Symposium VII

Challenges in Revision Total Knee Arthroplasty: Exposure, Bone Defects Management and Fixation

Moderator: Adolph V. Lombardi, Jr., MD, FACS
Faculty: Michael E. Berend, MD; Steven MacDonald, MD; David G. Lewallen, MD

The task of revision total knee arthroplasty has multiple challenges. There is no doubt that surgical technique is at the forefront of success of the revision procedure. The purpose of this video symposium is to present and review surgical techniques relative to various aspects of revision total knee arthroplasty including exposure, careful removal of the components, bone deficit management, and fixation.

Objectives: Review exposure techniques which will facilitate the performance of revision total knee arthroplasty.

- Discuss what if any modifications to the postoperative physical therapy plan must be incorporated as a consequence of various surgical exposures.
- Review the current state of the art of bone deficit management.
- Review results of various techniques of bone deficit management.
- Discuss the various modalities of fixation in revision total knee arthroplasty.
- Review the success and long term clinical results of various types of fixation in revision total knee arthroplasty.

Outline:

Introduction/Exposure from Basic to Extensile–Adolph V. Lombardi, Jr., MD, FACS

Audience Response Questions, Discussion and Case Review

Safe and Effective Removal of Components–Steven MacDonald, MD

Audience Response Questions, Discussion and Case Review

Bone Deficit Management: Screws, Cement, Graft, Cones and Sleeves–David G. Lewallen, MD

Audience Response Questions, Discussion and Case Review

Fixation Options: Cementless, Hybrid, and Fully Cemented–Michael E. Berend, MD

Audience Response Questions, Discussion and Case Review

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