

**Type:** Change Request  
**Reference:** 1630  
**Version No:** 1.0  
**Subject:** National Joint Registry Data Set Version 7  
**Effective Date:** 4 June 2018  
**Reason for Change:** Change to Information Standards  
**Publication Date:** 5 June 2018

## Background:

The National Joint Registry Data Set Version 6 was approved by the Information Standards Board for Health and Social Care (ISB) as [ISB 1567 Amd 15/2014](#).

A number of changes have been identified since the last version and the National Joint Registry Data Set Version 7 is being introduced.

To support the new Information Standard, this Change Request updates the NHS Data Model and Dictionary to:

- Create new Data Items
- Make amendments to National Code values and descriptions
- Replace the existing NHS Data Model and Dictionary codes with the National Joint Registry bulk upload codes / system generated codes. As a result, some items have been renamed to make it clear that they relate to the National Joint registry Data Set only.
- Retire the Attributes and Data Elements that are no longer included in the data set
- Make changes to Organisation and Organisation Site Code Data Items to reflect changes to organisation reference data maintained and published by the Organisation Data Service, as defined by [SCCI0090: Health and Social Care Organisation Reference Data](#).

To view a demonstration on "How to Read an NHS Data Model and Dictionary Change Request", visit the NHS Data Model and Dictionary help pages at: [http://www.datadictionary.nhs.uk/Flash\\_Files/changerequest.htm](http://www.datadictionary.nhs.uk/Flash_Files/changerequest.htm).

Note: if the web page does not open, please copy the link and paste into the web browser.

## Summary of changes:

### Diagrams

<a href="#">ACTIVITY DIAGRAM</a>	Changed Diagram
<a href="#">CANCER OUTCOMES AND SERVICES DIAGRAM</a>	Changed Diagram
<a href="#">COMMUNITY SERVICES DIAGRAM</a>	Changed Diagram
<a href="#">HIV AND AIDS DIAGRAM</a>	Changed Diagram
<a href="#">MATERNITY SERVICES DIAGRAM</a>	Changed Diagram
<a href="#">NATIONAL JOINT REGISTRY DIAGRAM</a>	Changed Diagram
<a href="#">NATIONAL RENAL DIAGRAM</a>	Changed Diagram
<a href="#">PATIENT PATHWAY DIAGRAM</a>	Changed Diagram
<a href="#">RADIOTHERAPY DIAGRAM</a>	Changed Diagram
<a href="#">SYSTEMIC ANTI-CANCER THERAPY DIAGRAM</a>	Changed Diagram

### Data Set

<a href="#">NATIONAL JOINT REGISTRY DATA SET - ANKLE</a>	Changed Description
<a href="#">NATIONAL JOINT REGISTRY DATA SET - COMMON DETAILS</a>	Changed Description
<a href="#">NATIONAL JOINT REGISTRY DATA SET - ELBOW</a>	Changed Description
<a href="#">NATIONAL JOINT REGISTRY DATA SET - HIP</a>	Changed Description
<a href="#">NATIONAL JOINT REGISTRY DATA SET - KNEE</a>	Changed Description
<a href="#">NATIONAL JOINT REGISTRY DATA SET - SHOULDER</a>	Changed Description

### Supporting Information

<a href="#">NATIONAL JOINT REGISTRY DATA SET OVERVIEW</a>	Changed Description
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### Class Definitions

<a href="#">CLINICAL INTERVENTION</a>	Changed Attributes
<a href="#">CLINICAL INVESTIGATION RESULT ITEM</a>	Changed Attributes
<a href="#">IMPLANT</a>	Changed Attributes
<a href="#">PATIENT DIAGNOSIS</a>	Changed Attributes
<a href="#">PERSON PROPERTY QUALIFIER</a>	Changed Attributes

### Attribute Definitions

<a href="#">ANAESTHETIC TYPE FOR JOINT REPLACEMENT</a>	Changed Description
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<a href="#">ANKLE DORSIFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT</a> renamed from <a href="#">ANKLE DORSIFLEXION CODE</a>	Changed Name
<a href="#">ANKLE PLANTARFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT</a> renamed from <a href="#">ANKLE PLANTARFLEXION CODE</a>	Changed Name
<a href="#">ARTHROPLASTY REVISION TYPE FOR HIP KNEE AND ANKLE REPLACEMENT</a> renamed from <a href="#">ARTHROPLASTY REVISION TYPE</a>	Changed Name, Description
<a href="#">ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT</a>	New Attribute
<a href="#">ASSOCIATED PROCEDURE TYPE FOR ANKLE REPLACEMENT</a>	Changed Description
<a href="#">BIOLOGICAL GLENOID RESURFACING TYPE FOR SHOULDER REPLACEMENT</a> renamed from <a href="#">BIOLOGICAL RESURFACING TYPE FOR SHOULDER REPLACEMENT</a>	Changed Name, Description
<a href="#">BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT (RETIRED)</a> renamed from <a href="#">BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT</a>	Changed Name, Description, status to Retired
<a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>	Changed Description
<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>	New Attribute
<a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>	New Attribute
<a href="#">BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT (RETIRED)</a> renamed from <a href="#">BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT</a>	Changed Name, Description, status to Retired
<a href="#">CARE PROFESSIONAL FIRST ASSISTANT GRADE FOR JOINT REPLACEMENT</a>	Changed Description
<a href="#">CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE FOR JOINT REPLACEMENT</a>	Changed Description
<a href="#">CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>	New Attribute
<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT</a> renamed from <a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>	Changed Name, Description
<a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a> renamed from <a href="#">COMPONENT REMOVAL INDICATOR</a>	Changed Name, Description
<a href="#">COMPUTER GUIDED SURGERY INDICATOR FOR JOINT REPLACEMENT</a> renamed from <a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>	Changed Name, Description
<a href="#">DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT</a> renamed from <a href="#">DEGREES OF FIXED FLEXION DEFORMITY</a>	Changed Name, Description
<a href="#">DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT</a> renamed from <a href="#">DEGREES OF FLEXION RANGE</a>	Changed Name, Description
<a href="#">FIXATION TYPE FOR ELBOW REPLACEMENT</a>	New Attribute
<a href="#">FIXATION TYPE FOR SHOULDER REPLACEMENT</a> renamed from <a href="#">FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT</a>	Changed Name, Description
<a href="#">HANDEDNESS CODE FOR JOINT REPLACEMENT</a> renamed from <a href="#">HANDEDNESS CODE</a>	Changed Name, Description
<a href="#">HIP JOINT SURGERY PATIENT POSITION</a> renamed from <a href="#">HIP SURGERY PATIENT POSITION</a>	Changed Name, Description
<a href="#">IMPLANT MANUFACTURER (RETIRED)</a> renamed from <a href="#">IMPLANT MANUFACTURER</a>	Changed Name, Description, status to Retired
<a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>	New Attribute
<a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR ANKLE</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR ELBOW</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR HIP</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR KNEE</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR SHOULDER</a>	Changed Description
<a href="#">LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>	New Attribute
<a href="#">LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT</a>	New Attribute
<a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR (RETIRED)</a> renamed from <a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>	Changed Name, Description, status to Retired
<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT</a> renamed from <a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>	Changed Name, Description
<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR FOR JOINT REPLACEMENT</a> renamed from <a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>	Changed Name, Description
<a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY ANKLE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY ELBOW REPLACEMENT</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY HIP REPLACEMENT</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY KNEE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE PERFORMED INDICATOR</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY ANKLE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY ELBOW REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY HIP REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY KNEE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY SHOULDER REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR REVISION ANKLE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR REVISION ELBOW REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR REVISION HIP REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR REVISION KNEE REPLACEMENT</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE FOR REVISION SHOULDER REPLACEMENT</a>	Changed Description
<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR SHOULDER OR KNEE REPLACEMENT</a> renamed from <a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR KNEE REPLACEMENT</a>	Changed Name, Description

<a href="#">PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT</a> renamed from <a href="#">PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT</a>	Changed Name, Description
<a href="#">PREVIOUS FRACTURE OF INDEX JOINT INDICATOR FOR ANKLE REPLACEMENT</a> renamed from <a href="#">PREVIOUS FRACTURE INDICATOR FOR ANKLE REPLACEMENT</a>	Changed Name, Description
<a href="#">PREVIOUS INDEX JOINT SURGERY TYPE FOR ANKLE REPLACEMENT</a> renamed from <a href="#">PREVIOUS SURGERY TYPE FOR ANKLE JOINT</a>	Changed Name, Description
<a href="#">PREVIOUS SURGERY TYPE FOR SHOULDER REPLACEMENT</a>	Changed Description
<a href="#">REVISION PROCEDURE TYPE FOR ANKLE REPLACEMENT</a> renamed from <a href="#">REVISION PROCEDURE TYPE FOR ANKLE OR KNEE REPLACEMENT</a>	Changed Name, Description
<a href="#">REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT</a> renamed from <a href="#">REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT</a>	Changed Name, Description
<a href="#">REVISION PROCEDURE TYPE FOR HIP REPLACEMENT</a>	Changed Description
<a href="#">REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT</a>	New Attribute
<a href="#">REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT</a>	New Attribute
<a href="#">ROTATOR CUFF CONDITION FOR SHOULDER REPLACEMENT</a> renamed from <a href="#">ROTATOR CUFF CONDITION</a>	Changed Name, Description
<a href="#">ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT</a>	New Attribute
<a href="#">ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT</a>	New Attribute
<a href="#">SUBTALAR JOINT MOVEMENT CODE FOR PRIMARY ANKLE REPLACEMENT</a> renamed from <a href="#">SUBTALAR JOINT MOVEMENT CODE</a>	Changed Name, Description
<a href="#">SURGICAL APPROACH FOR PRIMARY HIP REPLACEMENT</a>	Changed Description
<a href="#">SURGICAL APPROACH FOR PRIMARY KNEE REPLACEMENT</a>	Changed Description
<a href="#">SURGICAL APPROACH FOR PRIMARY OR REVISION ANKLE REPLACEMENT</a>	Changed Description
<a href="#">SURGICAL APPROACH FOR PRIMARY OR REVISION SHOULDER REPLACEMENT</a>	Changed Description
<a href="#">SURGICAL APPROACH FOR REVISION HIP REPLACEMENT</a>	Changed Description
<a href="#">SURGICAL APPROACH FOR REVISION KNEE REPLACEMENT</a>	Changed Description
<a href="#">TIBIA-HINDFOOT ALIGNMENT CODE FOR PRIMARY ANKLE REPLACEMENT</a> renamed from <a href="#">TIBIA-HINDFOOT ALIGNMENT CODE</a>	Changed Name
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR ANKLE REPLACEMENT</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR ELBOW REPLACEMENT</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR HIP REPLACEMENT</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR KNEE REPLACEMENT</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR SHOULDER REPLACEMENT</a>	Changed Description

**Data Elements**

<a href="#">ANAESTHETIC TYPE (JOINT REPLACEMENT)</a>	Changed Description
<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>	Changed Description
<a href="#">ANKLE DORSIFLEXION CODE (PRIMARY ANKLE REPLACEMENT)</a> renamed from <a href="#">ANKLE DORSIFLEXION CODE</a>	Changed Name
<a href="#">ANKLE PLANTARFLEXION CODE (PRIMARY ANKLE REPLACEMENT)</a> renamed from <a href="#">ANKLE PLANTARFLEXION CODE</a>	Changed Name
<a href="#">ARTHROPLASTY REVISION TYPE (HIP KNEE AND ANKLE REPLACEMENT)</a> renamed from <a href="#">ARTHROPLASTY REVISION TYPE</a>	Changed Name
<a href="#">ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)</a>	New Data Element
<a href="#">ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE (NATIONAL JOINT REGISTRY)</a>	Changed Description
<a href="#">ASSOCIATED PROCEDURE TYPE (ANKLE REPLACEMENT)</a>	Changed Description
<a href="#">BIOLOGICAL GLENOID RESURFACING TYPE (SHOULDER REPLACEMENT)</a> renamed from <a href="#">BIOLOGICAL RESURFACING TYPE (SHOULDER REPLACEMENT)</a>	Changed Name
<a href="#">BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT) (RETIRED)</a> renamed from <a href="#">BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BONE GRAFT INDICATOR (ACETABULAR)</a> renamed from <a href="#">BONE GRAFT INDICATOR (ACETABULUM)</a>	Changed Name, Description
<a href="#">BONE GRAFT INDICATOR (FEMORAL)</a> renamed from <a href="#">BONE GRAFT INDICATOR (FEMUR)</a>	Changed Name, Description
<a href="#">BONE GRAFT INDICATOR (FIBULAR)</a>	New Data Element
<a href="#">BONE GRAFT INDICATOR (GLENOID)</a>	Changed Description
<a href="#">BONE GRAFT INDICATOR (HUMERAL)</a>	Changed Description
<a href="#">BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT) (RETIRED)</a> renamed from <a href="#">BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BONE GRAFT INDICATOR (TALAR)</a>	New Data Element
<a href="#">BONE GRAFT INDICATOR (TIBIAL)</a> renamed from <a href="#">BONE GRAFT INDICATOR (TIBIA)</a>	Changed Name, Description
<a href="#">BONE GRAFT INDICATOR (ULNAR)</a>	Changed Description
<a href="#">BONE GRAFT SOURCE (ACETABULAR)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (FIBULAR)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (GLENOID)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (TALAR)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>	New Data Element
<a href="#">BONE GRAFT SOURCE (ULNAR)</a>	New Data Element

<a href="#">BONE GRAFT STRUCTURE (ACETABULAR)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (FIBULAR)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (GLENOID)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (TALAR)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>	New Data Element
<a href="#">BONE GRAFT STRUCTURE (ULNAR)</a>	New Data Element
<a href="#">BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT) (RETIRED)</a> renamed from <a href="#">BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (ACETABULAR) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (ACETABULAR)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (ANKLE) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (ANKLE)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (FEMORAL) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (FEMORAL)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (HUMERAL) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (HUMERAL)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (KNEE) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (KNEE)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (RADIAL) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (RADIAL)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">BRAND REMOVED (SHOULDER) (RETIRED)</a> renamed from <a href="#">BRAND REMOVED (SHOULDER)</a>	Changed Name, Description, status to Retired, linked Attribute
<a href="#">CARE PROFESSIONAL FIRST ASSISTANT GRADE (JOINT REPLACEMENT)</a>	Changed Description
<a href="#">CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE (JOINT REPLACEMENT)</a>	Changed Description
<a href="#">CEMENT REMOVAL INDICATOR (ACETABULAR)</a>	New Data Element
<a href="#">CEMENT REMOVAL INDICATOR (FEMORAL)</a>	New Data Element
<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a> renamed from <a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>	Changed Name, Description
<a href="#">COMPONENT REMOVAL INDICATOR (ACETABULAR)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (FEMORAL)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (GLENOID)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (GLENOID ARTICULATING BEARING)</a>	New Data Element
<a href="#">COMPONENT REMOVAL INDICATOR (HUMERAL)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (HUMERAL ARTICULATING BEARING)</a>	New Data Element
<a href="#">COMPONENT REMOVAL INDICATOR (MENISCAL)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (MODULAR HEAD)</a>	New Data Element
<a href="#">COMPONENT REMOVAL INDICATOR (OTHER SHOULDER REVISION)</a>	New Data Element
<a href="#">COMPONENT REMOVAL INDICATOR (PATELLA)</a>	New Data Element
<a href="#">COMPONENT REMOVAL INDICATOR (RADIAL)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (TALAR)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (TIBIAL)</a>	Changed Description
<a href="#">COMPONENT REMOVAL INDICATOR (ULNAR)</a>	Changed Description
<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a> renamed from <a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>	Changed Name
<a href="#">DEGREES OF FIXED FLEXION DEFORMITY (PRIMARY KNEE REPLACEMENT)</a> renamed from <a href="#">DEGREES OF FIXED FLEXION DEFORMITY</a>	Changed Name, Description
<a href="#">DEGREES OF FLEXION RANGE (PRIMARY KNEE REPLACEMENT)</a> renamed from <a href="#">DEGREES OF FLEXION RANGE</a>	Changed Name, Description
<a href="#">FIXATION TYPE (ELBOW)</a> renamed from <a href="#">FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>	Changed Name, Description, linked Attribute
<a href="#">FIXATION TYPE (GLENOID)</a>	New Data Element
<a href="#">FIXATION TYPE (HUMERUS)</a>	New Data Element
<a href="#">HANDEDNESS CODE (JOINT REPLACEMENT)</a> renamed from <a href="#">HANDEDNESS CODE</a>	Changed Name, Description
<a href="#">HIP JOINT SURGERY PATIENT POSITION</a> renamed from <a href="#">HIP SURGERY PATIENT POSITION</a>	Changed Name
<a href="#">IMPLANT CATALOGUE NUMBER</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE (ANKLE)</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE (ELBOW)</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE (HIP)</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE (KNEE)</a>	Changed Description
<a href="#">JOINT REPLACEMENT REVISION REASON CODE (SHOULDER)</a>	Changed Description

<a href="#">LINER REMOVAL INDICATOR (ACETABULAR)</a>	New Data Element
<a href="#">LINER REMOVAL INDICATOR (TIBIAL)</a>	New Data Element
<a href="#">LOCAL PATIENT IDENTIFIER (NATIONAL JOINT REGISTRY)</a>	New Data Element
<a href="#">LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a> renamed from <a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>	Changed Name, Description, linked Attribute
<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a> renamed from <a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>	Changed Name, Description
<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR (JOINT REPLACEMENT)</a> renamed from <a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>	Changed Name
<a href="#">MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">OPERATION FUNDING (NATIONAL JOINT REGISTRY)</a>	Changed Description
<a href="#">OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">PATIENT CONSENT OBTAINED INDICATOR (NATIONAL JOINT REGISTRY RECORDING DATA)</a> renamed from <a href="#">PATIENT CONSENT OBTAINED INDICATOR (RECORDING DATA)</a>	Changed Name, Description
<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY ANKLE REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY ELBOW REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY HIP REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY KNEE REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY SHOULDER REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (PRIMARY ELBOW REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (PRIMARY HIP REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (PRIMARY KNEE REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (PRIMARY SHOULDER REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (REVISION ANKLE REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (REVISION ELBOW REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (REVISION HIP REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (REVISION KNEE REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT PROCEDURE TYPE (REVISION SHOULDER REPLACEMENT)</a>	Changed Description
<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)</a> renamed from <a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (KNEE REPLACEMENT)</a>	Changed Name
<a href="#">PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY)</a>	New Data Element
<a href="#">PREVIOUS BONY INFECTION INDICATOR (ANKLE REPLACEMENT TIBIA OR HINDFOOT)</a> renamed from <a href="#">PREVIOUS BONY INFECTION INDICATOR (TIBIA OR HINDFOOT)</a>	Changed Name, Description
<a href="#">PREVIOUS FRACTURE OF INDEX JOINT INDICATOR (ANKLE REPLACEMENT)</a> renamed from <a href="#">PREVIOUS FRACTURE INDICATOR (ANKLE REPLACEMENT)</a>	Changed Name, Description
<a href="#">PREVIOUS INDEX JOINT SURGERY TYPE (ANKLE REPLACEMENT)</a> renamed from <a href="#">PREVIOUS SURGERY TYPE (ANKLE JOINT)</a>	Changed Name, Description
<a href="#">PREVIOUS SURGERY TYPE (SHOULDER REPLACEMENT)</a>	Changed Description
<a href="#">REVISION PROCEDURE TYPE (ANKLE REPLACEMENT)</a> renamed from <a href="#">REVISION PROCEDURE TYPE (ANKLE OR KNEE REPLACEMENT)</a>	Changed Name, Description
<a href="#">REVISION PROCEDURE TYPE (ELBOW REPLACEMENT)</a> renamed from <a href="#">REVISION PROCEDURE TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>	Changed Name, Description
<a href="#">REVISION PROCEDURE TYPE (HIP REPLACEMENT)</a>	Changed Description
<a href="#">REVISION PROCEDURE TYPE (KNEE REPLACEMENT)</a>	New Data Element
<a href="#">REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">ROTATOR CUFF CONDITION (SHOULDER REPLACEMENT)</a> renamed from <a href="#">ROTATOR CUFF CONDITION</a>	Changed Name
<a href="#">ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)</a>	New Data Element
<a href="#">SUBTALAR JOINT MOVEMENT CODE (PRIMARY ANKLE REPLACEMENT)</a> renamed from <a href="#">SUBTALAR JOINT MOVEMENT CODE</a>	Changed Name
<a href="#">SURGEON NOTES</a>	Changed Description
<a href="#">SURGICAL APPROACH (PRIMARY HIP REPLACEMENT)</a>	Changed Description
<a href="#">SURGICAL APPROACH (REVISION HIP REPLACEMENT)</a>	Changed Description
<a href="#">TIBIA-HINDFOOT ALIGNMENT CODE (PRIMARY ANKLE REPLACEMENT)</a> renamed from <a href="#">TIBIA-HINDFOOT ALIGNMENT CODE</a>	Changed Name
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ANKLE REPLACEMENT)</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ELBOW REPLACEMENT)</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (HIP REPLACEMENT)</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (KNEE REPLACEMENT)</a>	Changed Description
<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (SHOULDER REPLACEMENT)</a>	Changed Description

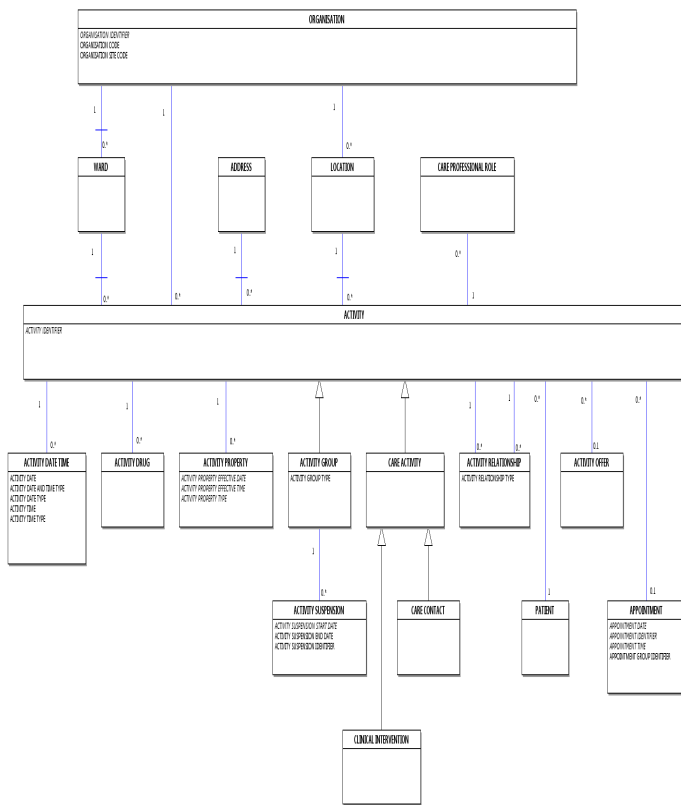
**Date:** 5 June 2018

**Sponsor:** Jane Ingham, Chief Executive Officer, Healthcare Quality Improvement Partnership (HQIP)

**Note:** New text is shown with a blue background. Deleted text is crossed out. Retired text is shown in grey. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

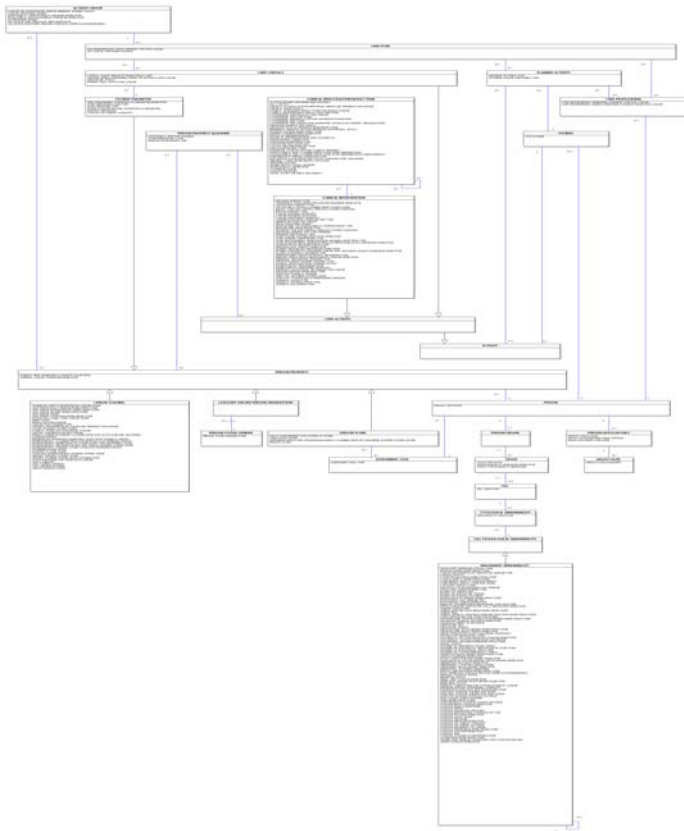
ACTIVITY DIAGRAM

Change to Diagram: Changed Diagram



CANCER OUTCOMES AND SERVICES DIAGRAM

Change to Diagram: Changed Diagram







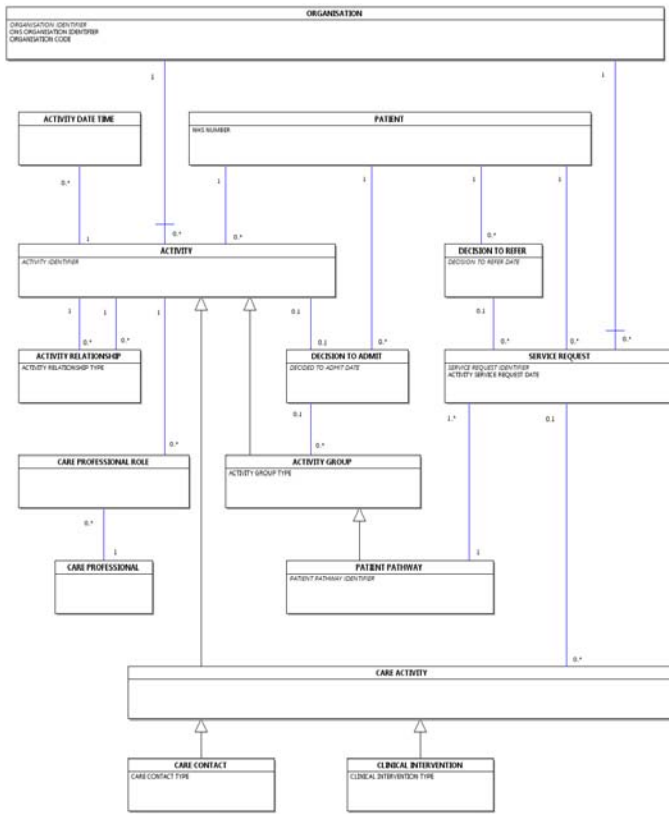






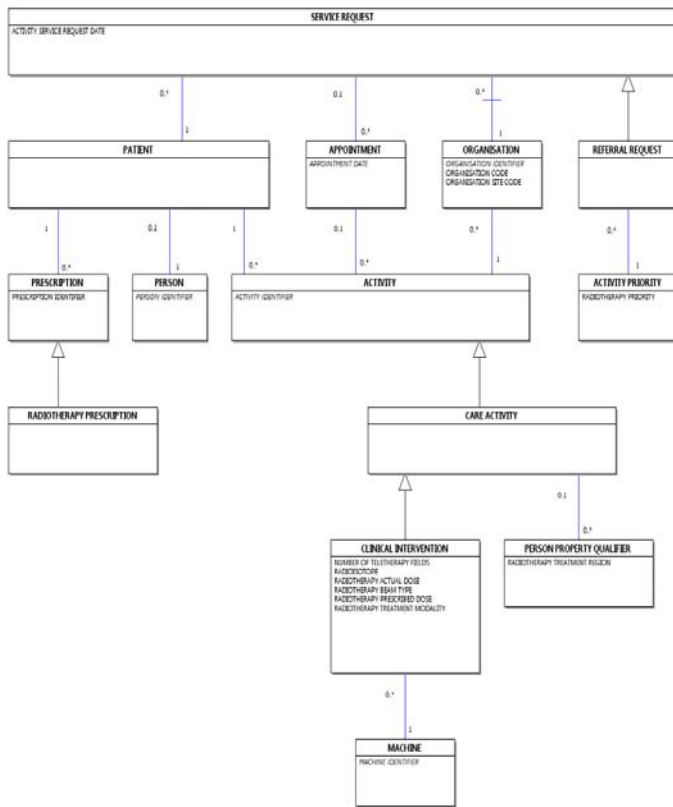
PATIENT PATHWAY DIAGRAM

Change to Diagram: Changed Diagram



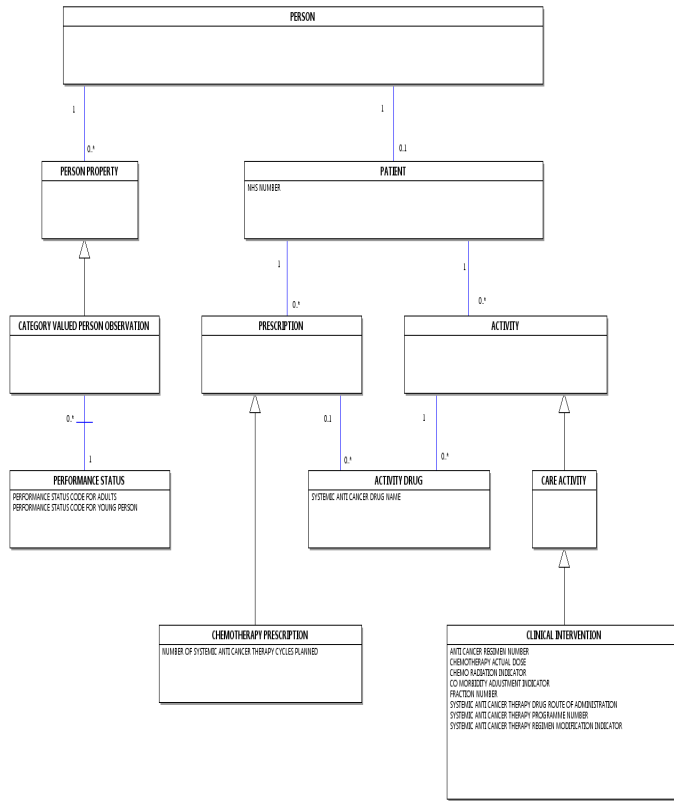
**RADIOTHERAPY DIAGRAM**

Change to Diagram: Changed Diagram



**SYSTEMIC ANTI-CANCER THERAPY DIAGRAM**

Change to Diagram: Changed Diagram



**NATIONAL JOINT REGISTRY DATA SET - ANKLE**

Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/O) column indicates the recommendation for the inclusion of data. Click [National Joint Registry Data Set - Ankle](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Optional (M/O) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- O = Optional: this data element is optional.

