

**Excluded: Procedure not routinely funded**

**Bedfordshire, Hertfordshire, West Essex and Milton Keynes  
Priorities Forum statement**

<b>Number</b>	<b>89</b>
<b>Subject</b>	<b>Revision Surgery for Hip and Knee Replacement</b>
<b>Date of decision</b>	<b>May 2018</b>
<b>Date of review</b>	<b>Feb 2019 - Minor revision (BLMK Policy Group)</b>
<b>Date of review</b>	<b>May 2021</b>

**GUIDANCE**

[This guidance is based on Thames Valley Priorities Committee Commissioning policy]

***NB Primary hip and knee replacement guidance is covered in another forum statement.***

CCGs will fund up to two revision operations after primary hip and knee replacement, if they meet the criteria specified below.

As per NHS England Service Specification (2013)<sup>1</sup>, specialised orthopaedic services should be provided by appropriately trained multi-disciplinary teams (MDTs) at a specialist centre or hub provider through networks which have a critical mass to ensure that the right clinical skills and expertise are in place to ensure excellent outcomes.

Hip and knee revisions are subsequent operations on a joint that has already had a primary arthroplasty (joint reconstruction) operation. This includes revision and conversion surgery (partial knee replacement revision i.e. revision with like for like prosthesis and revision to a total knee replacement i.e. conversion, are both described as revisions).

Hip and knee revision surgery can be carried out by local Specialist Orthopaedic Units, with the required expertise, with the exception of patients requiring specialist procedures for massive bone defects, pelvic fractures, infection or complex segmental femoral reconstruction. These exceptional patients should be referred to a Specialist Orthopaedic Centre.

<sup>1</sup> NHS Standard contract for specialised orthopaedics (adult) Schedule 2 The Services A. Service Specifications <https://www.england.nhs.uk/wp-content/uploads/2013/06/d10-spec-orthopaedics.pdf>

## **General referral guidance for hip and knee joint replacement revision surgery:**

NHS CCG funding for referral and assessment for first or second revision of hip or knee joint replacement revision surgery should be recommended in patients in whom the following criteria are met:

1. The patient has persistent pain which may indicate the presence of joint infection.  
OR
2. Where infection is not suspected the patient has:
  - persistent joint pain and/or loss of range of movement and function AND
  - X-ray confirms the presence of aseptic loosening of the prosthesis AND
  - had the evidence for outcome from revision surgery explained to them and understands that the outcomes from revision surgery are not likely be as good as those from primary replacement surgery. OR
  - Disease progression after partial knee replacement: Where osteoarthritis (OA) has progressed in compartments of the knee that have not been replaced
3. All patients should be fit for surgery at the time of referral and meet local criteria for lifestyle recommendations, including weight loss and smoking cessation, as per the policy for elective primary hip and knee surgery.

Initial assessment should be based in primary care with referral for consideration of revision surgery offered to symptomatic patients as above.

CCGs will normally require prior approval for all revision surgery.

### **Human Rights and Equalities Legislation has been considered in the formation of this policy**

OPCS Codes:

NHS England Prescribed Specialised Service 'flag rule' indicates that third revision and greater will be funded by NHS England (OPCS-4 code Y717 'Third or greater revisional operation NOC 'National Clinical Coding Standards'). These patients who require third or greater revision surgery may need to be transferred to a designated centre.

O171	Remanipulation of intracapsular fracture of neck of femur and fixation using nail or screw
O182	Conversion to hybrid prosthetic replacement of knee joint using cement
O183	Revision of hybrid prosthetic replacement of knee joint using cement
O184	Attention to hybrid prosthetic replacement of knee joint using cement
O188	Other specified hybrid prosthetic replacement of knee joint using cement
O189	Unspecified hybrid prosthetic replacement of knee joint using cement
O212	Conversion to total prosthetic replacement of elbow joint using cement
O213	Revision of total prosthetic replacement of elbow joint using cement
O214	Revision of one component of total prosthetic replacement of elbow joint using cement
O222	Conversion to total prosthetic replacement of elbow joint not using cement
O223	Revision of total prosthetic replacement of elbow joint not using cement
O224	Revision of one component of total prosthetic replacement of elbow joint not using cement
O232	Conversion to total prosthetic replacement of elbow joint NEC
O233	Revision of total prosthetic replacement of elbow joint NEC
O234	Attention to total prosthetic replacement of elbow joint NEC
O235	Revision of one component of total prosthetic replacement of elbow joint NEC

