

Curbside Consultation in Knee Arthroplasty: 49 Clinical Questions

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Subjects: Preoperative planning, intraoperative and post-operative management of knee arthroplasty; management of the revision knee arthroplasty.

DESCRIPTION: A user- friendly reference for decision making in complicated cases of knee arthroplasty designed in a question and answers format composed of articles containing current concepts and preferences of experts in total knee replacement surgery, enhanced by several images, diagrams and references and written in the form of a casual advice by Craig J. Della Vale, MD. and his collaborators.

PURPOSE: By this practical reference of knee arthroplasty, the editor and the contributors have aimed providing straightforward and brief answers, evidence-based advices, their preference and opinions containing current concepts for unanswered questions about complicated cases in total knee replacement surgery which are often controversial and not addressed clearly in traditional knee arthroplasty references

AUDIENCE: Mainly orthopedic surgeons and residents who are interested in knee arthroplasty have been targeted but the current information related to total knee replacement surgery will also be welcomed by experienced clinicians practicing in knee arthroplasty. Also non-physician personnel may benefit the brief knowledge.

FEATURES: There are 49 subjects each written by a different expert designed in 4 sections in a question and answers format including several images and diagrams and also essential references at the end of each article. In the first section preoperative questions is subjected including indications, unicompartmental osteoarthritis of the knee, patient with vascular problems, donating blood, bilateral arthroplasty, patellar resurfacing, range of motion, bearing surface, contraindications, teaching class for patients prior surgery. The second section is about intraoperative questions including skin incision, patella femoral maltracking, femoral component rotation, tibial component rotation, lateral release, femoral component sizing, flexion instability, varus deformity, and valgus deformity, tightness in extension, iatrogenic MCL injury, antibiotic-loaded cement, and perioperative pain. The third section subjects postoperative questions including wound drainage, preventing tromboembolic events, vascular complications, foot drop, manipulation under anesthesia, patella fractures, supracondylar femur fractures, acute extensor

mechanism disruptions. In the fourth chapter there are revision questions including painful total knee arthroplasty, periprosthetic infection, exposure in revision knee arthroplasty, surgical technique, using stem, offset stems, massive bone loss, retaining patellar component, severe patellar bone loss, assessing joint line position, inserts, chronic extensor mechanism deficiency, spacers, knee fusion, positive culture.

ASSESSMENT: The brief answers including current concepts and opinions of expert arthroplasty surgeons to carefully chosen questions related to the problems faced in the daily practice of knee arthroplasty forming the sections are making almost comprehensive source knowledge for total knee replacement surgery. This reference of complicated cases and controversies in knee arthroplasty by Craig J. Della Vale, MD. and his collaborators will be one of the most practical source of current solutions in the management of knee arthroplasty . Providing straightforward, brief and useful advices, in the form of pearls and pitfalls for frequently encountered problems in total knee replacement surgery makes the text a user friendly, essential reference. The casual style of articles resembling the advices in a dialog of colleagues on a curbside consult makes the text easier to read and understand. Various image and diagrams enhances the knowledge in the text.

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