



Is routine patellar resurfacing in total knee arthroplasty necessary?

Total diz artroplastisinde rutin patellar protez gerekli mi?

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We avoid routine patellar resurfacing during knee replacement because of the risk of major complications that include patellar fracture, avascular necrosis, patellar tendon injury and instability.^[1,2] Advocates for routine patellar resurfacing declare increased incidence of anterior knee pain in patients with non-resurfaced patellae.^[3,4]

Secondary resurfacings for anterior knee pain was needed in 8.7% of nonresurfaced knees, and total knee arthroplasty resulted in improvement of functional outcome regardless of whether the patella was resurfaced.^[5] Equivalent clinical results for resurfaced

and non-resurfaced patellae in total knee arthroplasty were demonstrated in a 10-year randomized clinical trial.^[6] In another study, similar results was achieved with and without patellar resurfacing.^[7]

Selective patellar resurfacing would be the ideal solution if preoperative criteria could be established. However a method for accurately selecting which patients can avoid patellar resurfacing is not known.^[3] Some authors advocate selective patellar resurfacing based on patient factors such as quality of the articular cartilage and patellofemoral congruence at the time of surgery.^[4]

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