O243 Revision of prosthetic replacement of head of radius using cement  
 O253 Revision of prosthetic replacement of head of radius not using cement  
 O263 Revision of prosthetic replacement of head of radius NEC  
 W372 Conversion to total prosthetic replacement of hip joint using cement  
 W373 Revision of total prosthetic replacement of hip joint using cement  
 W374 Revision of one component of total prosthetic replacement of hip joint using cement  
 W378 Other specified total prosthetic replacement of hip joint using cement  
 W379 Unspecified total prosthetic replacement of hip joint using cement  
 W382 Conversion to total prosthetic replacement of hip joint not using cement  
 W383 Revision of total prosthetic replacement of hip joint not using cement  
 W384 Revision of one component of total prosthetic replacement of hip joint not using cement  
 W388 Other specified total prosthetic replacement of hip joint not using cement  
 W389 Unspecified total prosthetic replacement of hip joint not using cement  
 W392 Conversion to total prosthetic replacement of hip joint NEC  
 W393 Revision of total prosthetic replacement of hip joint NEC  
 W394 Attention to total prosthetic replacement of hip joint NEC  
 W395 Revision of one component of total prosthetic replacement of hip joint NEC  
 W396 Closed reduction of dislocated total prosthetic replacement of hip joint  
 W398 Other specified other total prosthetic replacement of hip joint  
 W399 Unspecified other total prosthetic replacement of hip joint  
 W402 Conversion to total prosthetic replacement of knee joint using cement  
 W403 Revision of total prosthetic replacement of knee joint using cement  
 W404 Revision of one component of total prosthetic replacement of knee joint using cement  
 W408 Other specified total prosthetic replacement of knee joint using cement  
 W409 Unspecified total prosthetic replacement of knee joint using cement  
 W412 Conversion to total prosthetic replacement of knee joint not using cement  
 W413 Revision of total prosthetic replacement of knee joint not using cement  
 W414 Revision of one component of total prosthetic replacement of knee joint not using cement  
 W418 Other specified total prosthetic replacement of knee joint not using cement  
 W419 Unspecified total prosthetic replacement of knee joint not using cement  
 W422 Conversion to total prosthetic replacement of knee joint NEC  
 W423 Revision of total prosthetic replacement of knee joint NEC  
 W424 Attention to total prosthetic replacement of knee joint NEC  
 W425 Revision of one component of total prosthetic replacement of knee joint NEC  
 W426 Arthrolysis of total prosthetic replacement of knee joint  
 W428 Other specified other total prosthetic replacement of knee joint  
 W429 Unspecified other total prosthetic replacement of knee joint  
 W432 Conversion to total prosthetic replacement of joint using cement NEC  
 W433 Revision of total prosthetic replacement of joint using cement NEC  
 W434 Revision of one component of total prosthetic replacement of joint using cement NEC  
 W438 Other specified total prosthetic replacement of other joint using cement  
 W439 Unspecified total prosthetic replacement of other joint using cement  
 W442 Conversion to total prosthetic replacement of joint not using cement NEC  
 W443 Revision of total prosthetic replacement of joint not using cement NEC  
 W444 Revision of one component of total prosthetic replacement of joint not using cement NEC  
 W448 Other specified total prosthetic replacement of other joint not using cement  
 W449 Unspecified total prosthetic replacement of other joint not using cement  
 W452 Conversion to total prosthetic replacement of joint NEC  
 W453 Revision of total prosthetic replacement of joint NEC  
 W454 Attention to total prosthetic replacement of joint NEC  
 W455 Revision of one component of total prosthetic replacement of joint NEC  
 W458 Other specified other total prosthetic replacement of other joint  
 W459 Unspecified other total prosthetic replacement of other joint  
 W462 Conversion to prosthetic replacement of head of femur using cement  
 W463 Revision of prosthetic replacement of head of femur using cement  
 W468 Other specified prosthetic replacement of head of femur using cement  
 W469 Unspecified prosthetic replacement of head of femur using cement  
 W472 Conversion to prosthetic replacement of head of femur not using cement  
 W473 Revision of prosthetic replacement of head of femur not using cement  
 W478 Other specified prosthetic replacement of head of femur not using cement

W479 Unspecified prosthetic replacement of head of femur not using cement  
W482 Conversion to prosthetic replacement of head of femur NEC  
W483 Revision of prosthetic replacement of head of femur NEC  
W484 Attention to prosthetic replacement of head of femur NEC  
W485 Closed reduction of dislocated prosthetic replacement of head of femur  
W488 Other specified other prosthetic replacement of head of femur  
W489 Unspecified other prosthetic replacement of head of femur  
W492 Conversion to prosthetic replacement of head of humerus using cement  
W493 Revision of prosthetic replacement of head of humerus using cement  
W494 Resurfacing hemiarthroplasty of head of humerus using cement  
W498 Other specified prosthetic replacement of head of humerus using cement  
W499 Unspecified prosthetic replacement of head of humerus using cement  
W502 Conversion to prosthetic replacement of head of humerus not using cement  
W503 Revision of prosthetic replacement of head of humerus not using cement  
W504 Resurfacing hemiarthroplasty of head of humerus not using cement  
W508 Other specified prosthetic replacement of head of humerus not using cement  
W509 Unspecified prosthetic replacement of head of humerus not using cement  
W512 Conversion to prosthetic replacement of head of humerus NEC  
W513 Revision of prosthetic replacement of head of humerus NEC  
W514 Attention to prosthetic replacement of head of humerus NEC  
W515 Resurfacing hemiarthroplasty of head of humerus NEC  
W518 Other specified other prosthetic replacement of head of humerus  
W519 Unspecified other prosthetic replacement of head of humerus  
W522 Conversion to prosthetic replacement of articulation of bone using cement NEC  
W523 Revision of prosthetic replacement of articulation of bone using cement NEC  
W528 Other specified prosthetic replacement of articulation of other bone using cement  
W529 Unspecified prosthetic replacement of articulation of other bone using cement  
W532 Conversion to prosthetic replacement of articulation of bone not using cement NEC  
W533 Revision of prosthetic replacement of articulation of bone not using cement NEC  
W538 Other specified prosthetic replacement of articulation of other bone not using cement  
W539 Unspecified prosthetic replacement of articulation of other bone not using cement  
W542 Conversion to prosthetic replacement of articulation of bone NEC  
W543 Revision of prosthetic replacement of articulation of bone NEC  
W544 Attention to prosthetic replacement of articulation of bone NEC  
W548 Other specified other prosthetic replacement of articulation of other bone  
W549 Unspecified other prosthetic replacement of articulation of other bone