ANKLE PRIMARY	
M/O	<del>Ankle Primary Procedure Details: One occurrence of this group is required. Two are permitted for bi-lateral operations.</del>
M/O	<b>Ankle Primary Procedure Details: One occurrence of this group is required.</b>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY ANKLE REPLACEMENT)</a>
M	<a href="#">PREVIOUS FRACTURE INDICATOR (ANKLE REPLACEMENT)</a>
M	<a href="#">PREVIOUS SURGERY TYPE (ANKLE JOINT)</a>
M	<a href="#">PREVIOUS BONY INFECTION INDICATOR (TIBIA OR HINDFOOT)</a>
M	<a href="#">TIBIA HINDFOOT ALIGNMENT CODE</a>
M	<a href="#">ANKLE DORSIFLEXION CODE</a>
M	<a href="#">ANKLE PLANTARFLEXION CODE</a>
M	<a href="#">SUBTALAR JOINT MOVEMENT CODE</a>
M	<a href="#">PREVIOUS FRACTURE OF INDEX JOINT INDICATOR (ANKLE REPLACEMENT)</a>
M	<a href="#">PREVIOUS INDEX JOINT SURGERY TYPE (ANKLE REPLACEMENT)</a>
M	<a href="#">PREVIOUS BONY INFECTION INDICATOR (ANKLE REPLACEMENT TIBIA OR HINDFOOT)</a>
M	<a href="#">TIBIA-HINDFOOT ALIGNMENT CODE (PRIMARY ANKLE REPLACEMENT)</a>

M	<a href="#">ANKLE DORSIFLEXION CODE (PRIMARY ANKLE REPLACEMENT)</a>
M	<a href="#">ANKLE PLANTARFLEXION CODE (PRIMARY ANKLE REPLACEMENT)</a>
M	<a href="#">SUBTALAR JOINT MOVEMENT CODE (PRIMARY ANKLE REPLACEMENT)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (PRIMARY ANKLE REPLACEMENT)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION ANKLE REPLACEMENT)</a>
M	<a href="#">ASSOCIATED PROCEDURE TYPE (ANKLE REPLACEMENT)</a>
M	<a href="#">BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (TIBIAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>
M	<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (TALAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TALAR)</a>
M	<a href="#">BONE GRAFT SOURCE (TALAR)</a>
M	<a href="#">BONE GRAFT INDICATOR (FIBULAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FIBULAR)</a>
M	<a href="#">BONE GRAFT SOURCE (FIBULAR)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ANKLE REPLACEMENT)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

**ANKLE REVISION**

M/O	<b>Ankle Revision Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">REVISION PROCEDURE TYPE (ANKLE OR KNEE REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE</a>
M/O	<b>Ankle Revision Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">REVISION PROCEDURE TYPE (ANKLE REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE (HIP KNEE AND ANKLE REPLACEMENT)</a>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">JOINT REPLACEMENT REVISION REASON CODE (ANKLE)</a>

M/O	<b>Primary Operation Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required.
M	<a href="#">PROCEDURE DATE (PRIMARY JOINT REPLACEMENT)</a>
M	<a href="#">SITE CODE (OF TREATMENT)</a> If the information is not available, select 'Not Available'
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a> If the information is not available, select 'Not Available'

M/O	<b>Components Removed:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Components Removed:</b> One occurrence of this group is required.
M	<a href="#">COMPONENT REMOVAL INDICATOR (TIBIAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (TALAR)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (MENISCAL)</a>
M	<a href="#">BRAND REMOVED (ANKLE)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (REVISION ANKLE REPLACEMENT)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION ANKLE REPLACEMENT)</a>
M	<a href="#">ASSOCIATED PROCEDURE TYPE (ANKLE REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)</a>
M	<a href="#">BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (TIBIAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>
M	<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>
M	<a href="#">BONE GRAFT SOURCE (TALAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TALAR)</a>
M	<a href="#">BONE GRAFT SOURCE (TALAR)</a>
M	<a href="#">BONE GRAFT SOURCE (FIBULAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FIBULAR)</a>
M	<a href="#">BONE GRAFT SOURCE (FIBULAR)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ANKLE REPLACEMENT)</a>

M/O	
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	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

**NATIONAL JOINT REGISTRY DATA SET - COMMON DETAILS**

Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/R/O) column indicates the recommendation for the inclusion of data. Click [National Joint Registry Data Set - Common Details](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Required (M/R) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- R = Required: this data element is not optional but should be supplied if this data is available
- O = Optional: this data element is optional.
- R = Required: this data element is not optional but should be supplied if this data is available.

**COMMON DETAILS**

M/R/O	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">PATIENT CONSENT OBTAINED INDICATOR (RECORDING DATA)</a>
M	<a href="#">LOCAL PATIENT IDENTIFIER</a>
M/R	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">PATIENT CONSENT OBTAINED INDICATOR (NATIONAL JOINT REGISTRY RECORDING DATA)</a>
M	<a href="#">PERSON HEIGHT IN METRES</a> and <a href="#">PERSON WEIGHT</a> or <a href="#">BODY MASS INDEX</a> If the information is not available, select 'Not Available'

M/R/O	<b>Patient Identifiers:</b> One occurrence of this group is required.
M/R	<b>Patient Identifiers:</b> One occurrence of this group is required.
M	<a href="#">PERSON GIVEN NAME</a>
M	<a href="#">PERSON FAMILY NAME</a>
M	<a href="#">PERSON STATED GENDER CODE</a>
M	<a href="#">PERSON BIRTH DATE</a>
M	<a href="#">LOCAL PATIENT IDENTIFIER (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY)</a>
R	<a href="#">PERSON BIRTH DATE</a>
M	<a href="#">POSTCODE OF USUAL ADDRESS</a> If the <a href="#">PATIENT</a> is an <a href="#">Overseas Visitor</a> , select 'Overseas Resident'
R	<a href="#">NHS NUMBER</a> (England and Wales) or <a href="#">HEALTH AND CARE NUMBER</a> (Northern Ireland)

M/R/O	<b>Operation Details:</b> One occurrence of this group is required.
M	<a href="#">SITE CODE (OF TREATMENT)</a>
M/R	<b>Operation Details:</b> One occurrence of this group is required.
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a>
M	<a href="#">PROCEDURE DATE</a>
M	<a href="#">ANAESTHETIC TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">OPERATION FUNDING (NATIONAL JOINT REGISTRY)</a>

M/R/O	<b>Surgeon Details:</b> One occurrence of this group is required.
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<b>M/R</b>	<b>Surgeon Details:</b> One occurrence of this group is required.
M	<a href="#">CONSULTANT CODE (RESPONSIBLE CONSULTANT)</a>
M	<a href="#">CARE PROFESSIONAL CODE (OPERATING SURGEON)</a>
M	<a href="#">CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE (JOINT REPLACEMENT)</a>
M	<a href="#">CARE PROFESSIONAL FIRST ASSISTANT GRADE (JOINT REPLACEMENT)</a>

<b>M/R/O</b>	<b>Components:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

**NATIONAL JOINT REGISTRY DATA SET - ELBOW**

Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/O) column indicates the recommendation for the inclusion of data. [Click National Joint Registry Data Set - Elbow](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Optional (M/O) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- O = Optional: this data element is optional.

**ELBOW PRIMARY**

<b>M/O</b>	<b>Patient Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">HANDEDNESS CODE</a>
<b>M/O</b>	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">HANDEDNESS CODE (JOINT REPLACEMENT)</a>

<b>M/O</b>	<b>Elbow Primary Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
<b>M/O</b>	<b>Elbow Primary Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY ELBOW REPLACEMENT)</a>

<b>M/O</b>	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
<b>M/O</b>	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (PRIMARY ELBOW REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION ELBOW REPLACEMENT)</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a>

<b>M/O</b>	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
<b>M/O</b>	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

<b>M/O</b>	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
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M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (HUMERAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>
M	<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (ULNAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (ULNAR)</a>
M	<a href="#">BONE GRAFT SOURCE (ULNAR)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ELBOW REPLACEMENT)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

**ELBOW REVISION**

M/O	<b>Patient Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">HANDEDNESS CODE</a>
M/O	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">HANDEDNESS CODE (JOINT REPLACEMENT)</a>

M/O	<b>Elbow Revision Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">REVISION PROCEDURE TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE</a>
M/O	<b>Elbow Revision Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">REVISION PROCEDURE TYPE (ELBOW REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)</a>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">JOINT REPLACEMENT REVISION REASON CODE (ELBOW)</a>

M/O	<b>Primary Operation Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required.
M	<a href="#">PROCEDURE DATE (PRIMARY JOINT REPLACEMENT)</a>
M	<a href="#">SITE CODE (OF TREATMENT)</a> If the information is not available, select 'Not Available'
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a> If the information is not available, select 'Not Available'

M/O	<b>Components Removed:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Components Removed:</b> One occurrence of this group is required.
M	<a href="#">COMPONENT REMOVAL INDICATOR (RADIAL)</a>
M	<a href="#">BRAND REMOVED (RADIAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (HUMERAL)</a>
M	<a href="#">BRAND REMOVED (HUMERAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (ULNAR)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (REVISION ELBOW REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION ELBOW REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (HUMERAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>
M	<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (ULNAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (ULNAR)</a>
M	<a href="#">BONE GRAFT SOURCE (ULNAR)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (ELBOW REPLACEMENT)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

**NATIONAL JOINT REGISTRY DATA SET - HIP**

Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/O) column indicates the recommendation for the inclusion of data. Click [National Joint Registry Data Set - Hip](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Optional (M/O) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- O = Optional: this data element is optional.

**HIP PRIMARY**

M/O	<b>Hip Primary Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Hip Primary Procedure Details:</b> One occurrence of this group is required.

M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY HIP REPLACEMENT)</a>
M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (PRIMARY HIP REPLACEMENT)</a>
M	<a href="#">HIP SURGERY PATIENT POSITION</a>
M	<a href="#">HIP JOINT SURGERY PATIENT POSITION</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY HIP REPLACEMENT)</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">BONE GRAFT INDICATOR (FEMUR)</a>
M	<a href="#">BONE GRAFT INDICATOR (ACETABULUM)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (FEMORAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>
M	<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (ACETABULAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (ACETABULAR)</a>
M	<a href="#">BONE GRAFT SOURCE (ACETABULAR)</a>
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (HIP REPLACEMENT)</a>
M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>
<b>HIP REVISION</b>	
M/O	<b>Hip Revision Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Hip Revision Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">REVISION PROCEDURE TYPE (HIP REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE (HIP KNEE AND ANKLE REPLACEMENT)</a>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>

M	<a href="#">JOINT REPLACEMENT REVISION REASON CODE (HIP)</a>
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required.
M	<a href="#">PROCEDURE DATE (PRIMARY JOINT REPLACEMENT)</a>
M	<a href="#">SITE CODE (OF TREATMENT)</a> If the information is not available, select 'Not Available'
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a> If the information is not available, select 'Not Available'

M/O	<b>Components Removed:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Components Removed:</b> One occurrence of this group is required.
M	<a href="#">COMPONENT REMOVAL INDICATOR (FEMORAL)</a>
M	<a href="#">BRAND REMOVED (FEMORAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (MODULAR HEAD)</a>
M	<a href="#">CEMENT REMOVAL INDICATOR (FEMORAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (ACETABULAR)</a>
M	<a href="#">BRAND REMOVED (ACETABULAR)</a>
M	<a href="#">LINER REMOVAL INDICATOR (ACETABULAR)</a>
M	<a href="#">CEMENT REMOVAL INDICATOR (ACETABULAR)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (REVISION HIP REPLACEMENT)</a>
M	<a href="#">HIP SURGERY PATIENT POSITION</a>
M	<a href="#">HIP JOINT SURGERY PATIENT POSITION</a>
M	<a href="#">SURGICAL APPROACH (REVISION HIP REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">BONE GRAFT INDICATOR (FEMUR)</a>
M	<a href="#">BONE GRAFT INDICATOR (ACETABULUM)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (FEMORAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>
M	<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (ACETABULAR)</a>
M	<a href="#">BONE GRAFT STRUCTURE (ACETABULAR)</a>
M	<a href="#">BONE GRAFT SOURCE (ACETABULAR)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.

M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (HIP REPLACEMENT)</a>
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<b>M/O</b>	<b>Components:</b> <b>One occurrence of this group is required.</b>
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

NATIONAL JOINT REGISTRY DATA SET - KNEE

Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/O) column indicates the recommendation for the inclusion of data. Click [National Joint Registry Data Set - Knee](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Optional (M/O) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- O = Optional: this data element is optional.

**KNEE PRIMARY**

<b>M/O</b>	<b>Knee Primary Procedure Details:</b> <b>One occurrence of this group is required. Two are permitted for bi-lateral operations.</b>
<b>M/O</b>	<b>Knee Primary Procedure Details:</b> <b>One occurrence of this group is required.</b>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY KNEE REPLACEMENT)</a>
M	<a href="#">DEGREES OF FIXED FLEXION DEFORMITY</a>
M	<a href="#">DEGREES OF FLEXION RANGE</a>
M	<a href="#">DEGREES OF FIXED FLEXION DEFORMITY (PRIMARY KNEE REPLACEMENT)</a>
M	<a href="#">DEGREES OF FLEXION RANGE (PRIMARY KNEE REPLACEMENT)</a>

<b>M/O</b>	<b>Surgical Approach:</b> <b>One occurrence of this group is required. Two are permitted for bi-lateral operations.</b>
<b>M/O</b>	<b>Surgical Approach:</b> <b>One occurrence of this group is required.</b>
M	<a href="#">PATIENT PROCEDURE TYPE (PRIMARY KNEE REPLACEMENT)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY KNEE REPLACEMENT)</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (KNEE REPLACEMENT)</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)</a>

<b>M/O</b>	<b>Thromboprophylaxis:</b> <b>One occurrence of this group is required. Two are permitted for bi-lateral operations.</b>
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
<b>M/O</b>	<b>Thromboprophylaxis:</b> <b>One occurrence of this group is required.</b>
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

<b>M/O</b>	<b>Bone Graft Used:</b> <b>One occurrence of this group is required. Two are permitted for bi-lateral operations.</b>
M	<a href="#">BONE GRAFT INDICATOR (FEMUR)</a>
M	<a href="#">BONE GRAFT INDICATOR (TIBIA)</a>
<b>M/O</b>	<b>Bone Graft Used:</b> <b>One occurrence of this group is required.</b>
M	<a href="#">BONE GRAFT INDICATOR (FEMORAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>
M	<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>

M	<a href="#">BONE GRAFT INDICATOR (TIBIAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>
M	<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (KNEE REPLACEMENT)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

<b>KNEE REVISION</b>	
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M/O	<b>Knee Revision Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">REVISION PROCEDURE TYPE (ANKLE OR KNEE REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE</a>
M/O	<b>Knee Revision Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">REVISION PROCEDURE TYPE (KNEE REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE (HIP KNEE AND ANKLE REPLACEMENT)</a>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">JOINT REPLACEMENT REVISION REASON CODE (KNEE)</a>

M/O	<b>Primary Operation Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required.
M	<a href="#">PROCEDURE DATE (PRIMARY JOINT REPLACEMENT)</a>
M	<a href="#">SITE CODE (OF TREATMENT)</a> If the information is not available, select 'Not Available'
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a> If the information is not available, select 'Not Available'

M/O	<b>Components Removed:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">BRAND REMOVED (KNEE)</a>
M/O	<b>Components Removed:</b> One occurrence of this group is required.
M	<a href="#">COMPONENT REMOVAL INDICATOR (FEMORAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (TIBIAL)</a>
M	<a href="#">LINER REMOVAL INDICATOR (TIBIAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (PATELLA)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (REVISION KNEE REPLACEMENT)</a>
M	<a href="#">SURGICAL APPROACH (REVISION KNEE REPLACEMENT)</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (KNEE REPLACEMENT)</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>

M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">BONE GRAFT INDICATOR (FEMUR)</a>
M	<a href="#">BONE GRAFT INDICATOR (TIBIA)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (FEMORAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>
M	<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (TIBIAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>
M	<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (KNEE REPLACEMENT)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

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#### NATIONAL JOINT REGISTRY DATA SET - SHOULDER

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Change to Data Set: Changed Description

[National Joint Registry Data Set Overview](#)

The Mandatory, Required or Optional (M/O) column indicates the recommendation for the inclusion of data. Click [National Joint Registry Data Set - Shoulder](#) for a "Full Screen" view.

In the "Full Screen" view, to return to the "Data Set" view, click the browser "back" button.

The Mandatory or Optional (M/O) column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory
- O = Optional: this data element is optional.

<b>SHOULDER PRIMARY</b>	
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M/O	<b>Patient Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">HANDEDNESS CODE</a>
M/O	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">HANDEDNESS CODE (JOINT REPLACEMENT)</a>

M/O	<b>Shoulder Primary Procedure Details:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Shoulder Primary Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">PATIENT DIAGNOSIS INDICATION (PRIMARY SHOULDER REPLACEMENT)</a>
M	<a href="#">PREVIOUS SURGERY TYPE (SHOULDER REPLACEMENT)</a>

M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (PRIMARY SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (HUMERUS)</a>
M	<a href="#">FIXATION TYPE (GLENOID)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION SHOULDER REPLACEMENT)</a>
M	<a href="#">MINIMALLY INVASIVE SURGERY INDICATOR</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR</a>
M	<a href="#">BIOLOGICAL RESURFACING TYPE (SHOULDER REPLACEMENT)</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)</a>
M	<a href="#">COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)</a>
M	<a href="#">BIOLOGICAL GLENOID RESURFACING TYPE (SHOULDER REPLACEMENT)</a>

M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>

M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (HUMERAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>
M	<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (GLENOID)</a>
M	<a href="#">BONE GRAFT STRUCTURE (GLENOID)</a>
M	<a href="#">BONE GRAFT SOURCE (GLENOID)</a>

M/O	<b>Soft Tissues:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>
M	<a href="#">ROTATOR CUFF CONDITION</a>
M/O	<b>Rotator Cuff:</b> One occurrence of this group is required.
M	<a href="#">ROTATOR CUFF CONDITION (SHOULDER REPLACEMENT)</a>
M	<a href="#">ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Soft Tissues:</b> One occurrence of this group is required.
M	<a href="#">LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>

M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>

M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.

M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (SHOULDER REPLACEMENT)</a>
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M/O	Pre-Operative Oxford Scores: One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Pre-Operative Oxford Scores:</b> One occurrence of this group is required.
M	<a href="#">ASSESSMENT TOOL COMPLETION DATE</a> If the information is not available, select 'Not Available'
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 1)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 2)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 3)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 4)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 5)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 6)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 7)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 8)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 9)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 10)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 11)</a>
O	<a href="#">OXFORD SHOULDER SCORE (QUESTION 12)</a>

M/O	<b>Components:</b> One occurrence of this group is required.
M	<a href="#">IMPLANT CATALOGUE NUMBER</a>
M	<a href="#">IMPLANT BATCH OR LOT NUMBER</a>

<b>SHOULDER REVISION</b>	
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M/O	Patient Details: One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">HANDEDNESS CODE</a>
M/O	<b>Patient Details:</b> One occurrence of this group is required.
M	<a href="#">HANDEDNESS CODE (JOINT REPLACEMENT)</a>

M/O	Shoulder Revision Procedure Details: One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">REVISION PROCEDURE TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE</a>
M/O	<b>Shoulder Revision Procedure Details:</b> One occurrence of this group is required.
M	<a href="#">REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)</a>
M	<a href="#">ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)</a>
M	<a href="#">ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)</a>
M	<a href="#">JOINT REPLACEMENT REVISION REASON CODE (SHOULDER)</a>

M/O	Primary Operation Details: One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Primary Operation Details:</b> One occurrence of this group is required.
M	<a href="#">PROCEDURE DATE (PRIMARY JOINT REPLACEMENT)</a>
M	<a href="#">SITE CODE (OF TREATMENT)</a> If the information is not available, select 'Not Available'
M	<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a> If the information is not available, select 'Not Available'

M/O	Components Removed: One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Components Removed:</b> One occurrence of this group is required.
M	<a href="#">COMPONENT REMOVAL INDICATOR (HUMERAL)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (HUMERAL ARTICULATING BEARING)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (GLENOID)</a>
M	<a href="#">BRAND REMOVED (SHOULDER)</a>
M	<a href="#">COMPONENT REMOVAL INDICATOR (GLENOID ARTICULATING BEARING)</a>

M	<a href="#">COMPONENT REMOVAL INDICATOR (OTHER SHOULDER REVISION)</a>
M/O	<b>Surgical Approach:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Surgical Approach:</b> One occurrence of this group is required.
M	<a href="#">PATIENT PROCEDURE TYPE (REVISION SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)</a>
M	<a href="#">FIXATION TYPE (HUMERUS)</a>
M	<a href="#">FIXATION TYPE (GLENOID)</a>
M	<a href="#">SURGICAL APPROACH (PRIMARY OR REVISION SHOULDER REPLACEMENT)</a>
M	<a href="#">BIOLOGICAL RESURFACING TYPE (SHOULDER REPLACEMENT)</a>
M	<a href="#">PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)</a>
M	<a href="#">BIOLOGICAL GLENOID RESURFACING TYPE (SHOULDER REPLACEMENT)</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
M/O	<b>Thromboprophylaxis:</b> One occurrence of this group is required.
M	<a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M	<a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT)</a>
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Bone Graft Used:</b> One occurrence of this group is required.
M	<a href="#">BONE GRAFT INDICATOR (HUMERAL)</a>
M	<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>
M	<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>
M	<a href="#">BONE GRAFT INDICATOR (GLENOID)</a>
M	<a href="#">BONE GRAFT STRUCTURE (GLENOID)</a>
M	<a href="#">BONE GRAFT SOURCE (GLENOID)</a>
M/O	<b>Soft Tissues:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M	<a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>
M	<a href="#">ROTATOR CUFF CONDITION</a>
M/O	<b>Rotator Cuff:</b> One occurrence of this group is required.
M	<a href="#">ROTATOR CUFF CONDITION (SHOULDER REPLACEMENT)</a>
M	<a href="#">ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)</a>
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Soft Tissues:</b> One occurrence of this group is required.
M	<a href="#">LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)</a>
M	<a href="#">OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)</a>
M/O	<b>Surgeon Notes:</b> One occurrence of this group is required.
O	<a href="#">SURGEON NOTES</a>
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required. Two are permitted for bi-lateral operations.
M/O	<b>Intraoperative Event:</b> One occurrence of this group is required.
M	<a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE (SHOULDER REPLACEMENT)</a>

M/O	<del>Pre-Operative Oxford Scores:</del> <del>One occurrence of this group is required. Two are permitted for bi-lateral operations.</del>
M/O	<b>Pre-Operative Oxford Scores:</b> <b>One occurrence of this group is required.</b>
M	<u>ASSESSMENT TOOL COMPLETION DATE</u> If the information is not available, select 'Not Available'
O	<u>OXFORD SHOULDER SCORE (QUESTION 1)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 2)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 3)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 4)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 5)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 6)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 7)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 8)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 9)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 10)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 11)</u>
O	<u>OXFORD SHOULDER SCORE (QUESTION 12)</u>

M/O	<b>Components:</b> <b>One occurrence of this group is required.</b>
M	<u>IMPLANT CATALOGUE NUMBER</u>
M	<u>IMPLANT BATCH OR LOT NUMBER</u>

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#### NATIONAL JOINT REGISTRY DATA SET OVERVIEW

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Change to Supporting Information: Changed Description

#### Background:

The [National Joint Registry Data Set](#) collects information on primary [Joint Replacement Surgery](#) and revision [Joint Replacement Surgery](#).

The majority of [National Joint Registry Data Set](#) items relate to the [PATIENT](#)'s operation details and are collected in the [OPERATING THEATRE](#).

[The National Codes for National Joint Registry items match the National Joint Registry bulk upload codes / system generated codes.](#)

[PATIENTS](#) must give their consent for this data to be recorded on the [National Joint Registry](#) Data Entry System (the electronic system for collection and transfer of data).

