

Joint Replacement Review Questions

	Review questions
1.1	What information would those having primary elective joint replacement surgery like to have prior to surgery?
1.2	How useful are decision aids in helping people who are referred for primary elective joint replacement make decisions about their treatment (for example, the type of procedure, timing and implant choice)?
2.1	Is preoperative rehabilitation clinically and cost effective for people having primary elective joint replacement?
3.1	In adults having primary elective hip joint replacement, what is the clinical and cost effectiveness of intraoperative anaesthetic approaches: regional anaesthesia or general anaesthesia, with or without nerve blocks and local infiltration analgesia, compared with each other or in combination?
3.2	In adults having primary elective knee joint replacement, what is the clinical and cost effectiveness of regional anaesthesia or general anaesthesia, with or without nerve blocks and local infiltration analgesia, compared with each other or in combination?
3.3	In adults having primary elective shoulder joint replacement, what is the most clinical and cost effective intraoperative anaesthetic approach?
4.1	In adults having primary elective joint replacement, what is the clinical and cost effectiveness of tranexamic acid (TXA) for minimising blood loss from surgery?
5.1	In adults having primary elective joint replacement, what is the clinical and cost effectiveness of antibiotic or antiseptic wound lavage during the procedure?
5.2	In adults having primary elective joint replacement or orthopaedic surgery utilising metallic implants, what is the clinical and cost effectiveness of using ultra clean-air theatres?
6.1	What interventions would reduce the number of intraoperative implant selection errors, including systems and processes for selection, in adults having primary elective joint replacement?
7.1	In adults having primary elective knee replacement, what is the clinical and cost effectiveness of total knee replacement versus partial knee replacement?
7.2	In adults having primary elective knee replacement, what is the clinical and cost effectiveness of total knee replacement with patella resurfacing versus total knee replacement without patella resurfacing versus total knee replacement with selective resurfacing?
7.3	In adults having primary elective hip replacement, what is the most clinical and cost-effective approach: posterior, direct anterior, anterolateral, direct superior or SuperPATH ?
7.4	In adults having primary elective shoulder replacement for osteoarthritis with an intact rotator cuff, what is the clinical and cost effectiveness of humeral hemiarthroplasty versus conventional total shoulder arthroplasty
7.5	versus reverse total shoulder arthroplasty?
7.6	In adults having primary elective shoulder replacement for pain and functional loss after a previous proximal humeral fracture (not acute trauma), what is the clinical and cost effectiveness of reverse total shoulder arthroplasty versus humeral hemiarthroplasty versus conventional total shoulder arthroplasty?
8.1	In adults who have undergone primary elective hip or knee replacement, what is the most clinical and cost-effective timing and duration for inpatient rehabilitation?
8.2	In adults who have undergone primary elective shoulder replacement, what is the most clinical and cost-effective timing and duration for inpatient rehabilitation?
8.3	In adults who have undergone primary elective hip or knee replacement, what is the clinical and cost effectiveness of self-directed outpatient rehabilitation versus supervised outpatient rehabilitation?
8.4	In adults who have undergone primary elective shoulder replacement, what is the clinical and cost effectiveness of supervised outpatient rehabilitation versus self-directed outpatient rehabilitation?
9.1	(A) In adults having primary elective joint replacement, what would be the optimal timing of follow-up or surveillance appointments? (B) In adults having primary elective joint replacement, who should carry out follow-up or surveillance appointments? (C) In adults having primary elective joint replacement, should x-rays be undertaken for all follow-up or surveillance appointments?

