



Preoperative

Preoperative Diagnosis:

Age: 39 years old

Gender: Female

Occupation: Real estate agent

Condition: OCD lesion with large loose body

History:

Past history non-contributory.

Chief Complaint:

Pain, locking and swelling. Patient has trouble walking and going up and down stairs.

Physical Examination:

No tenderness to knee with palpitation. Negative Lachman test. No instability.

Plan:

Left knee, hemi-chondroplasty of the medial femoral condyle with Arthrosurface HemiCAP resurfacing device.

Knee Patient Case Study

Series Number: 7000-102 DM

Intraoperative

General anesthesia. Arthroscopic exam of the lateral aspect of medial femoral condyle revealed a Grade IV lesion measuring approximately 15mm in the weight-bearing portion of the condyle. Opposing tibial plateau was normal. All soft tissues were intact and meniscus was normal. Lateral compartment was pristine in regards to articular cartilage and meniscus. The HemiCAP device was implanted to resurface the defect, which left the patient with a smooth, congruent surface completely encompassing the osteochondritic lesion.

Postoperative

At 3 months postoperative, patient has full range of motion. Normal gait. Level pelvis. Equal leg length. Patient is happy with her results.

Follow-up

At 24 months status post HemiCAP resurfacing procedure patient has no complaints. Full Extension. Flexion to 125°. No limitations with regard to ADL, work and sports.

WOMAC Scores	Baseline	1 yr. post-op	2 yrs. post-op
Pain (worst score 500)	285	3	13
Joint Stiffness (worst score 200)	91	1	8
Function (worst score 1700)	828	9	19
WOMAC Total	1203	13	40
% Improvement		99%	97%