*Note: the consent is for data in the 'Patient Identifiers' group. Where consent is not given, the 'Patient Details' group and the operation details are still recorded.*

#### Operations included in the National Joint Registry database:

- [Primary Ankle Replacement Surgery](#)
- [Revision Ankle Replacement Surgery](#)
- [Primary Elbow Replacement Surgery](#)
- [Revision Elbow Replacement Surgery](#)
- [Primary Hip Replacement Surgery](#)
- [Revision Hip Replacement Surgery](#)
- [Primary Knee Replacement Surgery](#)
- [Revision Knee Replacement Surgery](#)
- [Primary Shoulder Replacement Surgery](#)
- [Revision Shoulder Replacement Surgery](#)

#### Further Guidance:

Further guidance can be found:

- For background to the [National Joint Registry](#) on the:
  - [Healthcare Quality Improvement Partnership](#) website at: [About the NJR](#)
  - [National Joint Registry](#) website at: [Welcome from the National Joint Registry of England, Wales and Northern Ireland](#)
- Relating to the data set on the [National Joint Registry](#) website at: [NJR data set](#).

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#### CLINICAL INTERVENTION

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Change to Class: Changed Attributes

Attributes of this Class are:

ABDOMINAL XRAY PERFORMED REASON

ABDOMINAL XRAY PERFORMED TO INVESTIGATE ABDOMINAL SIGNS INDICATOR  
ABLATIVE THERAPY TYPE  
ACCIDENT AND EMERGENCY INVESTIGATION  
ACCIDENT AND EMERGENCY TREATMENT  
ADDITIONAL UNPLANNED PROCEDURE REQUIRED INDICATOR  
ADJUNCTIVE THERAPY TYPE  
ANAESTHESIA TYPE IN LABOUR AND DELIVERY  
ANAESTHETIC METHOD TYPE FOR DIALYSIS ACCESS CONSTRUCTION  
ANAESTHETIC TYPE FOR JOINT REPLACEMENT  
ANTI CANCER REGIMEN NUMBER  
ARTERIOVENOUS GRAFT MATERIAL TYPE  
ARTHROPLASTY REVISION TYPE  
ARTHROPLASTY REVISION TYPE FOR HIP KNEE AND ANKLE REPLACEMENT  
ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT  
ARTIFICIAL RUPTURE OF MEMBRANES REASON CODE  
ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE  
ASSOCIATED PROCEDURE TYPE FOR ANKLE REPLACEMENT  
BIOLOGICAL RESURFACING TYPE FOR SHOULDER REPLACEMENT  
BIOLOGICAL GLENOID RESURFACING TYPE FOR SHOULDER REPLACEMENT  
BIOPSY TYPE FOR CENTRAL NERVOUS SYSTEM TUMOURS  
BLOOD FLOW RATE  
BLOOD TRANSFUSION PRODUCT TYPE  
BLOOD TRANSFUSION TYPE  
BLOOD TRANSFUSION UNITS TRANSFUSED  
~~BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT~~  
BONE GRAFT INDICATOR FOR JOINT REPLACEMENT  
BONE GRAFT SOURCE FOR JOINT REPLACEMENT  
BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT  
BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT  
BRACHYTHERAPY TYPE  
BREAST ASSESSMENT OUTCOME  
BREAST SCREENING TEST OUTCOME  
CANCER IMAGING MODALITY  
CANCER IMAGING OUTCOME  
CANCER TREATMENT MODALITY  
CARDIOPULMONARY EXERCISE TEST TYPE  
~~CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE~~  
CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT  
CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT  
CHEMO RADIATION INDICATOR  
CHEMOTHERAPY ACTUAL DOSE  
CHEST DRAIN IN SITU INDICATOR  
CLINICAL INTERVENTION TYPE  
CLINICAL INVESTIGATION NOT PERFORMED REASON CODE FOR MATERNITY  
CO MORBIDITY ADJUSTMENT INDICATOR  
COMPLICATION TYPE FOR RENAL DIALYSIS ACCESS  
~~COMPONENT REMOVAL INDICATOR~~  
COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT  
COMPUTER GUIDED SURGERY INDICATOR FOR JOINT REPLACEMENT  
CONTINUOUS INFUSION OF PULMONARY VASODILATOR RECEIVED INDICATOR  
CONTINUOUS POSITIVE AIRWAY PRESSURE DELIVERY MODE  
CONTRACEPTION METHOD STATUS  
CYTOLOGY SCREENING ACTION TYPE  
DEINFIBULATION UNDERTAKEN REASON  
DELIVERED IN WATER INDICATOR  
DELIVERY INSTRUMENT TYPE  
DELIVERY OF PLACENTA METHOD  
DIEPOXYBUTANE TEST RESULT  
DRUG ADMINISTRATION DURATION  
DRUG ADMINISTRATION STATUS  
DRUG DAYS SUPPLY  
DRUG DOSAGE AND ADMIN SPECIFICATION  
DRUG IDENTIFICATION  
DRUG INFORMATION COMMENT  
DRUG INFORMATION TYPE  
DRUG QUANTITY SUPPLIED  
DRUG REGIMEN ACRONYM

DRUG TREATMENT INTENT  
ENDOSCOPIC OR RADIOLOGICAL COMPLICATION TYPE  
ENDOSCOPIC PROCEDURE TYPE  
ENTERAL FEEDING METHOD  
ENTERAL FEED TYPE GIVEN  
EPISIOTOMY PERFORMED REASON CODE  
EXCISION TYPE FOR CENTRAL NERVOUS SYSTEM TUMOURS  
FETAL ORDER  
FIRST DEFINITIVE TREATMENT PROVIDED  
~~FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT~~  
FIXATION TYPE FOR ELBOW REPLACEMENT  
FIXATION TYPE FOR SHOULDER REPLACEMENT  
FORMULA MILK OR MILK FORTIFIER TYPE  
FRACTION NUMBER  
GERMLINE GENETIC TEST TYPE OFFERED  
~~HIP SURGERY PATIENT POSITION~~  
HIP JOINT SURGERY PATIENT POSITION  
HUMAN PAPILLOMAVIRUS VACCINATION DOSE GIVEN  
IMAGE GUIDED SURGERY INDICATOR  
IMAGING ANATOMICAL SITE  
IMAGING INTERVENTION INDICATOR  
IMAGING MODALITY  
IMAGING OR RADIODIAGNOSTIC EVENT INDICATION CODE FOR RENAL CARE  
INFECTION CULTURE TEST INDICATOR  
INTERVENTION SESSION TYPE FOR STOP SMOKING  
INTERVENTION SETTING TYPE FOR STOP SMOKING  
INTRAPARTUM ANTIBIOTICS GIVEN INDICATOR  
JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR  
JOINT REPLACEMENT REVISION REASON CODE FOR ANKLE  
JOINT REPLACEMENT REVISION REASON CODE FOR ELBOW  
JOINT REPLACEMENT REVISION REASON CODE FOR HIP  
JOINT REPLACEMENT REVISION REASON CODE FOR KNEE  
JOINT REPLACEMENT REVISION REASON CODE FOR SHOULDER  
KIDNEY TRANSPLANTED CODE  
LABOUR FIRST STAGE LENGTH  
LABOUR OR DELIVERY ONSET METHOD  
LABOUR SECOND STAGE LENGTH  
LAPAROTOMY FOR NECROTISING ENTEROCOLITIS INDICATION CODE  
LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT  
LIVER CANCER SURVEILLANCE SCAN INDICATOR  
LIVER SURGERY PERFORMED TYPE  
LIVER TRANSARTERIAL EMBOLISATION MATERIAL INJECTION TYPE  
LIVER TRANSARTERIAL EMBOLISATION OF HEPATOCELLULAR CARCINOMA INDICATOR  
~~LONG HEAD BICEPS TENOTOMY INDICATOR~~  
MARGIN INVOLVED INDICATION CODE  
~~MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE~~  
MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT  
~~MINIMALLY INVASIVE SURGERY INDICATOR~~  
MINIMALLY INVASIVE SURGERY INDICATOR FOR JOINT REPLACEMENT  
MORE THAN THREE RECTAL WASHOUTS RECEIVED INDICATOR  
NEOADJUVANT THERAPY INDICATOR  
NEONATAL RESUSCITATION METHOD  
NEONATAL RESUSCITATION METHOD FOR NATIONAL NEONATAL DATA SET  
NEPHRECTOMY TYPE  
NEURODEVELOPMENTAL ASSESSMENT ALREADY TAKEN INDICATOR  
NEWBORN HEARING INCOMPLETE REASON CODE  
NEWBORN HEARING SCREENING TEST TYPE  
NITRIC OXIDE GIVEN INDICATOR  
NUMBER OF TELETHERAPY FIELDS  
OBSERVATION SCHEME IN USE  
OPPORTUNISTIC SCREENING TYPE  
PAIN RELIEF TYPE IN LABOUR AND DELIVERY  
PARENTAL CONSENT TO ADMINISTER VITAMIN K INDICATOR  
PARENTAL CONSENT TO POST MORTEM INDICATOR  
PARENTERAL NUTRITION RECEIVED INDICATOR  
PATHOLOGY INVESTIGATION PRIORITY

PATHOLOGY RESULT REPORTED DATE  
 PATIENT PROCEDURE PERFORMED INDICATOR  
 PATIENT PROCEDURE TYPE FOR PRIMARY ANKLE REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR PRIMARY ELBOW REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR PRIMARY HIP REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR PRIMARY KNEE REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR PRIMARY SHOULDER REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR REVISION ANKLE REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR REVISION ELBOW REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR REVISION HIP REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR REVISION KNEE REPLACEMENT  
 PATIENT PROCEDURE TYPE FOR REVISION SHOULDER REPLACEMENT  
~~PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR KNEE REPLACEMENT~~  
 PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR SHOULDER OR KNEE REPLACEMENT  
 PATIENT TREATED TO CHILDRENS CANCER AND LEUKAEMIA GROUP GUIDELINES INDICATOR  
 PERITONEAL DIALYSIS CATHETER INSERTION TECHNIQUE  
 PERITONEAL DIALYSIS CATHETER TYPE  
 PERITONEAL DIALYSIS TREATMENT REGIME  
 PLANE OF SURGICAL EXCISION TYPE  
 PLANNED TREATMENT CHANGE REASON  
 POST MORTEM CARRIED OUT INDICATOR  
 POST MORTEM CONFIRMED NECROTISING ENTEROCOLITIS DIAGNOSIS INDICATOR  
 POST MORTEM TYPE  
 PRETREATMENT PROSTATE BIOPSY TECHNIQUE TYPE  
~~PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT~~  
 PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT  
~~PREVIOUS FRACTURE INDICATOR FOR ANKLE REPLACEMENT~~  
 PREVIOUS FRACTURE OF INDEX JOINT INDICATOR FOR ANKLE REPLACEMENT  
~~PREVIOUS SURGERY TYPE FOR ANKLE JOINT~~  
 PREVIOUS INDEX JOINT SURGERY TYPE FOR ANKLE REPLACEMENT  
 PREVIOUS SURGERY TYPE FOR SHOULDER REPLACEMENT  
 PRIMARY INDUCTION CHEMOTHERAPY FAILURE INDICATOR  
 PRINCIPAL DIAGNOSTIC IMAGING TYPE  
 PROCEDURE RENAL DIALYSIS ACCESS REPAIR OR REVISION TYPE  
 PROCEDURE SCHEME IN USE  
 PROCEDURE SIDE RENAL DIALYSIS ACCESS CONSTRUCTION CODE  
 PROCEDURE SITE RENAL DIALYSIS ACCESS CONSTRUCTION CODE  
 PROSTATE NERVE SPARING SURGERY TYPE  
 RADICAL PROSTATECTOMY MARGIN STATUS  
 RADIOISOTOPE  
 RADIOTHERAPY ACTUAL DOSE  
 RADIOTHERAPY BEAM TYPE  
 RADIOTHERAPY PRESCRIBED DOSE  
 RADIOTHERAPY TREATMENT MODALITY  
 REGIONAL ANAESTHETIC TECHNIQUE FOR CANCER  
 RELAPSE METHOD DETECTION TYPE  
 REMOVAL REASON TYPE FOR DIALYSIS ACCESS  
 RENAL DIALYSIS ACCESS TYPE  
 RENAL TRANSPLANT FAILURE CAUSE CODE  
 RENAL TREATMENT MODALITY CHANGE REASON CODE  
 RENAL TREATMENT MODALITY CODE  
 RENAL TREATMENT PRIMARY SUPERVISION CODE  
 REPLOGLE TUBE IN SITU INDICATOR  
 RESPIRATORY SUPPORT DEVICE TYPE FOR NATIONAL NEONATAL DATA SET  
 RESPIRATORY SUPPORT MODE FOR NATIONAL NEONATAL DATA SET  
 RESTRICTIVE INTERVENTION TYPE  
 RESULT SENT DIRECT  
 RETINOPATHY OF PREMATURITY SCREENING OUTCOME STATUS CODE  
~~REVISION PROCEDURE TYPE FOR ANKLE OR KNEE REPLACEMENT~~  
 REVISION PROCEDURE TYPE FOR ANKLE REPLACEMENT  
~~REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT~~  
 REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT  
 REVISION PROCEDURE TYPE FOR HIP REPLACEMENT  
~~ROTATOR CUFF CONDITION~~  
 REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT  
 REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT  
 ROTATOR CUFF CONDITION FOR SHOULDER REPLACEMENT

ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT  
ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT  
RUPTURE OF MEMBRANES METHOD  
SARCOMA SURGICAL MARGIN  
SENTINEL LYMPH NODE BIOPSY TYPE  
SIGNIFICANT MATERNAL PYREXIA IN LABOUR INDICATOR  
STEM CELL INFUSION DONOR TYPE  
STEM CELL INFUSION SOURCE CODE  
STEM CELL TRANSPLANT CONDITIONING REGIMEN  
STEROIDS GIVEN DURING PREGNANCY TO MATURE FETAL LUNGS INDICATOR  
STOMA PRESENT INDICATOR  
SURFACTANT GIVEN INDICATOR  
SURGICAL ACCESS TYPE  
SURGICAL APPROACH FOR PRIMARY HIP REPLACEMENT  
SURGICAL APPROACH FOR PRIMARY KNEE REPLACEMENT  
SURGICAL APPROACH FOR PRIMARY OR REVISION ANKLE REPLACEMENT  
SURGICAL APPROACH FOR PRIMARY OR REVISION ELBOW REPLACEMENT  
SURGICAL APPROACH FOR PRIMARY OR REVISION SHOULDER REPLACEMENT  
SURGICAL APPROACH FOR REVISION HIP REPLACEMENT  
SURGICAL APPROACH FOR REVISION KNEE REPLACEMENT  
SURGICAL COMPLICATION TYPE  
SURGICAL PALLIATION TYPE  
~~SURVEILLANCE TECHNIQUE DIALYSIS TYPE~~  
SYSTEMIC ANTI CANCER THERAPY DRUG ROUTE OF ADMINISTRATION  
SYSTEMIC ANTI CANCER THERAPY PROGRAMME NUMBER  
SYSTEMIC ANTI CANCER THERAPY REGIMEN MODIFICATION INDICATOR  
TRACHEOSTOMY TUBE IN SITU INDICATOR  
TREATMENT TYPE FOR NECROTISING ENTEROCOLITIS  
TREATMENT TYPE FOR PATENT DUCTUS ARTERIOSUS  
UNTOWARD INTRAOPERATIVE EVENT CODE FOR ANKLE REPLACEMENT  
UNTOWARD INTRAOPERATIVE EVENT CODE FOR ELBOW REPLACEMENT  
UNTOWARD INTRAOPERATIVE EVENT CODE FOR HIP REPLACEMENT  
UNTOWARD INTRAOPERATIVE EVENT CODE FOR KNEE REPLACEMENT  
UNTOWARD INTRAOPERATIVE EVENT CODE FOR SHOULDER REPLACEMENT  
VASCULAR LINE TYPE IN SITU  
VISUAL INSPECTION CONFIRMED NECROTISING ENTEROCOLITIS DURING LAPAROTOMY INDICATOR  
VITAMIN K ADMINISTERED INDICATOR  
VITAMIN K ROUTE OF ADMINISTRATION

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**CLINICAL INVESTIGATION RESULT ITEM**

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Change to Class: Changed Attributes

*Attributes of this Class are:*

K INVESTIGATION RESULT DATE  
K INVESTIGATION RESULT TIME  
ABNORMALITY DETECTED INDICATOR  
ACUTE MYELOID LEUKAEMIA RISK FACTORS  
ALK 1 STATUS  
~~ANKLE DORSIFLEXION CODE~~  
ANKLE DORSIFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT  
~~ANKLE PLANTARFLEXION CODE~~  
ANKLE PLANTARFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT  
ARITHMETIC COMPARATOR  
BIOPSY REFERRAL OUTCOME  
BREAST BIOPSY REFERRAL OUTCOME  
BREAST CANCER HISTOLOGICAL TYPE  
BREAST SCREENING MAMMOGRAPHY OUTCOME CODE  
CALCULATED CREATININE CLEARANCE TYPE  
CANCER VASCULAR OR LYMPHATIC INVASION  
CENTRAL TONE STATUS  
CERVICAL GLANDULAR INTRAEPITHELIAL NEOPLASIA PRESENCE AND GRADE  
CERVICAL NODE STATUS  
CERVICAL SMEAR EXAMINED DATE  
CHLAMYDIA TEST RESULT  
CLINICAL ASSESSMENT RESULT CODE FOR BREAST CANCER  
CLINICAL INVESTIGATION ITEM TYPE

CLINICAL INVESTIGATION ITEM UNIT OF MEASURE  
CLINICAL INVESTIGATION RESULT ANALYSED DATE  
CLINICAL INVESTIGATION RESULT CODE FOR RENAL CARE  
CLINICAL INVESTIGATION RESULT CODE FOR RENAL TRANSPLANT  
CLINICAL INVESTIGATION RESULT RECEIVED DATE  
CLINICAL INVESTIGATION RESULT VALUE  
CONDITION SEEN IN ABDOMEN DURING XRAY  
CYSTIC PERIVENTRICULAR LEUKOMALACIA OBSERVED DURING CRANIAL ULTRASOUND SCAN INDICATOR  
CYTOGENETIC ABNORMALITY RISK GROUP  
CYTOGENETIC ANALYSIS CODE  
CYTOGENETIC PRESENCE TYPE FOR RHABDOMYOSARCOMA  
CYTOGENETIC RISK CODE  
CYTOGENETIC RISK GROUP FOR PAEDIATRIC MOLECULAR GENETIC ABNORMALITIES  
CYTOLOGY RESULT TYPE  
CYTOLOGY SMEAR REASON  
D29 BONE MARROW TEST RESULT  
~~DEGREES OF FIXED FLEXION DEFORMITY~~  
DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT  
~~DEGREES OF FLEXION RANGE~~  
DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT  
DETRUSOR MUSCLE PRESENCE INDICATION CODE  
DEVIATING RESULT INDICATOR  
DIPSTICK TEST RESULT CODE  
EPIDERMAL GROWTH FACTOR RECEPTOR MUTATIONAL STATUS  
EXCISION MARGIN INDICATION CODE  
FINDING SCHEME IN USE  
GENETIC CONFIRMATION INDICATOR  
GRADE OF DIFFERENTIATION  
GRADE OF DIFFERENTIATION FOR COLORECTAL  
HAEMOGLOBINOPATHY INVESTIGATION RESULT CODE FOR NATIONAL NEONATAL DATA SET  
HbA1C ASSAY MEASUREMENT METHOD  
HEPATOMEGALY INDICATOR  
HORMONE EXPRESSION TYPE  
INTRAVENTRICULAR HAEMORRHAGE GRADE  
INVASIVE CANCER SPECIAL TYPE INDICATOR  
INVESTIGATION EXAMINATION RESULT CODE  
INVESTIGATION HAEMOGLOBINOPATHY RESULT CODE  
INVESTIGATION RESULT STATUS CODE  
INVESTIGATION RESULT TEXT  
INVESTIGATION RISK RATIO RESULT CODE  
INVESTIGATION RUBELLA RESULT INDICATOR  
INVESTIGATION SENSITISED RESULT INDICATOR  
KARYOTYPE TEST OUTCOME  
LACTATE DEHYDROGENASE LEVEL  
LYMPH NODE STATUS  
MEASURED GLOMERULAR FILTRATION RATE TYPE CODE  
METASTASIS EXTENT CODE  
NEWBORN BLOOD SPOT TEST OUTCOME STATUS CODE  
NEWBORN HEARING AUDIOLOGY OUTCOME  
NEWBORN HEARING SCREENING OUTCOME  
NUMBER OF FETUSES  
NUMERICAL VALUE  
OBSERVATION VALUE  
PAEDIATRIC MYELODYSPLASIA CLINICAL FINDINGS  
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER NEPHRECTOMY  
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER PREOPERATIVE CHEMOTHERAPY  
PERSON BLOOD GROUP  
PERSON RHESUS FACTOR  
PHYSIOLOGICAL MEASUREMENT INDICATION CODE FOR ELECTROCARDIOGRAM  
PORENEPHALIC CYST VISIBLE DURING CRANIAL ULTRASOUND SCAN INDICATOR  
PREOPERATIVE THERAPY RESPONSE TYPE  
RADIOLOGICAL RESULT VERIFIED DATE  
RADIOLOGICAL RESULT VERIFIED TIME  
RESULT ITEM STATUS  
RETINOPATHY OF PREMATURITY CLOCK HOURS MAXIMUM STAGE  
RETINOPATHY OF PREMATURITY MAXIMUM ZONE  
RETINOPATHY OF PREMATURITY PLUS DISEASE STATUS

RETINOPATHY OF PREMATURITY STAGE  
RISK GROUP ALLOCATION FOR ACUTE LYMPHOBLASTIC LEUKAEMIA  
S CATEGORY CODE  
SENTINEL LYMPH NODE BIOPSY OUTCOME  
SERUM CALCIUM CONCENTRATION CORRECTION CODE  
SPECIMEN NATURE  
SPLEEN BELOW COSTAL MARGIN  
SPLENOMEGALY INDICATOR  
~~SUBTALAR JOINT MOVEMENT CODE~~  
SUBTALAR JOINT MOVEMENT CODE FOR PRIMARY ANKLE REPLACEMENT  
~~TIBIA HINDFOOT ALIGNMENT CODE~~  
TIBIA HINDFOOT ALIGNMENT CODE FOR PRIMARY ANKLE REPLACEMENT  
TUMOUR NECROSIS  
VENTRICULAR DILATION DIAGNOSED DURING CRANIAL ULTRASOUND SCAN INDICATOR  
VISUAL ACUITY OR FIELD TEST RESULT

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#### IMPLANT

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Change to Class: Changed Attributes

*Attributes of this Class are:*

K IMPLANT CATALOGUE NUMBER  
IMPLANT BATCH OR LOT NUMBER  
~~IMPLANT MANUFACTURER~~

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#### PATIENT DIAGNOSIS

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Change to Class: Changed Attributes

*Attributes of this Class are:*

ACCIDENT AND EMERGENCY DIAGNOSIS  
BABY COMPLICATION AT BIRTH DIAGNOSIS  
BASIS OF DIAGNOSIS FOR CANCER  
BREAST CANCER INVASIVE STATUS  
CEREBRAL PALSY TYPE CODE FOR NATIONAL NEONATAL DATA SET  
CYTOMEGALOVIRUS DISEASE CODE  
DIABETES TYPE FOR RENAL CARE  
DIAGNOSIS SCHEME IN USE  
FEMALE GENITAL MUTILATION TYPE 4 CODE  
FETAL ANOMALY DIAGNOSIS  
HISTOLOGY CONFIRMED NECROTISING ENTEROCOLITIS FOLLOWING LAPAROTOMY INDICATOR  
HISTORY OF FEMALE GENITAL MUTILATION INDICATOR  
HYPOXIC ISCHEMIC ENCEPHALOPATHY GRADE  
LIFE THREATENING SYMPTOMS AT DIAGNOSIS INDICATOR  
LIVER CIRRHOSIS CAUSE TYPE  
LIVER CIRRHOSIS TYPE  
LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT  
LONG TERM PHYSICAL HEALTH CONDITION INDICATOR FOR IMPROVING ACCESS TO PSYCHOLOGICAL THERAPIES  
MATERNITY COMPLICATING MEDICAL DIAGNOSIS  
MATERNITY FAMILY HISTORY DIAGNOSIS TYPE  
MATERNITY MEDICAL DIAGNOSIS TYPE  
NEONATAL ABSTINENCE SYNDROME OBSERVED INDICATOR  
NEONATAL DIAGNOSIS  
OBSTETRIC DIAGNOSIS  
OTHER MYELODYSPLASIA SYMPTOMS AT DIAGNOSIS  
PATIENT DIAGNOSIS CODING SIGNIFICANCE  
PATIENT DIAGNOSIS INDICATION FOR PRIMARY ANKLE REPLACEMENT  
PATIENT DIAGNOSIS INDICATION FOR PRIMARY ELBOW REPLACEMENT  
PATIENT DIAGNOSIS INDICATION FOR PRIMARY HIP REPLACEMENT  
PATIENT DIAGNOSIS INDICATION FOR PRIMARY KNEE REPLACEMENT  
PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT  
PATIENT DIAGNOSIS INDICATOR  
PATIENT DIAGNOSIS TYPE FOR NHS HEALTH CHECK  
POST HAEMORRHAGIC HYDROCEPHALUS OBSERVED DURING CRANIAL ULTRASOUND SCAN INDICATOR  
PRESENT ON ADMISSION INDICATOR  
PRIMARY CANCER SITE FOR CANCER FASTER DIAGNOSIS PATHWAY  
PRIMARY DIAGNOSIS

PROVISIONAL DIAGNOSIS  
RENAL DONOR DIAGNOSIS TYPE  
RENAL LIVING DONOR DIAGNOSIS TYPE  
RENAL PAEDIATRIC DIAGNOSIS TYPE  
RENAL RECIPIENT CARDIOVASCULAR COMPLICATION TYPE  
RENAL RECIPIENT DIAGNOSIS TYPE  
SEIZURE OCCURRED INDICATOR  
SEPSIS SUSPECTED INDICATOR  
TRAUMATIC LESION OF GENITAL TRACT TYPE CODE  
TUMOUR OR LESION LATERALITY

---

**PERSON PROPERTY QUALIFIER**

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

ANATOMICAL AREA  
ANATOMICAL SIDE  
ANATOMICAL SIDE FOR IMAGING  
~~HANDEDNESS CODE~~  
HANDEDNESS CODE FOR JOINT REPLACEMENT  
HYDRONEPHROSIS CODE  
PRIMARY EXTRANODAL SITE  
RADIOTHERAPY TREATMENT REGION

---

**ANAESTHETIC TYPE FOR JOINT REPLACEMENT**

---

Change to Attribute: Changed Description

The type of anaesthetic used during a [Patient Procedure](#) for [Joint Replacement Surgery](#).

