Operative procedure codes (OPCS 4.8) that we used to identify knee revision in the Hospital Episode Statistics (HES) registry.


**Procedure type 2:** W52.0, “Conversion from previous cemented prosthetic replacement of articulation of bone NEC”; W52.2, “Conversion to prosthetic replacement of articulation of bone using cement NEC”; W52.3, “Revision of prosthetic replacement of articulation of bone

Site for revision: Z76.5, “Lower end of femur NEC”; Z77.4, “Upper end of tibia NEC”; Z78.7, “Patella”; Z84.4, “Patellofemoral joint”; Z84.5, “Tibiofemoral joint”; Z84.6, “Knee joint”.


**Algorithm:** One code from procedure type 1 or a combination of one code from procedure type 2 and site for revision were used to identify knee revision. Combination of codes from procedures type 3 and type 1 or procedure type 3, type 2 and site of surgery identified knee revision after a primary knee unicompartmental replacement (UKR).