

Policy title	Hip and knee replacement revision surgery v1.1
Policy position	Criteria Based Access
Date of Forum recommendation	February 2019

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

As per NHS England Service Specification (2013), 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 (revision with like for like prosthesis and revision of a partial knee replacement to a total knee replacement i.e. conversion) both are 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.

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

BLMK ICB 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:
 - a. persistent joint pain and/or loss of range of movement and function AND
 - b. X-ray confirms the presence of aseptic loosening of the prosthesis AND
 - c. 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
 - d. Disease progression after partial knee replacement: Where osteoarthritis (OA) has progressed in compartments of the knee that have not been replaced

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 carried out in primary care with referral for consideration of revision surgery offered to symptomatic patients as above.

(This guidance is based on Thames Valley Priorities Committee Commissioning policy)

Reference:

NHS Standard contract for specialised orthopaedics (adult) Schedule 2 The Services A. Service Specifications (2013)

NOTE:

- This policy will be reviewed in the light of new evidence or new national guidance e.g. from NICE
- Where a patient does not meet the policy criteria or the intervention is not normally funded by the NHS, an application for clinical exceptionality can be considered via the ICB's Individual Funding Request (IFR) Policy and Process

Clinical coding:

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

Key words: Hip revision, knee revision, conversion surgery