*National Codes:*

01	<del>General</del>
02	<del>Regional - Epidural</del>
03	<del>Regional - Nerve Block</del>
04	<del>Regional - Spinal (Intrathecal)</del>
5	General
9	Regional - Epidural
10	Regional - Nerve Block
11	Regional - Spinal (Intrathecal)

---

**ANKLE DORSIFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT\_ renamed from ANKLE DORSIFLEXION CODE**

---

Change to Attribute: Changed Name

- Changed Name from Data\_Dictionary.Attributes.A.Ana.ANKLE\_DORSIFLEXION\_CODE to Data\_Dictionary.Attributes.A.Ana.ANKLE\_DORSIFLEXION\_CODE\_FOR\_PRIMARY\_ANKLE\_REPLACEMENT

---

**ANKLE PLANTARFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT\_ renamed from ANKLE PLANTARFLEXION CODE**

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Change to Attribute: Changed Name

- Changed Name from Data\_Dictionary.Attributes.A.Ana.ANKLE\_PLANTARFLEXION\_CODE to Data\_Dictionary.Attributes.A.Ana.ANKLE\_PLANTARFLEXION\_CODE\_FOR\_PRIMARY\_ANKLE\_REPLACEMENT

---

**ARTHROPLASTY REVISION TYPE FOR HIP KNEE AND ANKLE REPLACEMENT\_ renamed from ARTHROPLASTY REVISION TYPE**

---

Change to Attribute: Changed Name, Description

The type of Arthroplasty revision for [Revision Ankle Replacement Surgery](#), [Revision Elbow Replacement Surgery](#), [Revision Hip Replacement Surgery](#), [Revision Knee Replacement Surgery](#) and [Revision Shoulder Replacement Surgery](#). The type of Arthroplasty revision for [Revision Hip Replacement Surgery](#), [Revision Knee Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

*National Codes:*

1	Primary Total Arthroplasty
2	Previous Revision Arthroplasty (excluding excision arthroplasty)

**ARTHROPLASTY REVISION TYPE FOR HIP KNEE AND ANKLE REPLACEMENT**, renamed from **ARTHROPLASTY REVISION TYPE**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.A.Ar.ARTHROPLASTY\_REVISION\_TYPE to Data\_Dictionary.Attributes.A.Ar.ARTHROPLASTY\_REVISION\_TYPE\_FOR\_HIP\_KNEE\_AND\_ANKLE\_REPLACEMENT
- Changed Description

**ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT**

Change to Attribute: New Attribute

The type of Arthroplasty revision for [Revision Shoulder Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#)

**National Codes:**

- 3 Primary Arthroplasty
- 4 Previous Revision Arthroplasty (excluding excision arthroplasty)

**This attribute is also known by these names:**

Context	Alias
plural	ARTHROPLASTY REVISION TYPES FOR SHOULDER AND ELBOW REPLACEMENT

**ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT**

Change to Attribute: New Attribute

**ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT**

**Data Elements:**

ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)
---

**ASSOCIATED PROCEDURE TYPE FOR ANKLE REPLACEMENT**

Change to Attribute: Changed Description

The type of associated [Patient Procedure](#) that was undertaken for a [PATIENT](#) at the time of [Primary Ankle Replacement Surgery](#).

**National Codes:**

- 01 Subtalar Joint Fusion
- 02 Talonavicular Fusion
- 03 Calcaneal Displacement Osteotomy
- 04 Achilles Tendon Lengthening
- 05 Fusion Distal Tibiofibular Joint
- 06 Fibula Osteotomy
- 07 Medial Malleolar Osteotomy
- 08 Lateral Ligament Reconstruction
- 09 Medial Ligament Reconstruction
- 40 Other
- 1 Subtalar Joint Fusion
- 2 Talonavicular Fusion
- 3 Calcaneal Displacement Osteotomy
- 4 Achilles Tendon Lengthening
- 5 Fusion Distal Tibiofibular Joint
- 6 Fibula Osteotomy
- 7 Medial Malleolar Osteotomy
- 8 Lateral Ligament Reconstruction
- 9 Medial Ligament Reconstruction
- 12 Medial Ligament Release
- 10 Other (not listed)
- 11 None

**BIOLOGICAL GLENOID RESURFACING TYPE FOR SHOULDER REPLACEMENT**, renamed from **BIOLOGICAL RESURFACING TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: Changed Name, Description

The type of biological resurfacing of the glenoid used during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**National Codes:**

- 4 None
- 0 None
- 2 Microfracture
- 3 Reaming
- 4 Interposition
- 1 Reaming
- 3 Interposition

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**BIOLOGICAL GLENOID RESURFACING TYPE FOR SHOULDER REPLACEMENT**, renamed from **BIOLOGICAL RESURFACING TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.B.BIOLOGICAL\_RESURFACING\_TYPE\_FOR\_SHOULDER\_REPLACEMENT to Data\_Dictionary.Attributes.B.BIOLOGICAL\_GLENOID\_RESURFACING\_TYPE\_FOR\_SHOULDER\_REPLACEMENT
- Changed Description

**BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT (RETIRED)**, renamed from **BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT**

Change to Attribute: Changed Name, Description, status to Retired

An indication of whether a bone graft was used and the type used, during [Revision Ankle Replacement Surgery](#). **This item has been retired from the NHS Data Model and Dictionary.**

**National Codes:** The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

- 4 Yes (structural)
- 2 Yes (non-structural)
- 3 No

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

**BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT (RETIRED)**, renamed from **BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT**

Change to Attribute: Changed Name, Description, status to Retired

- Changed Name from Data\_Dictionary.Attributes.B.BONE\_GRAFT\_INDICATION\_CODE\_FOR\_REVISION\_ANKLE\_REPLACEMENT to Retired.Data\_Dictionary.Attributes.B.BONE\_GRAFT\_INDICATION\_CODE\_FOR\_REVISION\_ANKLE\_REPLACEMENT
- Changed Description
- Retired BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT

**BONE GRAFT INDICATOR FOR JOINT REPLACEMENT**

Change to Attribute: Changed Description

An indication of whether a bone graft was used during [Joint Replacement Surgery](#), except for [Revision Ankle Replacement Surgery](#). An indication of whether a bone graft was used during [Joint Replacement Surgery](#).

National Codes:

- Y Yes
- N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - a bone graft was used during <a href="#">Joint Replacement Surgery</a>
N	0	No - a bone graft was not used during <a href="#">Joint Replacement Surgery</a>

**BONE GRAFT SOURCE FOR JOINT REPLACEMENT**

Change to Attribute: New Attribute

The source of the bone graft used during [Joint Replacement Surgery](#).

National Codes:

- 2 Autograft
- 3 Allograft
- 4 Synthetic
- 5 Other (not listed)

This attribute is also known by these names:

Context	Alias
plural	BONE GRAFT SOURCES FOR JOINT REPLACEMENT

BONE GRAFT SOURCE FOR JOINT REPLACEMENT

Change to Attribute: New Attribute

### BONE GRAFT SOURCE FOR JOINT REPLACEMENT

Data Elements:

<a href="#">BONE GRAFT SOURCE (ACETABULAR)</a>
<a href="#">BONE GRAFT SOURCE (FEMORAL)</a>
<a href="#">BONE GRAFT SOURCE (FIBULAR)</a>
<a href="#">BONE GRAFT SOURCE (GLENOID)</a>
<a href="#">BONE GRAFT SOURCE (HUMERAL)</a>
<a href="#">BONE GRAFT SOURCE (TALAR)</a>
<a href="#">BONE GRAFT SOURCE (TIBIAL)</a>
<a href="#">BONE GRAFT SOURCE (ULNAR)</a>

BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

Change to Attribute: New Attribute

The structure of the bone graft used during [Joint Replacement Surgery](#).

National Codes:

- 2 Structural
- 3 Morcelised/chips

This attribute is also known by these names:

Context	Alias
plural	BONE GRAFT STRUCTURES FOR JOINT REPLACEMENT

BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

Change to Attribute: New Attribute

### BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

Data Elements:

<a href="#">BONE GRAFT STRUCTURE (ACETABULAR)</a>
<a href="#">BONE GRAFT STRUCTURE (FEMORAL)</a>
<a href="#">BONE GRAFT STRUCTURE (FIBULAR)</a>
<a href="#">BONE GRAFT STRUCTURE (GLENOID)</a>
<a href="#">BONE GRAFT STRUCTURE (HUMERAL)</a>
<a href="#">BONE GRAFT STRUCTURE (TALAR)</a>
<a href="#">BONE GRAFT STRUCTURE (TIBIAL)</a>
<a href="#">BONE GRAFT STRUCTURE (ULNAR)</a>

BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT (RETIRED), renamed from BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT

Change to Attribute: Changed Name, Description, status to Retired

The type of bone graft used during [Revision Ankle Replacement Surgery](#). This item has been retired from the NHS Data Model and Dictionary.

National Codes: The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

- 4 Allograft
- 2 Autograft
- 3 Synthetic Graft

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

**BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT (RETIRED)**, renamed from BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT

Change to Attribute: Changed Name, Description, status to Retired

- Changed Name from Data\_Dictionary.Attributes.B.BONE\_GRAFT\_TYPE\_FOR\_REVISION\_ANKLE\_REPLACEMENT to Retired.Data\_Dictionary.Attributes.B.BONE\_GRAFT\_TYPE\_FOR\_REVISION\_ANKLE\_REPLACEMENT
- Changed Description
- Retired BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT

**CARE PROFESSIONAL FIRST ASSISTANT GRADE FOR JOINT REPLACEMENT**

Change to Attribute: Changed Description

The grade of the [CARE PROFESSIONAL](#) acting as a first assistant to the lead operating surgeon performing [Joint Replacement Surgery](#).

National Codes:

- 1 [CONSULTANT](#)
- 2 [Other](#)
- 15 [Other \(not listed\)](#)

**CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE FOR JOINT REPLACEMENT**

Change to Attribute: Changed Description

The grade of the lead operating surgeon performing [Joint Replacement Surgery](#).

National Codes:

- 1 [CONSULTANT](#)
- 2 [Specialist Registrar \(SPR\) / ST3-8 \(Specialty Training\)](#)
- 3 [F1-ST2 \(Foundation – Specialty Training\)](#)
- 4 [Specialty Doctor/SAS \(Staff and Associate Specialists\)](#)
- 5 [Other](#)
- 4 [Specialist Registrar \(SPR\) / ST3-8 \(Specialty Training\)](#)
- 12 [F1-ST2 \(Foundation - Specialty Training\)](#)
- 13 [Specialty Doctor/SAS \(Staff and Associate Specialists\)](#)
- 11 [Other \(not listed\)](#)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT**

Change to Attribute: New Attribute

An indication of whether cement, used in the [Primary Joint Replacement Surgery](#), is removed before the [Revision Joint Replacement Surgery](#).

National Codes:

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - cement, used in the <a href="#">Primary Joint Replacement Surgery</a> , is removed before the <a href="#">Revision Joint Replacement Surgery</a>
N	0	No - cement, used in the <a href="#">Primary Joint Replacement Surgery</a> , is not removed before the <a href="#">Revision Joint Replacement Surgery</a>

This attribute is also known by these names:

Context	Alias
plural	CEMENT REMOVAL INDICATORS FOR JOINT REPLACEMENT

**CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT**

Change to Attribute: New Attribute

### CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT

Data Elements:

CEMENT REMOVAL INDICATOR (ACETABULAR)
CEMENT REMOVAL INDICATOR (FEMORAL)

CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT\_ renamed from CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE

Change to Attribute: Changed Name, Description

The type of chemical [Thromboprophylaxis Regime](#) used as part of a [Patient Procedure](#). The type of chemical [Thromboprophylaxis Regime](#) used as part of a [Patient Procedure](#) for Joint Replacement Surgery.

National Codes:

- 4 Aspirin
- 4 Aspirin
- 2 Low Molecular Weight Heparin (LMWH)
- 3 Pentasaccharide (e.g. Fondaparinux)
- 4 Warfarin
- 5 Direct Thrombin Inhibitor (e.g. Dabigatran)
- 6 Other (Chemical)
- 7 None
- 8 Factor Xa Inhibitor (e.g. Rivaroxaban/Apixaban)
- 6 Pentasaccharide (e.g. Fondaparinux)
- 3 Warfarin
- 16 Direct Thrombin Inhibitor (e.g. Dabigatran)
- 17 Factor Xa Inhibitor (e.g. Rivaroxaban/Apixaban)
- 14 Other (not listed)
- 13 None

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT\_ renamed from CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.C.Ce.CHEMICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE to Data\_Dictionary.Attributes.C.Ce.CHEMICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE\_FOR\_JOINT\_REPLACEMENT
- Changed Description

COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT\_ renamed from COMPONENT REMOVAL INDICATOR

Change to Attribute: Changed Name, Description

An indication of whether a component was removed during Revision [Joint Replacement Surgery](#).

National Codes:

- Y Yes
- N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - a component was removed during Revision <a href="#">Joint Replacement Surgery</a>
N	0	No - a component was not removed during Revision <a href="#">Joint Replacement Surgery</a>

COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT\_ renamed from COMPONENT REMOVAL INDICATOR

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.C.Com.COMPONENT\_REMOVAL\_INDICATOR to Data\_Dictionary.Attributes.C.Com.COMPONENT\_REMOVAL\_INDICATOR\_FOR\_JOINT\_REPLACEMENT
- Changed Description

**COMPUTER GUIDED SURGERY INDICATOR FOR JOINT REPLACEMENT\_ renamed from COMPUTER GUIDED SURGERY INDICATOR**

Change to Attribute: Changed Name, Description

An indication of whether computer guided surgery was used during Primary [Joint Replacement Surgery](#).

National Codes:

- Y Yes
- N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - computer guided surgery was used during Primary <a href="#">Joint Replacement Surgery</a>
N	0	No - computer guided surgery was not used during Primary <a href="#">Joint Replacement Surgery</a>

**COMPUTER GUIDED SURGERY INDICATOR FOR JOINT REPLACEMENT\_ renamed from COMPUTER GUIDED SURGERY INDICATOR**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.C.Com.COMPUTER\_GUIDED\_SURGERY\_INDICATOR to Data\_Dictionary.Attributes.C.Com.COMPUTER\_GUIDED\_SURGERY\_INDICATOR\_FOR\_JOINT\_REPLACEMENT
- Changed Description

**DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT\_ renamed from DEGREES OF FIXED FLEXION DEFORMITY**

Change to Attribute: Changed Name, Description

The fixed flexion deformity (inability to fully straighten, bend or move a limb) in degrees of a joint subject to [Primary Knee Replacement Surgery](#).

National Codes:

- 4 Less than 10°
- 2 10° to 30°
- 3 Greater than 30°
- 2 Less than 10°
- 3 10° to 30°
- 4 Greater than 30°

**DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT\_ renamed from DEGREES OF FLEXION RANGE**

Change to Attribute: Changed Name, Description

The flexion (range of motion) in degrees of a joint subject to [Primary Knee Replacement Surgery](#).

National Codes:

- 4 Less than 70°
- 2 70° to 90°
- 3 91° to 110°
- 4 Greater than 110°
- 2 Less than 70°
- 3 70° to 90°
- 4 91° to 110°
- 5 Greater than 110°

**FIXATION TYPE FOR ELBOW REPLACEMENT**

Change to Attribute: New Attribute

The type of fixation used for [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**National Codes:**

- 1 Uncemented
- 2 Cemented
- 3 Hybrid

**This attribute is also known by these names:**

Context	Alias
plural	FIXATION TYPES FOR ELBOW REPLACEMENT

**FIXATION TYPE FOR ELBOW REPLACEMENT**

Change to Attribute: New Attribute

**FIXATION TYPE FOR ELBOW REPLACEMENT**

**Data Elements:**

<a href="#">FIXATION TYPE (ELBOW)</a>
---------------------------------------

**FIXATION TYPE FOR SHOULDER REPLACEMENT, renamed from FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT**

Change to Attribute: Changed Name, Description

The type of fixation used for [Primary Elbow Replacement Surgery](#), [Revision Elbow Replacement Surgery](#), [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#). The type of fixation used for [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**National Codes:**

- 4 Cementless
- 1 Uncemented
- 2 Cemented
- 3 Hybrid

**FIXATION TYPE FOR SHOULDER REPLACEMENT, renamed from FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.F.FIXATION\_TYPE\_FOR\_ELBOW\_OR\_SHOULDER\_REPLACEMENT to Data\_Dictionary.Attributes.F.FIXATION\_TYPE\_FOR\_SHOULDER\_REPLACEMENT
- Changed Description

**HANDEDNESS CODE FOR JOINT REPLACEMENT, renamed from HANDEDNESS CODE**

Change to Attribute: Changed Name, Description

The [PATIENT's preference for using one hand as opposed to the other](#). The [PATIENT's preference for using one hand as opposed to the other for the purpose of the National Joint Registry Data Set](#).

**National Codes:**

- 4 Left
- 2 Right
- 3 Ambidextrous
- 0 Left
- 1 Right
- 2 Ambidextrous

**HANDEDNESS CODE FOR JOINT REPLACEMENT, renamed from HANDEDNESS CODE**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.H.HANDEDNESS\_CODE to Data\_Dictionary.Attributes.H.HANDEDNESS\_CODE\_FOR\_JOINT\_REPLACEMENT
- Changed Description

HIP JOINT SURGERY PATIENT POSITION, renamed from HIP SURGERY PATIENT POSITION

Change to Attribute: Changed Name, Description

The position of the PATIENT used in a surgical approach during Primary Hip Replacement Surgery or Revision Hip Replacement Surgery.

National Codes:

- 1 Lateral
- 2 Supine
- 2 Lateral
- 3 Supine

HIP JOINT SURGERY PATIENT POSITION, renamed from HIP SURGERY PATIENT POSITION

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.H.HIP\_SURGERY\_PATIENT\_POSITION to Data\_Dictionary.Attributes.H.HIP\_JOINT\_SURGERY\_PATIENT\_POSITION
- Changed Description

IMPLANT MANUFACTURER (RETIRED), renamed from IMPLANT MANUFACTURER

Change to Attribute: Changed Name, Description, status to Retired

The manufacturer of an IMPLANT. This item has been retired from the NHS Data Model and Dictionary.

A list of manufacturers is available within the National Joint Registry web based Data Entry application. The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing information.standards@nhs.net with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

IMPLANT MANUFACTURER (RETIRED), renamed from IMPLANT MANUFACTURER

Change to Attribute: Changed Name, Description, status to Retired

- Changed Name from Data\_Dictionary.Attributes.I.IMPLANT\_MANUFACTURER to Retired.Data\_Dictionary.Attributes.I.IMPLANT\_MANUFACTURER
- Changed Description
- Retired IMPLANT MANUFACTURER

JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR

Change to Attribute: New Attribute

An indication of whether a Patient Procedure was performed for Joint Replacement Surgery for the purpose of the National Joint Registry Data Set.

National Codes:

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - a Patient Procedure was performed
N	0	No - a Patient Procedure was not performed

This attribute is also known by these names:

Context	Alias
plural	JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATORS

JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR

Change to Attribute: New Attribute

JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR

Data Elements:

LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)
LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT)
MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)
OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)

---

**JOINT REPLACEMENT REVISION REASON CODE FOR ANKLE**

---

Change to Attribute: Changed Description

The reason that a [PATIENT](#) requires [Revision Ankle Replacement Surgery](#)

National Codes:

- Infection**
- 1a High Suspicion (e.g. Pus or Confined Micro)
- 1b Low Suspicion (Awaiting Micro-History)
- Aseptic Loosening**
- 2a Tibial Component
- 2b Talar Component
- Lysis**
- 3a Tibia
- 3b Talus
- 04 Malalignment
- Implant Fracture**
- 5a Tibial Component
- 5b Talar Component
- 5c Meniscal Component
- 06 Wear of Polyethylene Component
- 07 Meniscal Insert Dislocation
- 08 Component Migration/Dissociation
- 09 Unexplained Pain
- 10 Stiffness
- 11 Soft Tissue Impingement
- 12 Other
- Infection**
- 0 High Suspicion (e.g. Pus or Confined Micro)
- 1 Low Suspicion (Awaiting Micro-History)
- Aseptic Loosening**
- 2 Tibial Component Aseptic Loosening
- 3 Talar Component Aseptic Loosening
- Lysis**
- 4 Tibia
- 5 Talus
- 6 Malalignment
- Implant Fracture**
- 7 Tibial Component Implant Fracture
- 8 Talar Component Implant Fracture
- 9 Meniscal Component
- 10 Wear of Polyethylene Component
- 11 Meniscal Insert Dislocation
- 12 Component Migration/Dissociation
- 13 Unexplained Pain
- 14 Stiffness
- 15 Soft Tissue Impingement
- 16 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

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**JOINT REPLACEMENT REVISION REASON CODE FOR ELBOW**

---

Change to Attribute: Changed Description

The reason that a [PATIENT](#) requires [Revision Elbow Replacement Surgery](#).

National Codes:

- 1 Infection
- 2 Instability
- 3 Aseptic Loosening
- 4 Periprosthetic Fracture
- 5 Other (Retired 31 October 2014)
- 6 Failed Hemi arthroplasty
- 9 Other
- 3 Instability

- 5 Aseptic Loosening
- 2 Peri-Prosthetic Fracture
- 14 Failed Hemi-Arthroplasty
- 4 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**JOINT REPLACEMENT REVISION REASON CODE FOR HIP**

Change to Attribute: Changed Description

The reason that a [PATIENT](#) requires [Revision Hip Replacement Surgery](#).

National Codes:

- Aseptic Loosening**
- 1a Stem
- 1b Socket
- Implant Fracture
- 2a Stem
- 2b Socket
- 2c Head
- Head/Socket Mismatch
- 3a Socket
- 3b Head
- Lysis
- 4a Stem
- 4b Socket
- Malalignment
- 5a Stem
- 5b Socket
- Periprosthetic Fracture
- 6a Stem
- 6b Socket
- 07 Dislocation/ Subluxation
- 08 Infection
- 09 Unexplained Pain
- 10 Wear of Acetabular Component
- 11 Dissociation of Liner
- 12 Adverse Soft Tissue Reaction to Particulate Debris
- 13 Other
- Aseptic Loosening**
- 100 Stem Aseptic Loosening
- 101 Socket Aseptic Loosening
- Implant Fracture**
- 102 Stem Implant Fracture
- 103 Socket Implant Fracture
- Head/Socket Mismatch**
- 120 Socket Head/Socket Mismatch
- 121 Head
- Lysis**
- 106 Stem Lysis
- 107 Socket Lysis
- Malalignment**
- 108 Stem Malalignment
- 109 Socket Malalignment
- Periprosthetic Fracture**
- 110 Stem Periprosthetic Fracture
- 111 Socket Periprosthetic Fracture
- 112 Dislocation/ Subluxation
- 113 Infection
- 114 Unexplained Pain
- 115 Wear of Acetabular Component
- 116 Dissociation of Liner
- 122 Adverse Soft Tissue Reaction to Particulate Debris
- 119 **Other (not listed)**

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**JOINT REPLACEMENT REVISION REASON CODE FOR KNEE**

---

Change to Attribute: Changed Description

The reason that a [PATIENT](#) requires [Revision Knee Replacement Surgery](#).

National Codes:

	<b>Aseptic Loosening</b>
1a	Femur
1b	Tibia
1c	Patella
02	Infection
03	Dislocation/ Subluxation
	<b>Lysis</b>
4a	Femur
4b	Tibia
05	Instability
06	<del>Wear of Polyethylene Component</del>
07	Component Dissociation
08	Unexplained Pain
09	Malalignment
10	<del>Periprosthetic Fracture</del>
11	Implant Fracture
12	Stiffness
13	Other
	<b>Aseptic Loosening</b>
1	Femur Aseptic Loosening
2	Tibia Aseptic Loosening
16	Patella
3	Infection
4	Dislocation/ Subluxation
	<b>Lysis</b>
5	Femur Lysis
6	Tibia Lysis
7	<b>Instability</b>
8	<b>Wear of Polyethylene Component</b>
9	<b>Component Dissociation</b>
10	<b>Unexplained Pain</b>
11	<b>Malalignment</b>
12	<b>Peri-prosthetic Fracture</b>
13	<b>Implant Fracture</b>
14	<b>Stiffness</b>
18	<b>Progressive Arthritis Remaining Knee</b>
17	<b>Other (not listed)</b>

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**JOINT REPLACEMENT REVISION REASON CODE FOR SHOULDER**

---

Change to Attribute: Changed Description

The reason that a [PATIENT](#) requires [Revision Shoulder Replacement Surgery](#).

National Codes:

1	<del>Infection</del>
2	<del>Instability</del>
3	<del>Cuff Insufficiency</del>
4	<del>Aseptic Loosening</del>
5	<del>Periprosthetic Fracture</del>
6	<del>Conversion Hemi to Total</del>
7	<del>Conversion Total to Hemi</del>
8	<del>Other</del>
6	Infection
8	Instability
10	Cuff Insufficiency
15	Aseptic Loosening Humerus
16	Aseptic Loosening Glenoid

- 7 Peri-prosthetic Fracture
- 17 Stiffness
- 18 Impingement
- 19 Component dissociation
- 20 Glenoid Implant Wear
- 21 Native Glenoid Surface Erosion
- 22 Implant Fracture
- Lysis**
- 23 Humerus
- 24 Glenoid
- 25 Dislocation/Subluxation
- 26 Unexplained Pain
- 13 **Other (not listed)**

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT**

Change to Attribute: New Attribute

An indication of whether the joint liner is extracted during the Revision Joint Replacement Surgery.

*National Codes:*

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - the joint liner is extracted during the Revision <u>Joint Replacement Surgery</u>
N	0	No - the joint liner is not extracted during the Revision <u>Joint Replacement Surgery</u>

**This attribute is also known by these names:**

Context	Alias
plural	LINER REMOVAL INDICATORS FOR JOINT REPLACEMENT

**LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT**

Change to Attribute: New Attribute

**LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT**

Data Elements:

<u>LINER REMOVAL INDICATOR (ACETABULAR)</u>
<u>LINER REMOVAL INDICATOR (TIBIAL)</u>

**LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

An indication of whether the Long Head Biceps (LHB) is present in a PATIENT during Primary Shoulder Replacement Surgery or Revision Shoulder Replacement Surgery.

*National Codes:*

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - the Long Head Biceps is present in a <u>PATIENT</u> during <u>Primary Shoulder Replacement Surgery</u> or <u>Revision Shoulder Replacement Surgery</u>
N	0	No - the Long Head Biceps is not present in a <u>PATIENT</u> during <u>Primary Shoulder Replacement Surgery</u> or <u>Revision Shoulder Replacement Surgery</u>

**This attribute is also known by these names:**

Context	Alias
plural	LONG HEAD BICEPS PRESENT INDICATORS FOR SHOULDER REPLACEMENT

**LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

**LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT**

Data Elements:

--

**LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)**

**LONG HEAD BICEPS TENOTOMY INDICATOR (RETIRED), renamed from LONG HEAD BICEPS TENOTOMY INDICATOR**

Change to Attribute: Changed Name, Description, status to Retired

An indication of whether a [PATIENT](#) requiring [Primary Shoulder Replacement Surgery](#) and [Revision Shoulder Replacement Surgery](#) has had a Long Head Biceps (LHB) tenotomy (cutting of a tendon). **This item has been retired from the NHS Data Model and Dictionary.**

**National Codes:** The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Y Yes  
N No

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

**LONG HEAD BICEPS TENOTOMY INDICATOR (RETIRED), renamed from LONG HEAD BICEPS TENOTOMY INDICATOR**

Change to Attribute: Changed Name, Description, status to Retired

- Changed Name from Data\_Dictionary.Attributes.L.Lo.LONG\_HEAD\_BICEPS\_TENOTOMY\_INDICATOR to Retired.Data\_Dictionary.Attributes.L.LONG\_HEAD\_BICEPS\_TENOTOMY\_INDICATOR
- Changed Description
- Retired LONG HEAD BICEPS TENOTOMY INDICATOR

**MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT, renamed from MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE**

Change to Attribute: Changed Name, Description

The type of mechanical [Thromboprophylaxis Regime](#) used as part of a [Patient Procedure](#). The type of mechanical [Thromboprophylaxis Regime](#) used as part of a [Patient Procedure](#) for [Joint Replacement Surgery](#).

