

CLINICAL CASES

FREEDOM[®]

 **KNEE**

51 Year Old Female: Revision of Total Knee due to Aseptic Loosening

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INTRODUCTION

- The Freedom Knee System is the first offering multiple sizes with the dimensional properties designed for Caucasian and Asian population
- Dynamic Sizing in that the variable is based on anatomy not a straight line variable
- Surgeons can select components and customize using size options to ensure optimal fit for all anatomy, Caucasian & any ethnic group.
- Full testing on Hi Flex for both metal backed PS and All Poly PS carried out for the FDA to prove stability and fixation
- Incorporates innovative design



PREOPERATIVE



- 51 year old female presented with unstable total knee replacement. She states that it is unstable and the knee gives out at times. She uses a brace that does give her some stability. Exam reveals significant Varus/Valgus instability.

PREOPERATIVE



- X-rays demonstrate lucency under the tibial baseplate.

TREATMENT



- Cemented Revision PCK
Size C Femoral
Component, Size 3
Stemmed Tibia, 15x100
Femoral Stem, 4x100
Tibial Stem, Size 34
Patella, Size 3-4 20mm
Progressive Constraint
Articular Surface, 5mm
distal femoral augments.

2 WEEK POSTOPERATIVE



- At 2 weeks follow up, she ambulates to office visit with an assistive device and range of motion from approximately 0-90 degree She has steady improvement in pain and reports no thigh or calf pain.

6 MONTH POSTOPERATIVE



- She returns to the office today with no assistive device. There is no instability with Varus or Valgus stressing. No instability with anterior/posterior drawer testing.

3 MONTH POSTOPERATIVE



- She can fully extend and flex to approximately 115 degrees.