

# Use of primary prosthesis in knee osteoarthritis with fixed valgus deformity

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**INTRODUCTION: Objective:** To describe the effects of primary knee arthroplasty on fixed valgus deformity.

**METHODS:** Descriptive, observational and retrospective study in patients with fixed valgus deformity, who were operated due to gonarthrosis. The WOMAC Scale was used to assess pain, stiffness and functionality of the affected knee; with follow-up at 3 months, 6 months, and annually up to 5 years post-surgery

**RESULTS:** Of a total of 33 patients, male patients and right knee predominated, with an average age of 63 years. All patients showed improvement in pain and a disappearance of gait claudication at 5 years of post-operative follow-up

**DISCUSSION AND CONCLUSION:**

: Primary total knee prosthesis produces a clear improvement in the valgus deformity, producing positive results and minimal residual pain. Total knee arthroplasty continues to be the method of choice for the correction of angular deformities and pain management in patients with osteoarthritis.