**National Codes:**

- 4 Foot Pump
- 2 Intermittent Calf Compression
- 3 TED (Thrombo-Embolus Deterrent) Stockings
- 4 Other (Mechanical)
- 5 None
- 9 Foot Pump
- 10 Intermittent Calf Compression
- 8 TED (Thrombo-Embolus Deterrent) Stockings
- 15 Other (not listed)
- 12 None

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT, renamed from MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE**

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.M.MECHANICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE to Data\_Dictionary.Attributes.M.MECHANICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE\_FOR\_JOINT\_REPLACEMENT
- Changed Description

**MINIMALLY INVASIVE SURGERY INDICATOR FOR JOINT REPLACEMENT, renamed from MINIMALLY INVASIVE SURGERY INDICATOR**

Change to Attribute: Changed Name, Description

An indication of whether minimally invasive surgery was used during Primary [Joint Replacement Surgery](#).

**National Codes:**

Y Yes  
N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - minimally invasive surgery was used during <a href="#">Primary Joint</a>

N

0

[Replacement Surgery](#)  
No - minimally invasive surgery was not used during Primary Joint Replacement Surgery

---

**MINIMALLY INVASIVE SURGERY INDICATOR FOR JOINT REPLACEMENT, renamed from MINIMALLY INVASIVE SURGERY INDICATOR**

---

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.M.Mi.MINIMALLY\_INVASIVE\_SURGERY\_INDICATOR to Data\_Dictionary.Attributes.M.Mi.MINIMALLY\_INVASIVE\_SURGERY\_INDICATOR\_FOR\_JOINT\_REPLACEMENT
- Changed Description

---

**PATIENT DIAGNOSIS INDICATION FOR PRIMARY ANKLE REPLACEMENT**

---

Change to Attribute: Changed Description

The [PATIENT DIAGNOSIS](#) that indicates that a [PATIENT](#) requires [Primary Ankle Replacement Surgery](#).

*National Codes:*

- 1 Osteoarthritis
- 2 Other Inflammatory Arthropathy
- 3 Rheumatoid Arthritis
- 4 Other
- 44 Osteoarthritis
- 46 Rheumatoid Arthritis
- 45 Other Inflammatory Arthropathy
- 47 Other (Not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**PATIENT DIAGNOSIS INDICATION FOR PRIMARY ELBOW REPLACEMENT**

---

Change to Attribute: Changed Description

The [PATIENT DIAGNOSIS](#) that indicates that a [PATIENT](#) requires [Primary Elbow Replacement Surgery](#).

*National Codes:*

- 1 Osteoarthritis
- 2 Other Inflammatory Arthropathy
- 3 Essex Lopresti
- 4 Avascular Necrosis
- 5 Other Acute Trauma
- 6 Trauma Sequelae
- 7 Failed Hemi arthroplasty (Retired 31 October 2014)
- 8 Other
- 28 Osteoarthritis
- 30 Inflammatory Arthropathy
- 32 Essex Lopresti
- 34 Avascular Necrosis (AVN)
- 29 Other Acute Trauma
- 31 Trauma Sequelae
- 35 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**PATIENT DIAGNOSIS INDICATION FOR PRIMARY HIP REPLACEMENT**

---

Change to Attribute: Changed Description

The [PATIENT DIAGNOSIS](#) that indicates that a [PATIENT](#) requires [Primary Hip Replacement Surgery](#).

National Codes:

- 01 Osteoarthritis
- 02 Inflammatory Arthropathy
- 03 Congenital Dislocation/ Dysplasia of The Hip
- 04 Avascular Necrosis
- 05 Trauma - Acute (Neck of Femur)
- 06 Failed Hemi-arthroplasty
- 07 Trauma - Chronic
- 08 Previous Hip Surgery - Non Trauma Related
- 09 Previous Arthrodesis
- 10 Previous Infection
- 11 Other (Retired 31 October 2014)
- 12 Slipped Upper Femoral Epiphysis (SUFE)
- 13 Perthes
- 14 Skeletal Dysplasia
- 15 Metastatic Cancer/Malignancy
- 99 Other
- 18 Osteoarthritis
- 24 Trauma - Chronic
- 14 Inflammatory Arthropathy
- 25 Previous Hip Surgery - Non Trauma Related
- 3 Congenital Dislocation/ Dysplasia of the Hip
- 10 Previous Arthrodesis
- 2 Avascular Necrosis (AVN)
- 26 Previous Infection
- 23 Trauma - Acute (e.g. Neck of Femur)
- 48 Slipped Upper Femoral Epiphysis (SUFE)
- 9 Failed Hemi-arthroplasty
- 49 Perthes
- 50 Skeletal Dysplasia
- 51 Metastatic Cancer/Malignancy
- 27 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

PATIENT DIAGNOSIS INDICATION FOR PRIMARY KNEE REPLACEMENT

---

Change to Attribute: Changed Description

The [PATIENT DIAGNOSIS](#) that indicates that a [PATIENT](#) requires [Primary Knee Replacement Surgery](#).

National Codes:

- 4 Osteoarthritis
- 2 Avascular Necrosis
- 3 Other Inflammatory Arthropathy
- 4 Previous Infection
- 5 Rheumatoid Arthritis
- 6 Previous Trauma
- 7 Other
- 18 Osteoarthritis
- 19 Rheumatoid Arthritis
- 2 Avascular Necrosis (AVN)
- 21 Previous Trauma
- 14 Other Inflammatory Arthropathy
- 26 Previous Infection
- 27 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT

---

Change to Attribute: Changed Description

The [PATIENT DIAGNOSIS](#) that indicates that a [PATIENT](#) requires [Primary Shoulder Replacement Surgery](#).

National Codes:

- 4 Osteoarthritis
- 2 Cuff Tear Arthropathy
- 3 Inflammatory arthropathy
- 4 Avascular Necrosis
- 5 Acute Trauma
- 6 Trauma Sequelae
- 7 Other (Retired 31 October 2014)
- 8 Metastatic Cancer/Malignancy
- 9 Other
- 36 Osteoarthritis
- 37 Avascular Necrosis (AVN)
- 38 Cuff Tear Arthropathy
- 53 Cuff Tear without Arthropathy
- 39 Acute Fracture
- 40 Inflammatory Arthropathy
- 41 Trauma Sequelae
- 52 Metastatic Cancer/Malignancy
- 54 Dislocation Arthropathy
- 42 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

#### PATIENT PROCEDURE PERFORMED INDICATOR

Change to Attribute: Changed Description

An indication of whether a [Patient Procedure](#) was performed.

National Codes:

- Y Yes - a [Patient Procedure](#) was performed
- N No - a [Patient Procedure](#) was not performed

#### PATIENT PROCEDURE TYPE FOR PRIMARY ANKLE REPLACEMENT

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Primary Ankle Replacement Surgery](#). The type of [Patient Procedure](#) performed on a [PATIENT](#) during [Primary Ankle Replacement Surgery](#).

National Codes:

- 4 Primary Total Prosthetic Replacement Using Cement
- 2 Primary Total Prosthetic Replacement Not Using Cement
- 3 Primary Total Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)
- 3 Primary Total Prosthetic Replacement Not Using Cement
- 2 Primary Total Prosthetic Replacement Using Cement
- 5 Primary Total Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

#### PATIENT PROCEDURE TYPE FOR PRIMARY ELBOW REPLACEMENT

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Primary Elbow Replacement Surgery](#). The type of [Patient Procedure](#) performed on a [PATIENT](#) during [Primary Elbow Replacement Surgery](#).

National Codes:

- 4 Primary Total Prosthetic Replacement
- 2 Primary Radial Head Replacement
- 3 Lateral Resurfacing
- 20 Total Prosthetic Replacement
- 21 Radial Head Replacement
- 22 Lateral Resurfacing
- 57 Distal Humeral Hemi Arthroplasty

---

**PATIENT PROCEDURE TYPE FOR PRIMARY HIP REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Primary Hip Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Primary Hip Replacement Surgery](#).

National Codes:

- 4 Primary Total Prosthetic Replacement Using Cement
- 2 Primary Total Prosthetic Replacement Not Using Cement
- 3 Primary Resurfacing Arthroplasty of Joint
- 4 Primary Total Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)
- 2 Primary Total Prosthetic Replacement Using Cement
- 3 Primary Total Prosthetic Replacement Not Using Cement
- 4 Primary Resurfacing Arthroplasty of Joint
- 5 Primary Total Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)
- 36 Conversion of Hemi Arthroplasty to Total Primary Hip Replacement
- 37 Conversion of Hemi Arthroplasty to Primary Hip Replacement Retaining Femoral Stem

---

**PATIENT PROCEDURE TYPE FOR PRIMARY KNEE REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Primary Knee Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Primary Knee Replacement Surgery](#).

National Codes:

- 4 Primary Total Prosthetic Replacement Using Cement
- 2 Primary Total Prosthetic Replacement Not Using Cement
- 3 Unicompartmental Knee Replacement (Retired 31 October 2014)
- 4 Patello-Femoral Replacement
- 2 Primary Total Prosthetic Replacement Using Cement
- 3 Primary Total Prosthetic Replacement Not Using Cement
- Unicompartmental Knee Replacement**
- 101 Medial
- 102 Lateral
- 103 Patello-Femoral
- 5 Primary Total Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)
- 6 Unicompartmental Knee Replacement – Medial
- 7 Unicompartmental Knee Replacement – Lateral

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**PATIENT PROCEDURE TYPE FOR PRIMARY SHOULDER REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Primary Shoulder Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Primary Shoulder Replacement Surgery](#).

National Codes:

- 4 Primary Total Prosthetic Replacement
- 2 Primary Hemi-arthroplasty of Joint
- 3 Primary Resurfacing Arthroplasty of Joint
- 4 Primary Resurfacing Hemi-arthroplasty of Joint
- 5 Primary Reverse Polarity Prosthetic Replacement
- 39 Resurfacing Total Arthroplasty
- 40 Resurfacing Hemi-Arthroplasty
- 41 Stemless Conventional Total Arthroplasty
- 42 Stemless Hemi-Arthroplasty
- 43 Stemless Total Reverse Arthroplasty
- 44 Stemmed Conventional Total Arthroplasty
- 45 Stemmed Hemi-Arthroplasty
- 46 Stemmed Total Reverse Arthroplasty
- 47 Interpositional Arthroplasty (Glenohumeral)

---

**PATIENT PROCEDURE TYPE FOR REVISION ANKLE REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Revision Ankle Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Revision Ankle Replacement Surgery](#).

National Codes:

- 1 Prosthetic Replacement Not Using Cement
- 2 Prosthetic Replacement Using Cement
- 3 Prosthetic Replacement Not Classified Elsewhere (e.g. Hybrid)
- 4 Conversion to Ankle Fusion (Subtalar joint not fused)
- 5 Conversion to Ankle and Subtalar Fusion (using TTC—Tibiotalocalcaneal Nail)
- 6 Conversion to Ankle and Subtalar Fusion (not using TTC—Tibiotalocalcaneal Nail)
- 7 Conversion to Pantalar Fusion
- 17 Prosthetic Replacement Not Using Cement
- 18 Prosthetic Replacement Using Cement
- 12 Ankle Fusion (subtalar joint not fused at this sitting)
- 13 Ankle and Subtalar Fusion (using TTC (Tibiotalocalcaneal) nail)
- 14 Ankle and Subtalar Fusion (not using TTC (Tibiotalocalcaneal) nail)
- 15 Pantalar Fusion
- 59 Debridement and Implant Retention (DAIR) with Modular Exchange
- 60 Debridement and Implant Retention (DAIR) without Modular Exchange
- 64 Modular Exchange for indications other than infection
- 19 Prosthetic replacement not classified elsewhere (e.g. hybrid)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**PATIENT PROCEDURE TYPE FOR REVISION ELBOW REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Revision Elbow Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Revision Elbow Replacement Surgery](#).

National Codes:

- 4 Revision Total Prosthetic Replacement
- 2 Revision Radial Head Replacement
- 3 Revision to Lateral Resurfacing
- 23 Revision Total Prosthetic Replacement
- 24 Revision Radial Head Replacement
- 25 Revision Lateral Resurfacing
- 58 Revision Distal Humeral Hemi Arthroplasty
- 59 Debridement and Implant Retention (DAIR) with Modular Exchange
- 60 Debridement and Implant Retention (DAIR) without Modular Exchange
- 64 Modular Exchange for indications other than infection

---

**PATIENT PROCEDURE TYPE FOR REVISION HIP REPLACEMENT**

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed on a [PATIENT](#) who requires [Revision Hip Replacement Surgery](#). The type of Patient Procedure performed on a [PATIENT](#) during [Revision Hip Replacement Surgery](#).

National Codes:

- 4 Revision Using Cement
- 2 Revision Not Using Cement
- 3 Revision of and to Resurfacing Arthroplasty
- 4 Revision Not Classified elsewhere (e.g. Hybrid)
- 6 Revision Using Cement
- 7 Revision Not Using Cement
- 8 Revision of and to Resurfacing Arthroplasty
- 59 Debridement and Implant Retention (DAIR) with Modular Exchange
- 60 Debridement and Implant Retention (DAIR) without Modular Exchange
- 61 Application Posterior Lip Augmentation Device (PLAD)
- 64 Modular Exchange for indications other than infection

9 Revision Not Classified elsewhere (e.g. Hybrid)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**PATIENT PROCEDURE TYPE FOR REVISION KNEE REPLACEMENT**

Change to Attribute: Changed Description

The type of Patient Procedure performed on a PATIENT who requires Revision Knee Replacement Surgery. The type of Patient Procedure performed on a PATIENT during Revision Knee Replacement Surgery.

National Codes:

- 4 Revision Using Cement
- 2 Revision Not Using Cement
- 3 Revision Not Classified Elsewhere (e.g. Hybrid)
- 6 Revision Using Cement
- 7 Revision Not Using Cement
- 62 Secondary Resurfacing of Patella
- 38 Partial Replacement Second Compartment of Knee (Uni (Unicompartmental) or PFR (Patellofemoral Replacement (PFR)))
- 59 Debridement and Implant Retention (DAIR) with Modular Exchange
- 60 Debridement and Implant Retention (DAIR) without Modular Exchange
- 64 Modular Exchange for indications other than infection
- 9 Revision Not Classified Elsewhere (e.g. Hybrid)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**PATIENT PROCEDURE TYPE FOR REVISION SHOULDER REPLACEMENT**

Change to Attribute: Changed Description

The type of Patient Procedure performed on a PATIENT who requires Revision Shoulder Replacement Surgery. The type of Patient Procedure performed on a PATIENT during Revision Shoulder Replacement Surgery.

National Codes:

- 4 Revision Total Prosthetic Replacement
- 2 Revision Hemi arthroplasty of Joint
- 3 Revision Resurfacing Arthroplasty of Joint
- 4 Revision Resurfacing Hemi arthroplasty of Joint
- 5 Revision Reverse Polarity Prosthetic Replacement
- 48 Revision Resurfacing Total Arthroplasty
- 49 Revision Resurfacing Hemi-Arthroplasty
- 50 Revision Stemless Conventional Total Arthroplasty
- 51 Revision Stemless Hemi-Arthroplasty
- 52 Revision Stemless Total Reverse Arthroplasty
- 53 Revision Stemmed Conventional Total Arthroplasty
- 54 Revision Stemmed Hemi-Arthroplasty
- 55 Revision Stemmed Total Reverse Arthroplasty
- 56 Revision Glenohumeral Interpositional Arthroplasty
- 59 Debridement and Implant Retention (DAIR) with Modular Exchange
- 60 Debridement and Implant Retention (DAIR) without Modular Exchange
- 64 Modular Exchange for indications other than infection

**PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR SHOULDER OR KNEE REPLACEMENT**, renamed from PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR KNEE REPLACEMENT

Change to Attribute: Changed Name, Description

An indication of whether specific instruments were used for a PATIENT for Primary Knee Replacement Surgery or Revision Knee Replacement Surgery. An indication of whether specific instruments were used for a PATIENT for Primary Shoulder Replacement Surgery, Revision Shoulder Replacement Surgery, Primary Knee Replacement Surgery or Revision Knee Replacement Surgery.

National Codes:

- Y Yes PATIENT specific instruments were used
- N No PATIENT specific instruments were not used

CODE	NJR CODE	DESCRIPTION
Y	1	

N

0

Yes - PATIENT specific instruments were used  
No - PATIENT specific instruments were not used

**PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR SHOULDER OR KNEE REPLACEMENT** \_renamed from PATIENT SPECIFIC INSTRUMENTS INDICATOR FOR KNEE REPLACEMENT

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.P.Pati.PATIENT\_SPECIFIC\_INSTRUMENTS\_INDICATOR\_FOR\_KNEE\_REPLACEMENT to Data\_Dictionary.Attributes.P.Pati.PATIENT\_SPECIFIC\_INSTRUMENTS\_INDICATOR\_FOR\_SHOULDER\_OR\_KNEE\_REPLACEMENT
- Changed Description

**PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT** \_renamed from PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT

Change to Attribute: Changed Name, Description

An indication of whether the PATIENT, subject to Primary Ankle Replacement Surgery, had a previous bony infection of the tibia or hindfoot.

National Codes:

Y Yes  
N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - the PATIENT had a previous bony infection of the tibia or hindfoot
N	0	No - the PATIENT did not have a previous bony infection of the tibia or hindfoot

**PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT** \_renamed from PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_BONY\_INFECTION\_INDICATOR\_OF\_TIBIA\_OR\_HINDFOOT to Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_BONY\_INFECTION\_INDICATOR\_OF\_TIBIA\_OR\_HINDFOOT\_FOR\_ANKLE\_REPLACEMENT
- Changed Description

**PREVIOUS FRACTURE OF INDEX JOINT INDICATOR FOR ANKLE REPLACEMENT** \_renamed from PREVIOUS FRACTURE INDICATOR FOR ANKLE REPLACEMENT

Change to Attribute: Changed Name, Description

An indication of whether the PATIENT had a previous fracture of the joint subject to Primary Ankle Replacement Surgery. An indication of whether the PATIENT, subject to Primary Ankle Replacement Surgery, had a previous fracture of the index joint.

National Codes:

Y Yes  
N No

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - the PATIENT had a previous fracture of the joint subject to Primary Ankle Replacement Surgery

---

**PREVIOUS FRACTURE OF INDEX JOINT INDICATOR FOR ANKLE REPLACEMENT, renamed from PREVIOUS FRACTURE INDICATOR FOR ANKLE REPLACEMENT**

---

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_FRACTURE\_INDICATOR\_FOR\_ANKLE\_REPLACEMENT to Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_FRACTURE\_OF\_INDEX\_JOINT\_INDICATOR\_FOR\_ANKLE\_REPLACEMENT
- Changed Description

---

**PREVIOUS INDEX JOINT SURGERY TYPE FOR ANKLE REPLACEMENT, renamed from PREVIOUS SURGERY TYPE FOR ANKLE JOINT**

---

Change to Attribute: Changed Name, Description

The type of previous surgery the PATIENT had on the index joint undergoing Primary Ankle Replacement Surgery. The type of previous surgery undertaken on the index joint that is subject to Primary Ankle Replacement Surgery.

National Codes:

- |   |                                    |
|---|------------------------------------|
| 1 | None                               |
| 2 | <del>Distal Tibial Osteotomy</del> |
| 3 | Internal Fixation                  |
| 2 | Distal Tibial Osteotomy            |
| 4 | Arthrodesis                        |
| 5 | Other (not listed)                 |

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**PREVIOUS INDEX JOINT SURGERY TYPE FOR ANKLE REPLACEMENT, renamed from PREVIOUS SURGERY TYPE FOR ANKLE JOINT**

---

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_SURGERY\_TYPE\_FOR\_ANKLE\_JOINT to Data\_Dictionary.Attributes.P.Prev.PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_FOR\_ANKLE\_REPLACEMENT
- Changed Description

---

**PREVIOUS SURGERY TYPE FOR SHOULDER REPLACEMENT**

---

Change to Attribute: Changed Description

The type of previous surgery the PATIENT had on a shoulder, subject to Primary Shoulder Replacement Surgery. The type of previous surgery undertaken on the PATIENT during Primary Shoulder Replacement Surgery.

National Codes:

- |    |  |
|----|--|
| 4  | <del>None</del>                                    |
| 2  | <del>Stabilisation</del>                           |
| 3  | <del>Cuff Repair</del>                             |
| 4  | <del>Excision ACJ (Acromio-Clavicular Joint)</del> |
| 5  | <del>Subacromial Decompression</del>               |
| 6  | <del>Other</del>                                   |
| 0  | None   |
| 7  | Fracture   |
| 8  | Instability  |
| 9  | Impingement  |
| 10 | Cuff Tear  |
| 11 | Gleno-humeral arthritis                            |
| 12 | Previous arthrodesis                               |
| 5  | Other (not listed)                                 |

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

REVISION PROCEDURE TYPE FOR ANKLE REPLACEMENT, renamed from REVISION PROCEDURE TYPE FOR ANKLE OR KNEE REPLACEMENT

---

Change to Attribute: Changed Name, Description

The type of [Patient Procedure](#) performed during ~~[Revision Ankle Replacement Surgery](#)~~ or ~~[Revision Knee Replacement Surgery](#)~~. The type of [Patient Procedure](#) performed during [Revision Ankle Replacement Surgery](#).

National Codes:

- A Single Stage Revision
- B Stage 1 of 2 Stage Revision
- C Stage 2 of 2 Stage Revision
- D Conversion to Arthrodesis
- E Amputation
- 33 Single Stage Revision (includes modular exchange for indications other than infection)
- 34 Stage 1 of 2 Stage Revision
- 35 Stage 2 of 2 Stage Revision
- 36 Conversion to Arthrodesis
- 37 Amputation
- 54 Debridement and implant retention (DAIR)

---

REVISION PROCEDURE TYPE FOR ANKLE REPLACEMENT, renamed from REVISION PROCEDURE TYPE FOR ANKLE OR KNEE REPLACEMENT

---

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.R.Resp.REVISION\_PROCEDURE\_TYPE\_FOR\_ANKLE\_OR\_KNEE\_REPLACEMENT to Data\_Dictionary.Attributes.R.Resp.REVISION\_PROCEDURE\_TYPE\_FOR\_ANKLE\_REPLACEMENT
- Changed Description

---

REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT, renamed from REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT

---

Change to Attribute: Changed Name, Description

The type of [Patient Procedure](#) performed during ~~[Revision Elbow Replacement Surgery](#)~~ or ~~[Revision Shoulder Replacement Surgery](#)~~. The type of [Patient Procedure](#) performed during [Revision Elbow Replacement Surgery](#).

National Codes:

- A Single Stage Revision
- B Stage 1 of 2 Stage Revision
- C Stage 2 of 2 Stage Revision
- D Conversion to arthrodesis
- E Excision Arthroplasty
- F Amputation
- 39 Single Stage Revision (includes modular exchange for indications other than infection)
- 40 Stage 1 of 2 Stage Revision
- 41 Stage 2 of 2 Stage Revision
- 42 Conversion to arthrodesis
- 43 Excision Arthroplasty
- 44 Amputation
- 55 Debridement and Implant Retention (DAIR)

---

REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT, renamed from REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT

---

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.R.Resp.REVISION\_PROCEDURE\_TYPE\_FOR\_ELBOW\_OR\_SHOULDER\_REPLACEMENT to Data\_Dictionary.Attributes.R.Resp.REVISION\_PROCEDURE\_TYPE\_FOR\_ELBOW\_REPLACEMENT
- Changed Description

---

REVISION PROCEDURE TYPE FOR HIP REPLACEMENT

---

Change to Attribute: Changed Description

The type of [Patient Procedure](#) performed during [Revision Hip Replacement Surgery](#).

National Codes:

- A Single Stage Revision
- B Stage 1 of 2 Stage Revision
- C Stage 2 of 2 Stage Revision
- D Excision Arthroplasty

- 5 Single stage revision (includes modular exchange for indications other than infection)
- 7 Stage 1 of 2 Stage Revision
- 8 Stage 2 of 2 Stage Revision
- 11 Excision Arthroplasty
- 52 Debridement and Implant Retention (DAIR)

**REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT**

Change to Attribute: New Attribute

The type of Patient Procedure performed during Revision Knee Replacement Surgery.

National Codes:

- 6 Single stage revision (includes modular exchange for indications other than infection)
- 9 Stage 1 of 2 Stage Revision
- 10 Stage 2 of 2 Stage Revision
- 12 Conversion to Arthrodesis
- 13 Amputation
- 53 Debridement and Implant Retention (DAIR)

This attribute is also known by these names:

Context	Alias
plural	REVISION PROCEDURE TYPES FOR KNEE REPLACEMENT

**REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT**

Change to Attribute: New Attribute

**REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT**

Data Elements:

REVISION PROCEDURE TYPE (KNEE REPLACEMENT)
--

**REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

The type of Patient Procedure performed during Revision Shoulder Replacement Surgery.

National Codes:

- 46 Single Stage Revision (includes modular exchange for indications other than infection)
- 47 Stage 1 of 2 Stage Revision
- 48 Stage 2 of 2 Stage Revision
- 49 Conversion to arthrodesis
- 50 Excision Arthroplasty
- 51 Amputation
- 56 Debridement and Implant Retention (DAIR)

This attribute is also known by these names:

Context	Alias
plural	REVISION PROCEDURE TYPES FOR SHOULDER REPLACEMENT

**REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

**REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT**

Data Elements:

REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)
--

**ROTATOR CUFF CONDITION FOR SHOULDER REPLACEMENT\_ renamed from ROTATOR CUFF CONDITION**

Change to Attribute: Changed Name, Description

The condition of the rotator cuff subject to [Primary Shoulder Replacement Surgery](#) and [Revision Shoulder Replacement Surgery](#). The condition of the rotator cuff subject to [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

National Codes:

- 1 Normal
- 2 Attenuated
- 3 Absent/Torn
- 4 ~~Repaired~~
- 4 Repaired (Retired 04 June 2018)

**ROTATOR CUFF CONDITION FOR SHOULDER REPLACEMENT**, renamed from ROTATOR CUFF CONDITION

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.R.Resp.ROTATOR\_CUFF\_CONDITION to Data\_Dictionary.Attributes.R.Resp.ROTATOR\_CUFF\_CONDITION\_FOR\_SHOULDER\_REPLACEMENT
- Changed Description

**ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

An indication of whether the rotator cuff has been repaired during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

National Codes:

CODE	NJR CODE	DESCRIPTION
Y	1	Yes - the rotator cuff has been repaired during <a href="#">Primary Shoulder Replacement Surgery</a> and <a href="#">Revision Shoulder Replacement Surgery</a>
N	0	No - the rotator cuff has not been repaired during <a href="#">Primary Shoulder Replacement Surgery</a> and <a href="#">Revision Shoulder Replacement Surgery</a>

**This attribute is also known by these names:**

Context	Alias
plural	ROTATOR CUFF REPAIRED INDICATORS FOR SHOULDER REPLACEMENT

**ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

**ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT**

Data Elements:

<a href="#">ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)</a>
--

**ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

The type of repair carried out on the rotator cuff during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

[ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT](#) is recorded where [ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT](#) is National Code 'Yes'.

National Codes:

- 2 Primary repair
- 3 Augmented patch repair

**This attribute is also known by these names:**

Context	Alias
plural	ROTATOR CUFF REPAIR TYPES FOR SHOULDER REPLACEMENT

**ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT**

Change to Attribute: New Attribute

## ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT

Data Elements:

ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)

SUBTALAR JOINT MOVEMENT CODE FOR PRIMARY ANKLE REPLACEMENT\_ renamed from SUBTALAR JOINT MOVEMENT CODE

Change to Attribute: Changed Name, Description

The movement of the subtalar joint prior to [Primary Ankle Replacement Surgery](#).

