A COMPREHENSIVE REVIEW OF THE EFFICACY OF A LATERAL PARAPATELLAR APPROACH IN VALGUS KNEES

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Purpose: The purpose of this literature review is to explore the efficacy of a lateral parapatellar approach for a total knee arthroplasty in a valgus knee and if we should implement the lateral approach more in practice. A lateral approach is considered more difficult by some and it was our goal to investigate the usefulness of a lateral approach rather than the more common medial parapatellar approach.

Methods: We conducted a literature search using Michigan State University Library’s electronic data base. The search was focused to total knee arthroplasty in valgus knees and specifically articles that investigated the lateral parapatellar approach. We reviewed each article to summarize the efficacy of a lateral approach with attention to the advantages and disadvantages verse the medial parapatellar approach.

Results: The lateral parapatellar approach proved to be a suitable technique for a total knee arthroplasty in a valgus knee by a various researched outcomes.

Conclusion: When preforming a total knee arthroplasty in a valgus knee, a lateral parapatellar approach can be a safe surgical technique. The lateral parapatellar approach is argued by some to be just as efficacious if not more advantageous than the medial parapatellar approach in a valgus knee.