National Codes:

- 1 Normal Range of Movement (ROM) - compared to opposite side
- 2 Stiff - compared to opposite side
- 4 Joint has been fused

SUBTALAR JOINT MOVEMENT CODE FOR PRIMARY ANKLE REPLACEMENT\_ renamed from SUBTALAR JOINT MOVEMENT CODE

Change to Attribute: Changed Name, Description

- Changed Name from Data\_Dictionary.Attributes.S.Stan.SUBTALAR\_JOINT\_MOVEMENT\_CODE to Data\_Dictionary.Attributes.S.Stan.SUBTALAR\_JOINT\_MOVEMENT\_CODE\_FOR\_PRIMARY\_ANKLE\_REPLACEMENT
- Changed Description

SURGICAL APPROACH FOR PRIMARY HIP REPLACEMENT

Change to Attribute: Changed Description

The surgical approach used during [Primary Hip Replacement Surgery](#).

National Codes:

- 4 ~~Hardinge~~
- 2 ~~Posterior~~
- 3 ~~Trochanteric Osteotomy~~
- 4 ~~Other~~
- 6 Hardinge/Anterolateral
- 5 Posterior
- 7 Trochanteric Osteotomy
- 10 Direct Anterior
- 8 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

SURGICAL APPROACH FOR PRIMARY KNEE REPLACEMENT

Change to Attribute: Changed Description

The surgical approach used during [Primary Knee Replacement Surgery](#).

National Codes:

- 4 ~~Lateral Parapatellar~~
- 2 ~~Medial Parapatellar~~
- 3 ~~Sub-vastus~~
- 4 ~~Mid-Vastus~~
- 5 ~~Other~~
- 3 Lateral Parapatellar
- 5 Sub-vastus
- 7 Mid-Vastus
- 6 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

SURGICAL APPROACH FOR PRIMARY OR REVISION ANKLE REPLACEMENT

Change to Attribute: Changed Description

The surgical approach used during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

National Codes:

- 1 Anterior
- 2 Lateral (Transfibular)
- 3 Anterolateral
- 4 Other
- 2 Lateral (Transfibular)
- 4 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**SURGICAL APPROACH FOR PRIMARY OR REVISION SHOULDER REPLACEMENT**

---

Change to Attribute: Changed Description

The surgical approach used during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

National Codes:

- 4 Delto Pectoral
- 2 Superior (MacKenzie)
- 3 Deltoid Split
- 4 Deltoid Detachment
- 5 Posterior
- 3 Delto-Pectoral
- 8 Trans-deltoid
- 9 Other (not listed)

---

**SURGICAL APPROACH FOR REVISION HIP REPLACEMENT**

---

Change to Attribute: Changed Description

The surgical approach used during [Revision Hip Replacement Surgery](#).

National Codes:

- 4 Hardinge
- 2 Posterior
- 3 Trochanteric Osteotomy
- 4 Extended Trochanteric Osteotomy
- 5 Other
- 6 Hardinge/Anterolateral
- 5 Posterior
- 7 Trochanteric Osteotomy
- 9 Extended Trochanteric Osteotomy
- 10 Direct Anterior
- 8 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

---

**SURGICAL APPROACH FOR REVISION KNEE REPLACEMENT**

---

Change to Attribute: Changed Description

The surgical approach used during [Revision Knee Replacement Surgery](#).

National Codes:

- 4 Medial Parapatellar
- 2 Lateral Parapatellar
- 3 Sub-vastus
- 4 Mid-Vastus
- 5 Quadriceps Turn-Down
- 6 Tibial Tubercle Osteotomy
- 7 Other
- 2 Medial Parapatellar
- 3 Lateral Parapatellar
- 5 Sub-vastus
- 7 Mid-Vastus

- 8 Quadriceps Turn-Down
- 9 Tibial Tubercle Osteotomy
- 6 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**TIBIA-HINDFOOT ALIGNMENT CODE FOR PRIMARY ANKLE REPLACEMENT\_ renamed from TIBIA-HINDFOOT ALIGNMENT CODE**

Change to Attribute: Changed Name

- Changed Name from Data\_Dictionary.Attributes.T.Tes.TIBIA-HINDFOOT\_ALIGNMENT\_CODE to Data\_Dictionary.Attributes.T.Tes.TIBIA-HINDFOOT\_ALIGNMENT\_CODE\_FOR\_PRIMARY\_ANKLE\_REPLACEMENT

**UNTOWARD INTRAOPERATIVE EVENT CODE FOR ANKLE REPLACEMENT**

Change to Attribute: Changed Description

The type of untoward intraoperative event occurring during [Primary Ankle Replacement Surgery](#) and [Revision Ankle Replacement Surgery](#). The type of untoward intraoperative event occurring during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

National Codes:

- 1 None
- 2 Fracture Medial Malleolus
- 3 Fracture Lateral Malleolus
- 4 Fracture (Other)
- 5 Ligament Injury
- 6 Other
- 28 None
- 29 Fracture Medial Malleolus
- 30 Fracture Lateral Malleolus
- 31 Fracture (Other)
- 32 Ligament Injury
- 34 Nerve Injury
- 35 Tendon Injury
- 33 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**UNTOWARD INTRAOPERATIVE EVENT CODE FOR ELBOW REPLACEMENT**

Change to Attribute: Changed Description

The type of untoward intraoperative event occurring during [Primary Elbow Replacement Surgery](#) and [Revision Elbow Replacement Surgery](#). The type of untoward intraoperative event occurring during [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

National Codes:

- 1 None
- 2 Shaft Penetration Humerus
- 3 Shaft Penetration Ulna
- 4 Fracture Humerus
- 5 Fracture Ulna
- 6 Nerve Injury
- 7 Vascular Injury
- 8 Other
- 14 Shaft Penetration Humerus
- 16 Shaft Penetration Ulna
- 18 Fracture Humerus
- 13 Fracture Ulna
- 15 Nerve Injury
- 17 Vascular Injury
- 19 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

**UNTOWARD INTRAOPERATIVE EVENT CODE FOR HIP REPLACEMENT**

Change to Attribute: Changed Description

The type of untoward intraoperative event occurring during [Primary Hip Replacement Surgery](#) and [Revision Hip Replacement Surgery](#). The type of untoward intraoperative event occurring during [Primary Hip Replacement Surgery](#) or [Revision Hip Replacement Surgery](#).

National Codes:

- 1 None
- 2 Calcaneal Crack
- 3 Pelvic Penetration
- 4 Shaft Fracture
- 5 Shaft Penetration
- 6 Trochanteric Fracture
- 7 Other
- 12 Other (not listed)

---

#### UNTOWARD INTRAOPERATIVE EVENT CODE FOR KNEE REPLACEMENT

---

Change to Attribute: Changed Description

The type of untoward intraoperative event occurring during [Primary Knee Replacement Surgery](#) and [Revision Knee Replacement Surgery](#). The type of untoward intraoperative event occurring during [Primary Knee Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

National Codes:

- 1 None
- 2 Fracture
- 3 Patella Tendon Avulsion
- 4 Ligament Injury
- 5 Other
- 8 Fracture
- 9 Patella Tendon Avulsion
- 10 Ligament Injury
- 12 Other (not listed)

---

#### UNTOWARD INTRAOPERATIVE EVENT CODE FOR SHOULDER REPLACEMENT

---

Change to Attribute: Changed Description

The type of untoward intraoperative event occurring during [Primary Shoulder Replacement Surgery](#) and [Revision Shoulder Replacement Surgery](#). The type of untoward intraoperative event occurring during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

National Codes:

- 1 None
- 2 Shaft Penetration
- 3 Fracture Humerus
- 4 Fracture Glenoid
- 5 Nerve Injury
- 6 Vascular Injury
- 7 Other
- 24 Fracture Humerus
- 20 Fracture Glenoid
- 25 Vascular injury
- 21 Other (not listed)

Note: The National Codes have been listed in logical sequence rather than alphanumeric order.

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#### ANAESTHETIC TYPE (JOINT REPLACEMENT)

---

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	max an2
National Codes:	See <a href="#">ANAESTHETIC TYPE FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

[ANAESTHETIC TYPE \(JOINT REPLACEMENT\)](#) is the same as attribute [ANAESTHETIC TYPE FOR JOINT REPLACEMENT](#).

**ANATOMICAL SIDE (NATIONAL JOINT REGISTRY)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	
Default Codes:	

**Notes:**

[ANATOMICAL SIDE \(NATIONAL JOINT REGISTRY\)](#) is the same as attribute [ANATOMICAL SIDE](#), for the purpose of the [National Joint Registry Data Set](#).

Permitted National Codes:

- 4 Left
- 2 Right

CODE	NJR CODE	DESCRIPTION
1	L	Left
2	R	Right

**ANKLE DORSIFLEXION CODE (PRIMARY ANKLE REPLACEMENT), renamed from ANKLE DORSIFLEXION CODE**

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.A.An.ANKLE\_DORSIFLEXION\_CODE to Data\_Dictionary.Data\_Field\_Notes.A.An.ANKLE\_DORSIFLEXION\_CODE\_(PRIMARY\_ANKLE\_REPLACEMENT)

**ANKLE PLANTARFLEXION CODE (PRIMARY ANKLE REPLACEMENT), renamed from ANKLE PLANTARFLEXION CODE**

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.A.An.ANKLE\_PLANTARFLEXION\_CODE to Data\_Dictionary.Data\_Field\_Notes.A.An.ANKLE\_PLANTARFLEXION\_CODE\_(PRIMARY\_ANKLE\_REPLACEMENT)

**ARTHROPLASTY REVISION TYPE (HIP KNEE AND ANKLE REPLACEMENT), renamed from ARTHROPLASTY REVISION TYPE**

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.A.Ap.ARTHROPLASTY\_REVISION\_TYPE to Data\_Dictionary.Data\_Field\_Notes.A.Ap.ARTHROPLASTY\_REVISION\_TYPE\_(HIP\_KNEE\_AND\_ANKLE\_REPLACEMENT)

**ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT</a>
Default Codes:	

**Notes:**

[ARTHROPLASTY REVISION TYPE \(SHOULDER AND ELBOW REPLACEMENT\)](#) is the same as attribute [ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT](#).

This data element is also known by these names:

Context	Alias
plural	ARTHROPLASTY REVISION TYPES (SHOULDER AND ELBOW REPLACEMENT)

**ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)**

Change to Data Element: New Data Element

**ARTHROPLASTY REVISION TYPE (SHOULDER AND ELBOW REPLACEMENT)**

Attribute:

<a href="#">ARTHROPLASTY REVISION TYPE FOR SHOULDER AND ELBOW REPLACEMENT</a>
---

**ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE (NATIONAL JOINT REGISTRY)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	
Default Codes:	

**Notes:**

[ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE \(NATIONAL JOINT REGISTRY\)](#) is the same as attribute [ASA PHYSICAL STATUS CLASSIFICATION SYSTEM CODE](#), for the purpose of the [National Joint Registry Data Set](#).

*Permitted National Codes:*

- 4 A normal healthy [PATIENT](#)
- 2 A [PATIENT](#) with mild systemic disease
- 3 A [PATIENT](#) with severe systemic disease
- 4 A [PATIENT](#) with severe systemic disease that is a constant threat to life
- 5 A moribund [PATIENT](#) who is not expected to survive without the operation

CODE	NJR CODE	DESCRIPTION	NJR DESCRIPTION
1	1	A normal healthy <a href="#">PATIENT</a>	Fit and healthy
2	2	A <a href="#">PATIENT</a> with mild systemic disease	Mild disease; not incapacitating
3	3	A <a href="#">PATIENT</a> with severe systemic disease	Incapacitating systemic disease
4	4	A <a href="#">PATIENT</a> with severe systemic disease that is a constant threat to life	Life threatening disease
5	8	A moribund <a href="#">PATIENT</a> who is not expected to survive without the operation	Expected to die within 24hrs with or without an operation

**ASSOCIATED PROCEDURE TYPE (ANKLE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	max an2
National Codes:	See <a href="#">ASSOCIATED PROCEDURE TYPE FOR ANKLE REPLACEMENT</a>
Default Codes:	

**Notes:**

[ASSOCIATED PROCEDURE TYPE \(ANKLE REPLACEMENT\)](#) is the same as attribute [ASSOCIATED PROCEDURE TYPE FOR ANKLE REPLACEMENT](#).

**BIOLOGICAL GLENOID RESURFACING TYPE (SHOULDER REPLACEMENT)**, renamed from **BIOLOGICAL RESURFACING TYPE (SHOULDER REPLACEMENT)**

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Be.BIOLOGICAL\_RESURFACING\_TYPE\_(SHOULDER\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.B.Be.BIOLOGICAL\_GLENOID\_RESURFACING\_TYPE\_(SHOULDER\_REPLACEMENT)

**BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT) (RETIRED)**, renamed from **BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)**

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	an4
National Codes:	See <a href="#">BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT INDICATION CODE \(REVISION ANKLE REPLACEMENT\)](#) is the same as attribute [BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT](#). **This item has been retired from the NHS Data Model and Dictionary.**

The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

**BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT) (RETIRED)**, renamed from **BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)**

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

**BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)**

Attribute:

[BONE GRAFT INDICATION CODE FOR REVISION ANKLE REPLACEMENT](#)

**BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT) (RETIRED)**, renamed from **BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)**

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATION\_CODE\_(REVISION\_ANKLE\_REPLACEMENT) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BONE\_GRAFT\_INDICATION\_CODE\_(REVISION\_ANKLE\_REPLACEMENT)
- Changed Description
- Retired BONE GRAFT INDICATION CODE (REVISION ANKLE REPLACEMENT)
- null

**BONE GRAFT INDICATOR (ACETABULAR)**, renamed from **BONE GRAFT INDICATOR (ACETABULUM)**

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

~~[BONE GRAFT INDICATOR \(ACETABULUM\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if a bone graft was used on the acetabulum (hip ball and socket joint).~~ **BONE GRAFT INDICATOR (ACETABULAR)** is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if an acetabular (hip ball and socket joint) bone graft was used during [Primary Hip Replacement Surgery](#) or [Revision Hip Replacement Surgery](#).

**BONE GRAFT INDICATOR (ACETABULAR)**, renamed from **BONE GRAFT INDICATOR (ACETABULUM)**

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(ACETABULUM) to Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(ACETABULAR)
- Changed Description

**BONE GRAFT INDICATOR (FEMORAL)**, renamed from **BONE GRAFT INDICATOR (FEMUR)**

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

~~[BONE GRAFT INDICATOR \(FEMUR\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#), to indicate if a bone graft was used on the femur.~~ **BONE GRAFT INDICATOR (FEMORAL)** is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if a femoral bone graft was used during [Primary Hip Replacement Surgery](#), [Revision Hip Replacement Surgery](#), [Primary Knee Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

**BONE GRAFT INDICATOR (FEMORAL)**, renamed from **BONE GRAFT INDICATOR (FEMUR)**

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(FEMUR) to Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(FEMORAL)
- Changed Description

**BONE GRAFT INDICATOR (FIBULAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

BONE GRAFT INDICATOR (FIBULAR) is the same as attribute BONE GRAFT INDICATOR FOR JOINT REPLACEMENT to indicate if a fibular bone graft was used during Primary Ankle Replacement Surgery or Revision Ankle Replacement Surgery.

This data element is also known by these names:

Context	Alias
plural	BONE GRAFT INDICATORS (FIBULAR)

BONE GRAFT INDICATOR (FIBULAR)

Change to Data Element: New Data Element

### **BONE GRAFT INDICATOR (FIBULAR)**

Attribute:

BONE GRAFT INDICATOR FOR JOINT REPLACEMENT

BONE GRAFT INDICATOR (GLENOID)

Change to Data Element: Changed Description

Format/Length: an1  
National Codes: See BONE GRAFT INDICATOR FOR JOINT REPLACEMENT  
Default Codes:

Notes:

BONE GRAFT INDICATOR (GLENOID) is the same as attribute BONE GRAFT INDICATOR FOR JOINT REPLACEMENT, to indicate if a bone graft was used on the glenoid. BONE GRAFT INDICATOR (GLENOID) is the same as attribute BONE GRAFT INDICATOR FOR JOINT REPLACEMENT to indicate if a glenoid bone graft was used during Primary Shoulder Replacement Surgery, Primary Elbow Replacement Surgery, Revision Shoulder Replacement Surgery or Revision Elbow Replacement Surgery.

BONE GRAFT INDICATOR (HUMERAL)

Change to Data Element: Changed Description

Format/Length: an1  
National Codes: See BONE GRAFT INDICATOR FOR JOINT REPLACEMENT  
Default Codes:

Notes:

BONE GRAFT INDICATOR (HUMERAL) is the same as attribute BONE GRAFT INDICATOR FOR JOINT REPLACEMENT, to indicate if a bone graft was used on the humeral. BONE GRAFT INDICATOR (HUMERAL) is the same as attribute to indicate if a humeral bone graft was used during Primary Shoulder Replacement Surgery, Revision Shoulder Replacement Surgery, Primary Elbow Replacement Surgery or Revision Elbow Replacement Surgery.

BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT) (RETIRED), renamed from BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length: an1  
National Codes: See BONE GRAFT INDICATOR FOR JOINT REPLACEMENT  
Default Codes:

Notes:

BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT) is the same as attribute BONE GRAFT INDICATOR FOR JOINT REPLACEMENT, to indicate if a bone graft was used during Primary Ankle Replacement Surgery. This item has been retired from the NHS Data Model and Dictionary.

The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT) (RETIRED), renamed from BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

### **BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)**

Attribute:

BONE GRAFT INDICATOR FOR JOINT REPLACEMENT

**BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT) (RETIRED)**, renamed from **BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)**

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(PRIMARY\_ANKLE\_REPLACEMENT) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BONE\_GRAFT\_INDICATOR\_(PRIMARY\_ANKLE\_REPLACEMENT)
- Changed Description
- Retired BONE GRAFT INDICATOR (PRIMARY ANKLE REPLACEMENT)
- null

**BONE GRAFT INDICATOR (TALAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT INDICATOR \(TALAR\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if a talar bone graft was used during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	BONE GRAFT INDICATORS (TALAR)

**BONE GRAFT INDICATOR (TALAR)**

Change to Data Element: New Data Element

**BONE GRAFT INDICATOR (TALAR)**

**Attribute:**

<a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
--

**BONE GRAFT INDICATOR (TIBIAL)**, renamed from **BONE GRAFT INDICATOR (TIBIA)**

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT INDICATOR \(TIBIA\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#), to indicate if a bone graft was used on the tibia. [BONE GRAFT INDICATOR \(TIBIAL\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if a tibial bone graft was used during [Primary Knee Replacement Surgery](#), [Revision Knee Replacement Surgery](#), [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**BONE GRAFT INDICATOR (TIBIAL)**, renamed from **BONE GRAFT INDICATOR (TIBIA)**

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(TIBIA) to Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_INDICATOR\_(TIBIAL)
- Changed Description

**BONE GRAFT INDICATOR (ULNAR)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT INDICATOR \(ULNAR\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#), to indicate if a bone graft was used on the ulna. [BONE GRAFT INDICATOR \(ULNAR\)](#) is the same as attribute [BONE GRAFT INDICATOR FOR JOINT REPLACEMENT](#) to indicate if an ulnar bone graft was used during [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**BONE GRAFT SOURCE (ACETABULAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(ACETABULAR\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the acetabular bone graft used during [Primary Hip Replacement Surgery](#) or [Revision Hip Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (ACETABULAR)</a>

[BONE GRAFT SOURCE \(ACETABULAR\)](#)

Change to Data Element: [New Data Element](#)

**[BONE GRAFT SOURCE \(ACETABULAR\)](#)**

**Attribute:**

<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
---

[BONE GRAFT SOURCE \(FEMORAL\)](#)

Change to Data Element: [New Data Element](#)

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(FEMORAL\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the femoral bone graft used during [Primary Hip Replacement Surgery](#), [Revision Hip Replacement Surgery](#), [Primary Knee Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (FEMORAL)</a>

[BONE GRAFT SOURCE \(FEMORAL\)](#)

Change to Data Element: [New Data Element](#)

**[BONE GRAFT SOURCE \(FEMORAL\)](#)**

**Attribute:**

<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
---

[BONE GRAFT SOURCE \(FIBULAR\)](#)

Change to Data Element: [New Data Element](#)

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(FIBULAR\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the fibular bone graft used during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (FIBULAR)</a>

[BONE GRAFT SOURCE \(FIBULAR\)](#)

Change to Data Element: [New Data Element](#)

**[BONE GRAFT SOURCE \(FIBULAR\)](#)**

**Attribute:**

<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
---

---

**BONE GRAFT SOURCE (GLENOID)**

---

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(GLENOID\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the glenoid bone graft used during [Primary Shoulder Replacement Surgery](#), [Primary Elbow Replacement Surgery](#), [Revision Shoulder Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (GLENOID)</a>

---

**BONE GRAFT SOURCE (GLENOID)**

---

Change to Data Element: New Data Element

**BONE GRAFT SOURCE (GLENOID)****Attribute:**

<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
---

---

**BONE GRAFT SOURCE (HUMERAL)**

---

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(HUMERAL\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the humeral bone graft used during [Primary Shoulder Replacement Surgery](#), [Revision Shoulder Replacement Surgery](#), [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (HUMERAL)</a>

---

**BONE GRAFT SOURCE (HUMERAL)**

---

Change to Data Element: New Data Element

**BONE GRAFT SOURCE (HUMERAL)****Attribute:**

<a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
---

---

**BONE GRAFT SOURCE (TALAR)**

---

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(TALAR\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the talar bone graft used during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (TALAR)</a>

---

**BONE GRAFT SOURCE (TALAR)**

---

Change to Data Element: New Data Element

### BONE GRAFT SOURCE (TALAR)

Attribute:

[BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#)

### BONE GRAFT SOURCE (TIBIAL)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(TIBIAL\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the tibial bone graft used during [Primary Knee Replacement Surgery](#), [Revision Knee Replacement Surgery](#), [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (TIBIAL)</a>

### BONE GRAFT SOURCE (TIBIAL)

Change to Data Element: New Data Element

### BONE GRAFT SOURCE (TIBIAL)

Attribute:

[BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#)

### BONE GRAFT SOURCE (ULNAR)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT SOURCE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT SOURCE \(ULNAR\)](#) is the same as attribute [BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#) to indicate the source of the ulnar bone graft used during [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT SOURCES (ULNAR)</a>

### BONE GRAFT SOURCE (ULNAR)

Change to Data Element: New Data Element

### BONE GRAFT SOURCE (ULNAR)

Attribute:

[BONE GRAFT SOURCE FOR JOINT REPLACEMENT](#)

### BONE GRAFT STRUCTURE (ACETABULAR)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT STRUCTURE \(ACETABULAR\)](#) is the same as attribute [BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#) to indicate the structure of the acetabular bone graft used during [Primary Hip Replacement Surgery](#) or [Revision Hip Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
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plural	BONE GRAFT STRUCTURES (ACETABULAR)
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**BONE GRAFT STRUCTURE (ACETABULAR)**

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (ACETABULAR)**

Attribute:

<a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
--

**BONE GRAFT STRUCTURE (FEMORAL)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT STRUCTURE \(FEMORAL\)](#) is the same as attribute [BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#) to indicate the structure of the femoral bone graft used during [Primary Hip Replacement Surgery](#), [Revision Hip Replacement Surgery](#), [Primary Knee Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT STRUCTURES (FEMORAL)</a>

**BONE GRAFT STRUCTURE (FEMORAL)**

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (FEMORAL)**

Attribute:

<a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
--

**BONE GRAFT STRUCTURE (FIBULAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[BONE GRAFT STRUCTURE \(FIBULAR\)](#) is the same as attribute [BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#) to indicate the structure of fibular bone graft used during [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">BONE GRAFT STRUCTURES (FIBULAR)</a>

**BONE GRAFT STRUCTURE (FIBULAR)**

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (FIBULAR)**

Attribute:

<a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
--

**BONE GRAFT STRUCTURE (GLENOID)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

BONE GRAFT STRUCTURE (GLENOID) is the same as attribute BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT to indicate the structure of the glenoid bone graft used during Primary Shoulder Replacement Surgery, Primary Elbow Replacement Surgery, Revision Shoulder Replacement Surgery or Revision Elbow Replacement Surgery.

**This data element is also known by these names:**

Context	Alias
plural	BONE GRAFT STRUCTURES (GLENOID)

BONE GRAFT STRUCTURE (GLENOID)

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (GLENOID)**

**Attribute:**

BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

BONE GRAFT STRUCTURE (HUMERAL)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT
Default Codes:	

**Notes:**

BONE GRAFT STRUCTURE (HUMERAL) is the same as attribute BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT to indicate the structure of the humeral bone graft used during Primary Shoulder Replacement Surgery, Revision Shoulder Replacement Surgery, Primary Elbow Replacement Surgery or Revision Elbow Replacement Surgery.

**This data element is also known by these names:**

Context	Alias
plural	BONE GRAFT STRUCTURES (HUMERAL)

BONE GRAFT STRUCTURE (HUMERAL)

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (HUMERAL)**

**Attribute:**

BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

BONE GRAFT STRUCTURE (TALAR)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT
Default Codes:	

**Notes:**

BONE GRAFT STRUCTURE (TALAR) is the same as attribute BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT to indicate the structure of the talar bone graft used during Primary Ankle Replacement Surgery or Revision Ankle Replacement Surgery.

**This data element is also known by these names:**

Context	Alias
plural	BONE GRAFT STRUCTURES (TALAR)

BONE GRAFT STRUCTURE (TALAR)

Change to Data Element: New Data Element

**BONE GRAFT STRUCTURE (TALAR)**

**Attribute:**

BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT

## BONE GRAFT STRUCTURE (TIBIAL)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

### Notes:

BONE GRAFT STRUCTURE (TIBIAL) is the same as attribute [BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#) to indicate the structure of the tibial bone graft used during [Primary Knee Replacement Surgery](#), [Revision Knee Replacement Surgery](#), [Primary Ankle Replacement Surgery](#) or [Revision Ankle Replacement Surgery](#).

### This data element is also known by these names:

Context	Alias
plural	BONE GRAFT STRUCTURES (TIBIAL)

## BONE GRAFT STRUCTURE (TIBIAL)

Change to Data Element: New Data Element

## **BONE GRAFT STRUCTURE (TIBIAL)**

### Attribute:

[BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#)

## BONE GRAFT STRUCTURE (ULNAR)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT</a>
Default Codes:	

### Notes:

BONE GRAFT STRUCTURE (ULNAR) is the same as attribute [BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#) to indicate the structure of the ulna bone graft used during [Primary Elbow Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

### This data element is also known by these names:

Context	Alias
plural	BONE GRAFT STRUCTURES (ULNAR)

## BONE GRAFT STRUCTURE (ULNAR)

Change to Data Element: New Data Element

## **BONE GRAFT STRUCTURE (ULNAR)**

### Attribute:

[BONE GRAFT STRUCTURE FOR JOINT REPLACEMENT](#)

## BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT) (RETIRED), renamed from BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	an1
National Codes:	See <a href="#">BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT</a>
Default Codes:	

### Notes:

~~[BONE GRAFT TYPE \(REVISION ANKLE REPLACEMENT\)](#) is the same as attribute [BONE GRAFT TYPE FOR REVISION ANKLE REPLACEMENT](#). This item has been retired from the NHS Data Model and Dictionary.~~

The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

## BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT) (RETIRED), renamed from BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

### BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)

Attribute:

BONE\_GRAFT\_TYPE\_FOR\_REVISION\_ANKLE\_REPLACEMENT

BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT) (RETIRED), renamed from BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Bo.BONE\_GRAFT\_TYPE\_(REVISION\_ANKLE\_REPLACEMENT) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BONE\_GRAFT\_TYPE\_(REVISION\_ANKLE\_REPLACEMENT)
- Changed Description
- Retired BONE GRAFT TYPE (REVISION ANKLE REPLACEMENT)
- null

BRAND REMOVED (ACETABULAR) (RETIRED), renamed from BRAND REMOVED (ACETABULAR)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	max-an50
National Codes:	
Default Codes:	

Notes:

BRAND\_REMOVED\_(ACETABULAR) is the same as attribute PERSON\_OBSERVATION\_TEXT\_STRING.

For the National Joint Registry Data Set: **This item has been retired from the NHS Data Model and Dictionary.**

- BRAND\_REMOVED\_(ACETABULAR) is free text further information to record the make of acetabular component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

**The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.**

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

BRAND REMOVED (ACETABULAR) (RETIRED), renamed from BRAND REMOVED (ACETABULAR)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

### BRAND REMOVED (ACETABULAR)

Attribute:

PERSON\_OBSERVATION\_TEXT\_STRING

BRAND REMOVED (ACETABULAR) (RETIRED), renamed from BRAND REMOVED (ACETABULAR)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(ACETABULAR) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(ACETABULAR)
- Changed Description
- Retired BRAND REMOVED (ACETABULAR)
- null

BRAND REMOVED (ANKLE) (RETIRED), renamed from BRAND REMOVED (ANKLE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	max-an50
National Codes:	
Default Codes:	

Notes:

BRAND\_REMOVED\_(ANKLE) is the same as attribute PERSON\_OBSERVATION\_TEXT\_STRING.

For the National Joint Registry Data Set: **This item has been retired from the NHS Data Model and Dictionary.**

- BRAND\_REMOVED\_(ANKLE) is free text further information to record the make of ankle component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

**The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.**

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

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BRAND REMOVED (ANKLE) (RETIRED)\_ renamed from BRAND REMOVED (ANKLE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

### BRAND REMOVED (ANKLE)

Attribute:

[PERSON OBSERVATION TEXT STRING](#)

---

BRAND REMOVED (ANKLE) (RETIRED)\_ renamed from BRAND REMOVED (ANKLE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(ANKLE) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(ANKLE)
- Changed Description
- Retired BRAND REMOVED (ANKLE)
- null

---

BRAND REMOVED (FEMORAL) (RETIRED)\_ renamed from BRAND REMOVED (FEMORAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length: max an50  
National Codes:  
Default Codes:

Notes:

[BRAND REMOVED \(FEMORAL\)](#) is the same as attribute [PERSON OBSERVATION TEXT STRING](#).

For the [National Joint Registry Data Set](#): **This item has been retired from the NHS Data Model and Dictionary.**

- [BRAND REMOVED \(FEMORAL\)](#) is free text further information to record the make of femoral component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

**The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.**

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

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BRAND REMOVED (FEMORAL) (RETIRED)\_ renamed from BRAND REMOVED (FEMORAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

### BRAND REMOVED (FEMORAL)

Attribute:

[PERSON OBSERVATION TEXT STRING](#)

---

BRAND REMOVED (FEMORAL) (RETIRED)\_ renamed from BRAND REMOVED (FEMORAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(FEMORAL) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(FEMORAL)
- Changed Description
- Retired BRAND REMOVED (FEMORAL)
- null

---

BRAND REMOVED (HUMERAL) (RETIRED)\_ renamed from BRAND REMOVED (HUMERAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length: max an50  
National Codes:  
Default Codes:

**Notes:**

[BRAND\\_REMOVED \(HUMERAL\)](#) is the same as attribute [PERSON\\_OBSERVATION\\_TEXT\\_STRING](#).

For the [National Joint Registry Data Set](#): This item has been retired from the NHS Data Model and Dictionary.

- [BRAND\\_REMOVED \(HUMERAL\)](#) is free text further information to record the make of humeral component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

BRAND\_REMOVED (HUMERAL) (RETIRED), renamed from BRAND\_REMOVED (HUMERAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

**BRAND\_REMOVED (HUMERAL)**

**Attribute:**

[PERSON\\_OBSERVATION\\_TEXT\\_STRING](#)

BRAND\_REMOVED (HUMERAL) (RETIRED), renamed from BRAND\_REMOVED (HUMERAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(HUMERAL) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(HUMERAL)
- Changed Description
- Retired BRAND\_REMOVED (HUMERAL)
- null

BRAND\_REMOVED (KNEE) (RETIRED), renamed from BRAND\_REMOVED (KNEE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	max an50
National Codes:	
Default Codes:	

**Notes:**

[BRAND\\_REMOVED \(KNEE\)](#) is the same as attribute [PERSON\\_OBSERVATION\\_TEXT\\_STRING](#).

For the [National Joint Registry Data Set](#): This item has been retired from the NHS Data Model and Dictionary.

- [BRAND\\_REMOVED \(KNEE\)](#) is free text further information to record the make of knee component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

BRAND\_REMOVED (KNEE) (RETIRED), renamed from BRAND\_REMOVED (KNEE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

**BRAND\_REMOVED (KNEE)**

**Attribute:**

[PERSON\\_OBSERVATION\\_TEXT\\_STRING](#)

BRAND\_REMOVED (KNEE) (RETIRED), renamed from BRAND\_REMOVED (KNEE)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(KNEE) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(KNEE)
- Changed Description
- Retired BRAND\_REMOVED (KNEE)
- null

BRAND REMOVED (RADIAL) (RETIRED), renamed from BRAND REMOVED (RADIAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	max-an50
National Codes:	
Default Codes:	

**Notes:**

[BRAND REMOVED \(RADIAL\)](#) is the same as attribute [PERSON OBSERVATION TEXT STRING](#).

For the [National Joint Registry Data Set](#): **This item has been retired from the NHS Data Model and Dictionary.**

- [BRAND REMOVED \(RADIAL\)](#) is free text further information to record the make of radial component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

**The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.**

**Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

BRAND REMOVED (RADIAL) (RETIRED), renamed from BRAND REMOVED (RADIAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

**BRAND REMOVED (RADIAL)**

**Attribute:**

<a href="#">PERSON OBSERVATION TEXT STRING</a>
--

BRAND REMOVED (RADIAL) (RETIRED), renamed from BRAND REMOVED (RADIAL)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(RADIAL) to Retired.Data\_Dictionary.Data\_Field\_Notes.B.BRAND\_REMOVED\_(RADIAL)
- Changed Description
- Retired BRAND REMOVED (RADIAL)
- null

BRAND REMOVED (SHOULDER) (RETIRED), renamed from BRAND REMOVED (SHOULDER)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

Format/Length:	max-an50
National Codes:	
Default Codes:	

**Notes:**

[BRAND REMOVED \(SHOULDER\)](#) is the same as attribute [PERSON OBSERVATION TEXT STRING](#).

For the [National Joint Registry Data Set](#): **This item has been retired from the NHS Data Model and Dictionary.**

- [BRAND REMOVED \(SHOULDER\)](#) is free text further information to record the make of shoulder component that was removed during the operation.
- If this information is not available, 'Brand Not Available' is selected.

**The last live version of this item is available in the ?????? release of the NHS Data Model and Dictionary.**

**Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.**

BRAND REMOVED (SHOULDER) (RETIRED), renamed from BRAND REMOVED (SHOULDER)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

**BRAND REMOVED (SHOULDER)**

**Attribute:**

<a href="#">PERSON OBSERVATION TEXT STRING</a>
--

BRAND REMOVED (SHOULDER) (RETIRED), renamed from BRAND REMOVED (SHOULDER)

Change to Data Element: Changed Name, Description, status to Retired, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(SHOULDER) Retired.Data\_Dictionary.Data\_Field\_Notes.B.Br.BRAND\_REMOVED\_(SHOULDER) to
- Changed Description
- Retired BRAND REMOVED (SHOULDER)
- null

**CARE PROFESSIONAL FIRST ASSISTANT GRADE (JOINT REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">CARE PROFESSIONAL FIRST ASSISTANT GRADE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[CARE PROFESSIONAL FIRST ASSISTANT GRADE \(JOINT REPLACEMENT\)](#) is the same as attribute [CARE PROFESSIONAL FIRST ASSISTANT GRADE FOR JOINT REPLACEMENT](#).

**CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE (JOINT REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE \(JOINT REPLACEMENT\)](#) is the same as attribute [CARE PROFESSIONAL LEAD OPERATING SURGEON GRADE FOR JOINT REPLACEMENT](#).

**CEMENT REMOVAL INDICATOR (ACETABULAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	4 - Not Applicable

**Notes:**

[CEMENT REMOVAL INDICATOR \(ACETABULAR\)](#) is the same as attribute [CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate if the cement used in the [Primary Hip Replacement Surgery](#), for fixing the femoral components to the acetabular is removed before new acetabular implants are inserted during the [Revision Hip Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	CEMENT REMOVAL INDICATORS (ACETABULAR)

**CEMENT REMOVAL INDICATOR (ACETABULAR)**

Change to Data Element: New Data Element

**CEMENT REMOVAL INDICATOR (ACETABULAR)**

**Attribute:**

<a href="#">CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
--

**CEMENT REMOVAL INDICATOR (FEMORAL)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	4 - Not Applicable

**Notes:**

[CEMENT REMOVAL INDICATOR \(FEMORAL\)](#) is the same as attribute [CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate if the cement used in the [Primary Hip Replacement Surgery](#), for fixing the femoral components to the femur, is removed before new femoral implants are inserted during the [Revision Hip Replacement Surgery](#).

This data element is also known by these names:

Context	Alias
plural	CEMENT REMOVAL INDICATORS (FEMORAL)

CEMENT REMOVAL INDICATOR (FEMORAL)

Change to Data Element: New Data Element

### CEMENT REMOVAL INDICATOR (FEMORAL)

Attribute:

CEMENT REMOVAL INDICATOR FOR JOINT REPLACEMENT

CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT), renamed from CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
Format/Length:	max an2
National Codes:	See <a href="#">CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

~~CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE~~ is the same as attribute ~~CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE~~. [CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE \(JOINT REPLACEMENT\)](#) is the same as attribute [CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT](#).

CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE (JOINT REPLACEMENT), renamed from CHEMICAL THROMBOPROPHYLAXIS REGIME TYPE

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.C.Ce.CHEMICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE to Data\_Dictionary.Data\_Field\_Notes.C.Ce.CHEMICAL\_THROMBOPROPHYLAXIS\_REGIME\_TYPE\_(JOINT\_REPLACEMENT)
- Changed Description

COMPONENT REMOVAL INDICATOR (ACETABULAR)

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

~~COMPONENT REMOVAL INDICATOR (ACETABULAR)~~ is the same as attribute ~~COMPONENT REMOVAL INDICATOR~~ for an acetabular component. [COMPONENT REMOVAL INDICATOR \(ACETABULAR\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing acetabular [IMPLANTS](#) were removed during [Revision Hip Replacement Surgery](#).

COMPONENT REMOVAL INDICATOR (FEMORAL)

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

Notes:

~~COMPONENT REMOVAL INDICATOR (FEMORAL)~~ is the same as attribute ~~COMPONENT REMOVAL INDICATOR~~ for a femoral component. [COMPONENT REMOVAL INDICATOR \(FEMORAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing femoral [IMPLANTS](#) were removed during [Revision Hip Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

COMPONENT REMOVAL INDICATOR (GLENOID)

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
Default Codes:	X - Not Available (Revision of Hemi)

National Codes: See [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)  
Default Codes:

**Notes:**

~~[COMPONENT REMOVAL INDICATOR \(GLENOID\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a glenoid component.~~ [COMPONENT REMOVAL INDICATOR \(GLENOID\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing glenoid [IMPLANTS](#) were removed during [Revision Shoulder Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (GLENOID ARTICULATING BEARING)**

Change to Data Element: New Data Element

Format/Length: an1  
National Codes: See [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)  
Default Codes:

**Notes:**

[COMPONENT REMOVAL INDICATOR \(GLENOID ARTICULATING BEARING\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether the glenoid articulating bearing was removed during [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	COMPONENT REMOVAL INDICATORS (GLENOID ARTICULATING BEARING)

**COMPONENT REMOVAL INDICATOR (GLENOID ARTICULATING BEARING)**

Change to Data Element: New Data Element

**COMPONENT REMOVAL INDICATOR (GLENOID ARTICULATING BEARING)**

**Attribute:**

[COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)

**COMPONENT REMOVAL INDICATOR (HUMERAL)**

Change to Data Element: Changed Description

Format/Length: an1  
National Codes: See [COMPONENT REMOVAL INDICATOR](#)  
Default Codes: X - Not Available  
National Codes: See [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)  
Default Codes:

**Notes:**

~~[COMPONENT REMOVAL INDICATOR \(HUMERAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a humeral component.~~ [COMPONENT REMOVAL INDICATOR \(HUMERAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing humeral [IMPLANTS](#) were removed during [Revision Shoulder Replacement Surgery](#) or [Revision Elbow Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (HUMERAL ARTICULATING BEARING)**

Change to Data Element: New Data Element

Format/Length: an1  
National Codes: See [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)  
Default Codes:

**Notes:**

[COMPONENT REMOVAL INDICATOR \(HUMERAL ARTICULATING BEARING\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether the humeral articulating bearing is removed during [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	COMPONENT REMOVAL INDICATORS (HUMERAL ARTICULATING BEARING)

**COMPONENT REMOVAL INDICATOR (HUMERAL ARTICULATING BEARING)**

Change to Data Element: New Data Element

**COMPONENT REMOVAL INDICATOR (HUMERAL ARTICULATING BEARING)**

**Attribute:**

**COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT**

**COMPONENT REMOVAL INDICATOR (MENISCAL)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[COMPONENT REMOVAL INDICATOR \(MENISCAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a meniscal component. [COMPONENT REMOVAL INDICATOR \(MENISCAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing meniscal [IMPLANTS](#) were removed during [Revision Ankle Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (MODULAR HEAD)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[COMPONENT REMOVAL INDICATOR \(MODULAR HEAD\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any whether a Modular Head (a component used in metal-on-metal (MoM) total hip replacements) was removed during [Revision Hip Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">COMPONENT REMOVAL INDICATORS (MODULAR HEAD)</a>

**COMPONENT REMOVAL INDICATOR (MODULAR HEAD)**

Change to Data Element: New Data Element

**COMPONENT REMOVAL INDICATOR (MODULAR HEAD)**

**Attribute:**

[COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)

**COMPONENT REMOVAL INDICATOR (OTHER SHOULDER REVISION)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[COMPONENT REMOVAL INDICATOR \(OTHER SHOULDER REVISION\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any other component was removed during [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">COMPONENT REMOVAL INDICATORS (OTHER SHOULDER REVISION)</a>

**COMPONENT REMOVAL INDICATOR (OTHER SHOULDER REVISION)**

Change to Data Element: New Data Element

**COMPONENT REMOVAL INDICATOR (OTHER SHOULDER REVISION)**

**Attribute:**

[COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)

**COMPONENT REMOVAL INDICATOR (PATELLA)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[COMPONENT REMOVAL INDICATOR \(PATELLA\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether the patella (kneecap) was removed during [Revision Knee Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	COMPONENT REMOVAL INDICATORS (PATELLA)

**COMPONENT REMOVAL INDICATOR (PATELLA)**

Change to Data Element: New Data Element

**COMPONENT REMOVAL INDICATOR (PATELLA)**

**Attribute:**

<a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
---

**COMPONENT REMOVAL INDICATOR (RADIAL)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
Default Codes:	X – Not Available
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

~~[COMPONENT REMOVAL INDICATOR \(HUMERAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a radial component.~~ [COMPONENT REMOVAL INDICATOR \(RADIAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bonefacing radial [IMPLANTS](#) were removed during [Revision Elbow Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (TALAR)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

~~[COMPONENT REMOVAL INDICATOR \(TALAR\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a talar component.~~ [COMPONENT REMOVAL INDICATOR \(TALAR\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing talar [IMPLANTS](#) were removed during [Revision Ankle Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (TIBIAL)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

~~[COMPONENT REMOVAL INDICATOR \(TIBIAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR](#) for a tibial component.~~ [COMPONENT REMOVAL INDICATOR \(TIBIAL\)](#) is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing tibial [IMPLANTS](#) were removed during [Revision Ankle Replacement Surgery](#) or [Revision Knee Replacement Surgery](#).

**COMPONENT REMOVAL INDICATOR (ULNAR)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">COMPONENT REMOVAL INDICATOR</a>
Default Codes:	X – Not Available

National Codes: See [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#)  
Default Codes:

**Notes:**

~~COMPONENT REMOVAL INDICATOR (ULNAR)~~ is the same as attribute ~~COMPONENT REMOVAL INDICATOR~~ for an ulnar component. ~~COMPONENT REMOVAL INDICATOR (ULNAR)~~ is the same as attribute [COMPONENT REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate whether any bone facing ulnar [IMPLANTS](#) were removed during [Revision Elbow Replacement Surgery](#).

**COMPUTER GUIDED SURGERY INDICATOR (JOINT REPLACEMENT)**, renamed from **COMPUTER GUIDED SURGERY INDICATOR**

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.C.Co.COMPUTER\_GUIDED\_SURGERY\_INDICATOR to Data\_Dictionary.Data\_Field\_Notes.C.Co.COMPUTER\_GUIDED\_SURGERY\_INDICATOR\_(JOINT\_REPLACEMENT)

**DEGREES OF FIXED FLEXION DEFORMITY (PRIMARY KNEE REPLACEMENT)**, renamed from **DEGREES OF FIXED FLEXION DEFORMITY**

Change to Data Element: Changed Name, Description

Format/Length: an1  
National Codes: See [DEGREES OF FIXED FLEXION DEFORMITY](#)  
Default Codes: 4 - Not Available  
National Codes: See [DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT](#)  
Default Codes: 0 - Not Available

**Notes:**

~~DEGREES OF FIXED FLEXION DEFORMITY~~ is the same as attribute ~~DEGREES OF FIXED FLEXION DEFORMITY~~. ~~DEGREES OF FIXED FLEXION DEFORMITY (PRIMARY KNEE REPLACEMENT)~~ is the same as attribute [DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT](#).

**DEGREES OF FLEXION RANGE (PRIMARY KNEE REPLACEMENT)**, renamed from **DEGREES OF FLEXION RANGE**

Change to Data Element: Changed Name, Description

Format/Length: an1  
National Codes: See [DEGREES OF FLEXION RANGE](#)  
Default Codes: 5 - Not Available  
National Codes: See [DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT](#)  
Default Codes: 0 - Not Available

**Notes:**

~~DEGREES OF FLEXION RANGE~~ is the same as attribute ~~DEGREES OF FLEXION RANGE~~. ~~DEGREES OF FLEXION RANGE (PRIMARY KNEE REPLACEMENT)~~ is the same as attribute [DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT](#).

**FIXATION TYPE (ELBOW)**, renamed from **FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)**

Change to Data Element: Changed Name, Description, linked Attribute

Format/Length: an1  
National Codes: See [FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT](#)  
National Codes: See [FIXATION TYPE FOR ELBOW REPLACEMENT](#)  
Default Codes:

**Notes:**

~~FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)~~ is the same as attribute ~~FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT~~. ~~FIXATION TYPE (ELBOW)~~ is the same as attribute [FIXATION TYPE FOR ELBOW REPLACEMENT](#).

**FIXATION TYPE (ELBOW)**, renamed from **FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)**

Change to Data Element: Changed Name, Description, linked Attribute

**~~FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)~~**  
**FIXATION TYPE (ELBOW)**  
Attribute:  
[FIXATION TYPE FOR ELBOW OR SHOULDER REPLACEMENT](#)  
[FIXATION TYPE FOR ELBOW REPLACEMENT](#)

**FIXATION TYPE (ELBOW)**, renamed from **FIXATION TYPE (ELBOW OR SHOULDER REPLACEMENT)**

Change to Data Element: Changed Name, Description, linked Attribute

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.F.FIXATION\_TYPE\_(ELBOW\_OR\_SHOULDER\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.F.FIXATION\_TYPE\_(ELBOW)
- Changed Description
- null

**FIXATION TYPE (GLENOID)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">FIXATION TYPE FOR SHOULDER REPLACEMENT</a>
Default Codes:	4 - Not Applicable

**Notes:**

[FIXATION TYPE \(GLENOID\)](#) is the same as attribute [FIXATION TYPE FOR SHOULDER REPLACEMENT](#) for the glenoid during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">FIXATION TYPES (GLENOID)</a>

**FIXATION TYPE (GLENOID)**

Change to Data Element: New Data Element

**FIXATION TYPE (GLENOID)**

**Attribute:**

<a href="#">FIXATION TYPE FOR SHOULDER REPLACEMENT</a>
--

**FIXATION TYPE (HUMERUS)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">FIXATION TYPE FOR SHOULDER REPLACEMENT</a>
Default Codes:	4 - Not Applicable

**Notes:**

[FIXATION TYPE \(HUMERUS\)](#) is the same as attribute [FIXATION TYPE FOR SHOULDER REPLACEMENT](#) for the humerus during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">FIXATION TYPES (HUMERUS)</a>

**FIXATION TYPE (HUMERUS)**

Change to Data Element: New Data Element

**FIXATION TYPE (HUMERUS)**

**Attribute:**

<a href="#">FIXATION TYPE FOR SHOULDER REPLACEMENT</a>
--

**HANDEDNESS CODE (JOINT REPLACEMENT), renamed from HANDEDNESS CODE**

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">HANDEDNESS CODE</a>
Default Codes:	
National Codes:	See <a href="#">HANDEDNESS CODE FOR JOINT REPLACEMENT</a>
Default Codes:	4 - Not Known

**Notes:**

[HANDEDNESS CODE](#) is the same as attribute [HANDEDNESS CODE](#). [HANDEDNESS CODE \(JOINT REPLACEMENT\)](#) is the same as attribute [HANDEDNESS CODE FOR JOINT REPLACEMENT](#).

**HANDEDNESS CODE (JOINT REPLACEMENT), renamed from HANDEDNESS CODE**

Change to Data Element: Changed Name, Description

- Changed Name from `Data_Dictionary.Data_Field_Notes.H.HANDEDNESS_CODE` to `Data_Dictionary.Data_Field_Notes.H.HANDEDNESS_CODE_(JOINT_REPLACEMENT)`
- Changed Description

HIP JOINT SURGERY PATIENT POSITION\_renamed from HIP SURGERY PATIENT POSITION

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.H.Hi.HIP\_SURGERY\_PATIENT\_POSITION to Data\_Dictionary.Data\_Field\_Notes.H.Hi.HIP\_JOINT\_SURGERY\_PATIENT\_POSITION

IMPLANT CATALOGUE NUMBER

Change to Data Element: Changed Description

Format/Length:	max an100
Format/Length:	max an255
National Codes:	
Default Codes:	

Notes:

[IMPLANT CATALOGUE NUMBER](#) is the same as attribute [IMPLANT CATALOGUE NUMBER](#).

JOINT REPLACEMENT REVISION REASON CODE (ANKLE)

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	max an2
National Codes:	See <a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR ANKLE</a>
Default Codes:	

Notes:

[JOINT REPLACEMENT REVISION REASON CODE \(ANKLE\)](#) is the same as attribute [JOINT REPLACEMENT REVISION REASON CODE FOR ANKLE](#).

JOINT REPLACEMENT REVISION REASON CODE (ELBOW)

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR ELBOW</a>
Default Codes:	

Notes:

[JOINT REPLACEMENT REVISION REASON CODE \(ELBOW\)](#) is the same as attribute [JOINT REPLACEMENT REVISION REASON CODE FOR ELBOW](#).

JOINT REPLACEMENT REVISION REASON CODE (HIP)

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	an3
National Codes:	See <a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR HIP</a>
Default Codes:	

Notes:

[JOINT REPLACEMENT REVISION REASON CODE \(HIP\)](#) is the same as attribute [JOINT REPLACEMENT REVISION REASON CODE FOR HIP](#).

JOINT REPLACEMENT REVISION REASON CODE (KNEE)

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	max an2
National Codes:	See <a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR KNEE</a>
Default Codes:	

Notes:

[JOINT REPLACEMENT REVISION REASON CODE \(KNEE\)](#) is the same as attribute [JOINT REPLACEMENT REVISION REASON CODE FOR KNEE](#).

JOINT REPLACEMENT REVISION REASON CODE (SHOULDER)

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">JOINT REPLACEMENT REVISION REASON CODE FOR SHOULDER</a>
Default Codes:	

**Notes:**

[JOINT REPLACEMENT REVISION REASON CODE \(SHOULDER\)](#) is the same as attribute [JOINT REPLACEMENT REVISION REASON CODE FOR SHOULDER](#).

**LINER REMOVAL INDICATOR (ACETABULAR)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[LINER REMOVAL INDICATOR \(ACETABULAR\)](#) is the same as attribute [LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate if the acetabular liner is extracted during the [Revision Hip Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">LINER REMOVAL INDICATORS (ACETABULAR)</a>

**LINER REMOVAL INDICATOR (ACETABULAR)**

Change to Data Element: New Data Element

**LINER REMOVAL INDICATOR (ACETABULAR)**

**Attribute:**

<a href="#">LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
---

**LINER REMOVAL INDICATOR (TIBIAL)**

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[LINER REMOVAL INDICATOR \(TIBIAL\)](#) is the same as attribute [LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT](#) to indicate if the tibial liner is extracted during the [Revision Knee Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	<a href="#">LINER REMOVAL INDICATORS (TIBIAL)</a>

**LINER REMOVAL INDICATOR (TIBIAL)**

Change to Data Element: New Data Element

**LINER REMOVAL INDICATOR (TIBIAL)**

**Attribute:**

<a href="#">LINER REMOVAL INDICATOR FOR JOINT REPLACEMENT</a>
---

**LOCAL PATIENT IDENTIFIER (NATIONAL JOINT REGISTRY)**

Change to Data Element: New Data Element

Format/Length:	max an50
National Codes:	
Default Codes:	

**Notes:**

[LOCAL PATIENT IDENTIFIER \(NATIONAL JOINT REGISTRY\)](#) is the same as attribute [LOCAL PATIENT IDENTIFIER](#) for the purpose of the [National Joint Registry Data Set](#).

This data element is also known by these names:

Context	Alias
plural	LOCAL PATIENT IDENTIFIERS (NATIONAL JOINT REGISTRY)

LOCAL PATIENT IDENTIFIER (NATIONAL JOINT REGISTRY)

Change to Data Element: New Data Element

### LOCAL PATIENT IDENTIFIER (NATIONAL JOINT REGISTRY)

Attribute:

<a href="#">LOCAL PATIENT IDENTIFIER</a>
--

LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT</a>
Default Codes:	

Notes:

[LONG HEAD BICEPS PRESENT INDICATOR \(SHOULDER REPLACEMENT\)](#) is the same as attribute [LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT](#).

This data element is also known by these names:

Context	Alias
plural	LONG HEAD BICEPS PRESENT INDICATORS (SHOULDER REPLACEMENT)

LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

### LONG HEAD BICEPS PRESENT INDICATOR (SHOULDER REPLACEMENT)

Attribute:

<a href="#">LONG HEAD BICEPS PRESENT INDICATOR FOR SHOULDER REPLACEMENT</a>
---

LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>
Default Codes:	

Notes:

[LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR \(SHOULDER REPLACEMENT\)](#) is the same as attribute [JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR](#) to indicate whether a Long Head Biceps (LHB) tenodesis (detaching the LHB from its superior labrum and reattaching it to the humeral bone just below the shoulder) was performed on a [PATIENT](#) during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

This data element is also known by these names:

Context	Alias
plural	LONG HEAD BICEPS TENODESIS PERFORMED INDICATORS (SHOULDER REPLACEMENT)

LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

### LONG HEAD BICEPS TENODESIS PERFORMED INDICATOR (SHOULDER REPLACEMENT)

Attribute:

<a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>
---

LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT), renamed from [LONG HEAD BICEPS TENOTOMY INDICATOR](#)

Change to Data Element: Changed Name, Description, linked Attribute

Format/Length:	an1
National Codes:	See <a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>
National Codes:	See <a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>
Default Codes:	

**Notes:**

[LONG HEAD BICEPS TENOTOMY INDICATOR](#) is the same as attribute ~~[LONG HEAD BICEPS TENOTOMY INDICATOR](#)~~. [LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR \(SHOULDER REPLACEMENT\)](#) is the same as attribute [JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR](#) to indicate whether a Long Head Biceps (LHB) tenotomy (cutting of a tendon) was performed on a [PATIENT](#) during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

[LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR \(SHOULDER REPLACEMENT\)](#), renamed from [LONG HEAD BICEPS TENOTOMY INDICATOR](#)

Change to Data Element: Changed Name, Description, linked Attribute

## LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR (SHOULDER REPLACEMENT)

**Attribute:**

<a href="#">LONG HEAD BICEPS TENOTOMY INDICATOR</a>
<a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>

[LONG HEAD BICEPS TENOTOMY PERFORMED INDICATOR \(SHOULDER REPLACEMENT\)](#), renamed from [LONG HEAD BICEPS TENOTOMY INDICATOR](#)

Change to Data Element: Changed Name, Description, linked Attribute

- Changed Name from [Data\\_Dictionary.Data\\_Field\\_Notes.L.Li.LONG\\_HEAD\\_BICEPS\\_TENOTOMY\\_INDICATOR](#) to [Data\\_Dictionary.Data\\_Field\\_Notes.L.Li.LONG\\_HEAD\\_BICEPS\\_TENOTOMY\\_PERFORMED\\_INDICATOR\\_\(SHOULDER\\_REPLACEMENT\)](#)
- Changed Description
- null

[MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE \(JOINT REPLACEMENT\)](#), renamed from [MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE](#)

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE</a>
Format/Length:	max an2
National Codes:	See <a href="#">MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT</a>
Default Codes:	

**Notes:**

[MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE](#) is the same as attribute ~~[MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE](#)~~. [MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE \(JOINT REPLACEMENT\)](#) is the same as attribute [MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE FOR JOINT REPLACEMENT](#).

[MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE \(JOINT REPLACEMENT\)](#), renamed from [MECHANICAL THROMBOPROPHYLAXIS REGIME TYPE](#)

Change to Data Element: Changed Name, Description

- Changed Name from [Data\\_Dictionary.Data\\_Field\\_Notes.M.Me.MECHANICAL\\_THROMBOPROPHYLAXIS\\_REGIME\\_TYPE](#) to [Data\\_Dictionary.Data\\_Field\\_Notes.M.Me.MECHANICAL\\_THROMBOPROPHYLAXIS\\_REGIME\\_TYPE\\_\(JOINT\\_REPLACEMENT\)](#)
- Changed Description

[MINIMALLY INVASIVE SURGERY INDICATOR \(JOINT REPLACEMENT\)](#), renamed from [MINIMALLY INVASIVE SURGERY INDICATOR](#)

Change to Data Element: Changed Name

- Changed Name from [Data\\_Dictionary.Data\\_Field\\_Notes.M.MHMD.MINIMALLY\\_INVASIVE\\_SURGERY\\_INDICATOR](#) to [Data\\_Dictionary.Data\\_Field\\_Notes.M.MHMD.MINIMALLY\\_INVASIVE\\_SURGERY\\_INDICATOR\\_\(JOINT\\_REPLACEMENT\)](#)

[MUSCLE TRANSFER INDICATOR \(SHOULDER REPLACEMENT\)](#)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>
Default Codes:	

**Notes:**

[MUSCLE TRANSFER INDICATOR \(SHOULDER REPLACEMENT\)](#) is the same as attribute [JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR](#) to indicate whether a muscle attachment is transferred on a [PATIENT](#) during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	MUSCLE TRANSFER INDICATORS (SHOULDER REPLACEMENT)

MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

**MUSCLE TRANSFER INDICATOR (SHOULDER REPLACEMENT)**

Attribute:

JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR
---

OPERATION FUNDING (NATIONAL JOINT REGISTRY)

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	an1
National Codes:	
Default Codes:	

**Notes:**

[OPERATION FUNDING \(NATIONAL JOINT REGISTRY\)](#) is an indication of whether the [Joint Replacement Surgery](#) is funded by the NHS, for the purpose of the [National Joint Registry Data Set](#).

Permitted National Codes:

- 01 Funded by the NHS
- 02 Funded by Non-NHS
- 2 NHS
- 3 Independent

OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See <a href="#">JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR</a>
Default Codes:	

**Notes:**

[OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR \(SHOULDER REPLACEMENT\)](#) is the same as attribute [JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR](#), to indicate if any other soft tissue [Patient Procedure](#) was performed on a [PATIENT](#) during [Primary Shoulder Replacement Surgery](#) or [Revision Shoulder Replacement Surgery](#).

**This data element is also known by these names:**

Context	Alias
plural	OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATORS (SHOULDER REPLACEMENT)

OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

**OTHER SOFT TISSUE PROCEDURE PERFORMED INDICATOR (SHOULDER REPLACEMENT)**

Attribute:

JOINT REPLACEMENT PATIENT PROCEDURE PERFORMED INDICATOR
---

PATIENT CONSENT OBTAINED INDICATOR (NATIONAL JOINT REGISTRY RECORDING DATA), renamed from PATIENT CONSENT OBTAINED INDICATOR (RECORDING DATA)

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	
Default Codes:	X – Not Recorded
Default Codes:	

**Notes:**

[PATIENT CONSENT OBTAINED INDICATOR \(RECORDING DATA\)](#) indicates whether the [PATIENT](#) has consented to have their details recorded. [PATIENT CONSENT OBTAINED INDICATOR \(NATIONAL JOINT REGISTRY RECORDING DATA\)](#) indicates whether the [PATIENT](#) has consented to have their details recorded for the purpose of the [National Joint Registry Data Set](#).

**Permitted National Codes:**

Y	Yes
N	No

For the [National Joint Registry Data Set](#):

- The consent is for the 'Patient Identifiers' information
- Where consent is not given, the operation details are still recorded.

**Permitted National Codes:**

CODE	NJR CODE	DESCRIPTION
N	0	No - the <a href="#">PATIENT</a> has not consented to have their details recorded
Y	1	Yes - the <a href="#">PATIENT</a> has consented to have their details recorded
X	2	Not Recorded

**PATIENT CONSENT OBTAINED INDICATOR (NATIONAL JOINT REGISTRY RECORDING DATA)**, renamed from **PATIENT CONSENT OBTAINED INDICATOR (RECORDING DATA)**

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.P.Pat.PATIENT\_CONSENT\_OBTAINED\_INDICATOR\_(RECORDING\_DATA) to Data\_Dictionary.Data\_Field\_Notes.P.Pat.PATIENT\_CONSENT\_OBTAINED\_INDICATOR\_(NATIONAL\_JOINT\_REGISTRY\_RECORDING\_DATA)
- Changed Description

**PATIENT DIAGNOSIS INDICATION (PRIMARY ANKLE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	an2
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY ANKLE REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT DIAGNOSIS INDICATION \(PRIMARY ANKLE REPLACEMENT\)](#) is the same as attribute [PATIENT DIAGNOSIS INDICATION FOR PRIMARY ANKLE REPLACEMENT](#).

**PATIENT DIAGNOSIS INDICATION (PRIMARY ELBOW REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	an2
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY ELBOW REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT DIAGNOSIS INDICATION \(PRIMARY ELBOW REPLACEMENT\)](#) is the same as attribute [PATIENT DIAGNOSIS INDICATION FOR PRIMARY ELBOW REPLACEMENT](#).

**PATIENT DIAGNOSIS INDICATION (PRIMARY HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an2
Format/Length:	max an2
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY HIP REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT DIAGNOSIS INDICATION \(PRIMARY HIP REPLACEMENT\)](#) is the same as attribute [PATIENT DIAGNOSIS INDICATION FOR PRIMARY HIP REPLACEMENT](#).

**PATIENT DIAGNOSIS INDICATION (PRIMARY KNEE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY KNEE REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT DIAGNOSIS INDICATION \(PRIMARY KNEE REPLACEMENT\)](#) is the same as attribute [PATIENT DIAGNOSIS INDICATION FOR PRIMARY KNEE REPLACEMENT](#).

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**PATIENT DIAGNOSIS INDICATION (PRIMARY SHOULDER REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT</a>
Format/Length:	an2
National Codes:	See <a href="#">PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT DIAGNOSIS INDICATION \(PRIMARY SHOULDER REPLACEMENT\)](#) is the same as attribute [PATIENT DIAGNOSIS INDICATION FOR PRIMARY SHOULDER REPLACEMENT](#).

---

**PATIENT PROCEDURE TYPE (PRIMARY ELBOW REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY ELBOW REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT PROCEDURE TYPE \(PRIMARY ELBOW REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR PRIMARY ELBOW REPLACEMENT](#).

---

**PATIENT PROCEDURE TYPE (PRIMARY HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY HIP REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT PROCEDURE TYPE \(PRIMARY HIP REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR PRIMARY HIP REPLACEMENT](#).

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**PATIENT PROCEDURE TYPE (PRIMARY KNEE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an3
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY KNEE REPLACEMENT</a>
Default Codes:	

**Notes:**

[PATIENT PROCEDURE TYPE \(PRIMARY KNEE REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR PRIMARY KNEE REPLACEMENT](#).

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**PATIENT PROCEDURE TYPE (PRIMARY SHOULDER REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
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Format/Length:	an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR PRIMARY SHOULDER REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(PRIMARY SHOULDER REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR PRIMARY SHOULDER REPLACEMENT](#).

**PATIENT PROCEDURE TYPE (REVISION ANKLE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR REVISION ANKLE REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(REVISION ANKLE REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR REVISION ANKLE REPLACEMENT](#).

**PATIENT PROCEDURE TYPE (REVISION ELBOW REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR REVISION ELBOW REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(REVISION ELBOW REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR REVISION ELBOW REPLACEMENT](#).

**PATIENT PROCEDURE TYPE (REVISION HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR REVISION HIP REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(REVISION HIP REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR REVISION HIP REPLACEMENT](#).

**PATIENT PROCEDURE TYPE (REVISION KNEE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR REVISION KNEE REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(REVISION KNEE REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR REVISION KNEE REPLACEMENT](#).

**PATIENT PROCEDURE TYPE (REVISION SHOULDER REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	an2
National Codes:	See <a href="#">PATIENT PROCEDURE TYPE FOR REVISION SHOULDER REPLACEMENT</a>
Default Codes:	

**Notes:**  
[PATIENT PROCEDURE TYPE \(REVISION SHOULDER REPLACEMENT\)](#) is the same as attribute [PATIENT PROCEDURE TYPE FOR REVISION SHOULDER REPLACEMENT](#).

PATIENT SPECIFIC INSTRUMENTS INDICATOR (SHOULDER OR KNEE REPLACEMENT)\_renamed from PATIENT SPECIFIC INSTRUMENTS INDICATOR (KNEE REPLACEMENT)

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.P.Pat.PATIENT\_SPECIFIC\_INSTRUMENTS\_INDICATOR\_(KNEE\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.P.Pat.PATIENT\_SPECIFIC\_INSTRUMENTS\_INDICATOR\_(SHOULDER\_OR\_KNEE\_REPLACEMENT)

PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	
Default Codes:	

Notes:

PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY) is the same as attribute PERSON STATED GENDER CODE for the purpose of the National Joint Registry Data Set

Permitted National Codes:

CODE	NJR CODE	DESCRIPTION	NJR DESCRIPTION
1	1	Male	Male
2	2	Female	Female
9	9	Indeterminate (unable to be classified as either male or female)	Not Specified
X	0	Not Known (not recorded)	Not Known

PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY)

Change to Data Element: New Data Element

PERSON STATED GENDER CODE (NATIONAL JOINT REGISTRY)

Attribute:

PERSON STATED GENDER CODE
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PREVIOUS BONY INFECTION INDICATOR (ANKLE REPLACEMENT TIBIA OR HINDFOOT)\_renamed from PREVIOUS BONY INFECTION INDICATOR (TIBIA OR HINDFOOT)

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT</a>
Default Codes:	X - Not Available
National Codes:	See <a href="#">PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT</a>
Default Codes:	3 - Not Available

Notes:

~~PREVIOUS BONY INFECTION INDICATOR (TIBIA OR HINDFOOT) is the same as attribute PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT.~~ PREVIOUS BONY INFECTION INDICATOR (ANKLE REPLACEMENT TIBIA OR HINDFOOT) is the same as attribute PREVIOUS BONY INFECTION INDICATOR OF TIBIA OR HINDFOOT FOR ANKLE REPLACEMENT.

PREVIOUS BONY INFECTION INDICATOR (ANKLE REPLACEMENT TIBIA OR HINDFOOT)\_renamed from PREVIOUS BONY INFECTION INDICATOR (TIBIA OR HINDFOOT)

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_BONY\_INFECTION\_INDICATOR\_(TIBIA\_OR\_HINDFOOT) to Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_BONY\_INFECTION\_INDICATOR\_(ANKLE\_REPLACEMENT\_TIBIA\_OR\_HINDFOOT)
- Changed Description

PREVIOUS FRACTURE OF INDEX JOINT INDICATOR (ANKLE REPLACEMENT)\_renamed from PREVIOUS FRACTURE INDICATOR (ANKLE REPLACEMENT)

Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">PREVIOUS FRACTURE INDICATOR FOR ANKLE REPLACEMENT</a>
Default Codes:	X - Not Available
National Codes:	See <a href="#">PREVIOUS FRACTURE OF INDEX JOINT INDICATOR FOR ANKLE REPLACEMENT</a>
Default Codes:	3 - Not Available

**Notes:**

~~PREVIOUS\_FRACTURE\_INDICATOR\_(ANKLE\_REPLACEMENT)~~ is the same as attribute ~~PREVIOUS\_FRACTURE\_INDICATOR\_FOR\_ANKLE\_REPLACEMENT~~.

PREVIOUS\_FRACTURE\_OF\_INDEX\_JOINT\_INDICATOR\_(ANKLE\_REPLACEMENT) is the same as attribute PREVIOUS\_FRACTURE\_OF\_INDEX\_JOINT\_INDICATOR\_FOR\_ANKLE\_REPLACEMENT.

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PREVIOUS\_FRACTURE\_OF\_INDEX\_JOINT\_INDICATOR\_(ANKLE\_REPLACEMENT)\_renamed from PREVIOUS\_FRACTURE\_INDICATOR\_(ANKLE\_REPLACEMENT)

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Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_FRACTURE\_INDICATOR\_(ANKLE\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_FRACTURE\_OF\_INDEX\_JOINT\_INDICATOR\_(ANKLE\_REPLACEMENT)
- Changed Description

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PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_(ANKLE\_REPLACEMENT)\_renamed from PREVIOUS\_SURGERY\_TYPE\_(ANKLE\_JOINT)

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Change to Data Element: Changed Name, Description

Format/Length:	an1
National Codes:	See <a href="#">PREVIOUS_SURGERY_TYPE_FOR_ANKLE_JOINT</a>
Default Codes:	
National Codes:	See <a href="#">PREVIOUS_INDEX_JOINT_SURGERY_TYPE_FOR_ANKLE_REPLACEMENT</a>
Default Codes:	6 - Not Available

**Notes:**

~~PREVIOUS\_SURGERY\_TYPE\_(ANKLE\_JOINT)~~ is the same as attribute ~~PREVIOUS\_SURGERY\_TYPE\_FOR\_ANKLE\_JOINT~~.PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_(ANKLE\_REPLACEMENT) is the same as attribute PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_FOR\_ANKLE\_REPLACEMENT.

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PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_(ANKLE\_REPLACEMENT)\_renamed from PREVIOUS\_SURGERY\_TYPE\_(ANKLE\_JOINT)

---

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_SURGERY\_TYPE\_(ANKLE\_JOINT) to Data\_Dictionary.Data\_Field\_Notes.P.Pret.PREVIOUS\_INDEX\_JOINT\_SURGERY\_TYPE\_(ANKLE\_REPLACEMENT)
- Changed Description

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PREVIOUS\_SURGERY\_TYPE\_(SHOULDER\_REPLACEMENT)

---

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">PREVIOUS_SURGERY_TYPE_FOR_SHOULDER_REPLACEMENT</a>
Default Codes:	

**Notes:**

PREVIOUS\_SURGERY\_TYPE\_(SHOULDER\_REPLACEMENT) is the same as attribute PREVIOUS\_SURGERY\_TYPE\_FOR\_SHOULDER\_REPLACEMENT.

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REVISION\_PROCEDURE\_TYPE\_(ANKLE\_REPLACEMENT)\_renamed from REVISION\_PROCEDURE\_TYPE\_(ANKLE\_OR\_KNEE\_REPLACEMENT)

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Change to Data Element: Changed Name, Description

Format/Length:	an4
National Codes:	See <a href="#">REVISION_PROCEDURE_TYPE_FOR_ANKLE_OR_KNEE_REPLACEMENT</a>
Format/Length:	an2
National Codes:	See <a href="#">REVISION_PROCEDURE_TYPE_FOR_ANKLE_REPLACEMENT</a>
Default Codes:	

**Notes:**

~~REVISION\_PROCEDURE\_TYPE\_(ANKLE\_OR\_KNEE\_REPLACEMENT)~~ is the same as attribute ~~REVISION\_PROCEDURE\_TYPE\_FOR\_ANKLE\_OR\_KNEE\_REPLACEMENT~~.REVISION\_PROCEDURE\_TYPE\_(ANKLE\_REPLACEMENT) is the same as attribute REVISION\_PROCEDURE\_TYPE\_FOR\_ANKLE\_REPLACEMENT.

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REVISION\_PROCEDURE\_TYPE\_(ANKLE\_REPLACEMENT)\_renamed from REVISION\_PROCEDURE\_TYPE\_(ANKLE\_OR\_KNEE\_REPLACEMENT)

---

Change to Data Element: Changed Name, Description

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.R.Rep.REVISION\_PROCEDURE\_TYPE\_(ANKLE\_OR\_KNEE\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.R.Rep.REVISION\_PROCEDURE\_TYPE\_(ANKLE\_REPLACEMENT)
- Changed Description

REVISION PROCEDURE TYPE (ELBOW REPLACEMENT), renamed from REVISION PROCEDURE TYPE (ELBOW OR SHOULDER REPLACEMENT)

Change to Data Element: Changed Name, Description

Format/Length:	an4
National Codes:	See <a href="#">REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT</a>
Format/Length:	an2
National Codes:	See <a href="#">REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT</a>
Default Codes:	

Notes:

[REVISION PROCEDURE TYPE \(ELBOW OR SHOULDER REPLACEMENT\)](#) is the same as attribute [REVISION PROCEDURE TYPE FOR ELBOW OR SHOULDER REPLACEMENT](#). [REVISION PROCEDURE TYPE \(ELBOW REPLACEMENT\)](#) is the same as attribute [REVISION PROCEDURE TYPE FOR ELBOW REPLACEMENT](#).

REVISION PROCEDURE TYPE (ELBOW REPLACEMENT), renamed from REVISION PROCEDURE TYPE (ELBOW OR SHOULDER REPLACEMENT)

Change to Data Element: Changed Name, Description

- Changed Name from (ELBOW\_OR\_SHOULDER\_REPLACEMENT) to Data\_Dictionary.Data\_Field\_Notes.R.Rep.REVISION\_PROCEDURE\_TYPE\_(ELBOW\_REPLACEMENT)
- Changed Description

REVISION PROCEDURE TYPE (HIP REPLACEMENT)

Change to Data Element: Changed Description

Format/Length:	an4
Format/Length:	max an2
National Codes:	See <a href="#">REVISION PROCEDURE TYPE FOR HIP REPLACEMENT</a>
Default Codes:	

Notes:

[REVISION PROCEDURE TYPE \(HIP REPLACEMENT\)](#) is the same as attribute [REVISION PROCEDURE TYPE FOR HIP REPLACEMENT](#).

REVISION PROCEDURE TYPE (KNEE REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	max an2
National Codes:	See <a href="#">REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT</a>
Default Codes:	

Notes:

[REVISION PROCEDURE TYPE \(KNEE REPLACEMENT\)](#) is the same as attribute [REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT](#).

This data element is also known by these names:

Context	Alias
plural	REVISION PROCEDURE TYPES (KNEE REPLACEMENT)

REVISION PROCEDURE TYPE (KNEE REPLACEMENT)

Change to Data Element: New Data Element

**REVISION PROCEDURE TYPE (KNEE REPLACEMENT)**

Attribute:

<a href="#">REVISION PROCEDURE TYPE FOR KNEE REPLACEMENT</a>
--

REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an2
National Codes:	See <a href="#">REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT</a>
Default Codes:	

Notes:

[REVISION PROCEDURE TYPE \(SHOULDER REPLACEMENT\)](#) is the same as attribute [REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT](#).

**This data element is also known by these names:**

Context	Alias
plural	REVISION PROCEDURE TYPES (SHOULDER REPLACEMENT)

REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

**REVISION PROCEDURE TYPE (SHOULDER REPLACEMENT)**

Attribute:

REVISION PROCEDURE TYPE FOR SHOULDER REPLACEMENT
--

ROTATOR CUFF CONDITION (SHOULDER REPLACEMENT), renamed from ROTATOR CUFF CONDITION

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.R.Rep.ROTATOR\_CUFF\_CONDITION to Data\_Dictionary.Data\_Field\_Notes.R.Rep.ROTATOR\_CUFF\_CONDITION\_(SHOULDER\_REPLACEMENT)

ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT
Default Codes:	

Notes:

ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT) is the same as attribute ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT.

**This data element is also known by these names:**

Context	Alias
plural	ROTATOR CUFF REPAIRED INDICATORS (SHOULDER REPLACEMENT)

ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

**ROTATOR CUFF REPAIRED INDICATOR (SHOULDER REPLACEMENT)**

Attribute:

ROTATOR CUFF REPAIRED INDICATOR FOR SHOULDER REPLACEMENT
--

ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT
Default Codes:	

Notes:

ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT) is the same as attribute ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT.

**This data element is also known by these names:**

Context	Alias
plural	ROTATOR CUFF REPAIR TYPES (SHOULDER REPLACEMENT)

ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)

Change to Data Element: New Data Element

**ROTATOR CUFF REPAIR TYPE (SHOULDER REPLACEMENT)**

Attribute:

ROTATOR CUFF REPAIR TYPE FOR SHOULDER REPLACEMENT
---

**SUBTALAR JOINT MOVEMENT CODE (PRIMARY ANKLE REPLACEMENT)**, renamed from SUBTALAR JOINT MOVEMENT CODE

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.S.Su.SUBTALAR\_JOINT\_MOVEMENT\_CODE to Data\_Dictionary.Data\_Field\_Notes.S.Su.SUBTALAR\_JOINT\_MOVEMENT\_CODE\_(PRIMARY\_ANKLE\_REPLACEMENT)

**SURGEON NOTES**

Change to Data Element: Changed Description

Format/Length: max an4000  
National Codes:  
Default Codes:

**Notes:**

[SURGEON NOTES](#) is the same as attribute [PERSON OBSERVATION TEXT STRING](#).

[SURGEON NOTES](#): For the [National Joint Registry Data Set](#):

- Is free text further information to record any additional information about the operation that the surgeon may want to record
- For the [National Joint Registry Data Set](#), if there is no additional information, the field is left blank.
- [SURGEON NOTES](#) Is free text further information to record any additional information about the operation that the surgeon may want to record
- If there is no additional information, the field is left blank.

**SURGICAL APPROACH (PRIMARY HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length: an1  
Format/Length: max an2  
National Codes: See [SURGICAL APPROACH FOR PRIMARY HIP REPLACEMENT](#)  
Default Codes:

**Notes:**

[SURGICAL APPROACH \(PRIMARY HIP REPLACEMENT\)](#) is the same as attribute [SURGICAL APPROACH FOR PRIMARY HIP REPLACEMENT](#).

**SURGICAL APPROACH (REVISION HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length: an1  
Format/Length: max an2  
National Codes: See [SURGICAL APPROACH FOR REVISION HIP REPLACEMENT](#)  
Default Codes:

**Notes:**

[SURGICAL APPROACH \(REVISION HIP REPLACEMENT\)](#) is the same as attribute [SURGICAL APPROACH FOR REVISION HIP REPLACEMENT](#).

**TIBIA-HINDFOOT ALIGNMENT CODE (PRIMARY ANKLE REPLACEMENT)**, renamed from TIBIA-HINDFOOT ALIGNMENT CODE

Change to Data Element: Changed Name

- Changed Name from Data\_Dictionary.Data\_Field\_Notes.T.Th.TIBIA-HINDFOOT\_ALIGNMENT\_CODE to Data\_Dictionary.Data\_Field\_Notes.T.Th.TIBIA-HINDFOOT\_ALIGNMENT\_CODE\_(PRIMARY\_ANKLE\_REPLACEMENT)

**UNTOWARD INTRAOPERATIVE EVENT CODE (ANKLE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length: an1  
Format/Length: an2  
National Codes: See [UNTOWARD INTRAOPERATIVE EVENT CODE FOR ANKLE REPLACEMENT](#)  
Default Codes:

**Notes:**

[UNTOWARD INTRAOPERATIVE EVENT CODE \(ANKLE REPLACEMENT\)](#) is the same as attribute [UNTOWARD INTRAOPERATIVE EVENT CODE FOR ANKLE REPLACEMENT](#).

**UNTOWARD INTRAOPERATIVE EVENT CODE (ELBOW REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR ELBOW REPLACEMENT</a>
Default Codes:	

**Notes:**

[UNTOWARD INTRAOPERATIVE EVENT CODE \(ELBOW REPLACEMENT\)](#) is the same as attribute [UNTOWARD INTRAOPERATIVE EVENT CODE FOR ELBOW REPLACEMENT](#).

**UNTOWARD INTRAOPERATIVE EVENT CODE (HIP REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR HIP REPLACEMENT</a>
Default Codes:	

**Notes:**

[UNTOWARD INTRAOPERATIVE EVENT CODE \(HIP REPLACEMENT\)](#) is the same as attribute [UNTOWARD INTRAOPERATIVE EVENT CODE FOR HIP REPLACEMENT](#).

**UNTOWARD INTRAOPERATIVE EVENT CODE (KNEE REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR KNEE REPLACEMENT</a>
Default Codes:	

**Notes:**

[UNTOWARD INTRAOPERATIVE EVENT CODE \(KNEE REPLACEMENT\)](#) is the same as attribute [UNTOWARD INTRAOPERATIVE EVENT CODE FOR KNEE REPLACEMENT](#).

**UNTOWARD INTRAOPERATIVE EVENT CODE (SHOULDER REPLACEMENT)**

Change to Data Element: Changed Description

Format/Length:	an1
Format/Length:	max an2
National Codes:	See <a href="#">UNTOWARD INTRAOPERATIVE EVENT CODE FOR SHOULDER REPLACEMENT</a>
Default Codes:	

**Notes:**

[UNTOWARD INTRAOPERATIVE EVENT CODE \(SHOULDER REPLACEMENT\)](#) is the same as attribute [UNTOWARD INTRAOPERATIVE EVENT CODE FOR SHOULDER REPLACEMENT](#).

For enquiries about this Change Request, please email [information.standards@nhs.net](mailto:information.standards@nhs.net)



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