

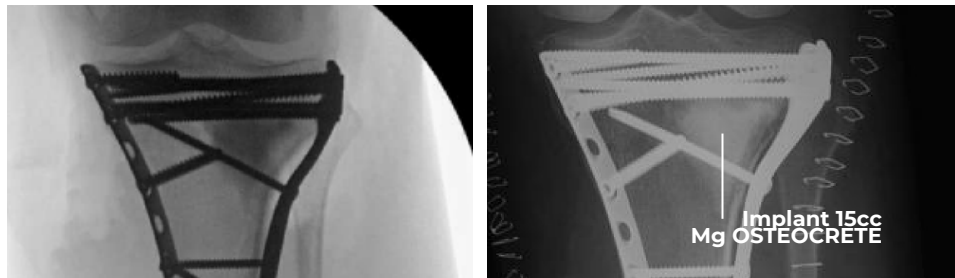
Thomas L. Hand, MD- UT Health San Antonio

54 YO F, fall from skateboard.
Left bidondylar tibial plateau fracture with significant lateral impaction.

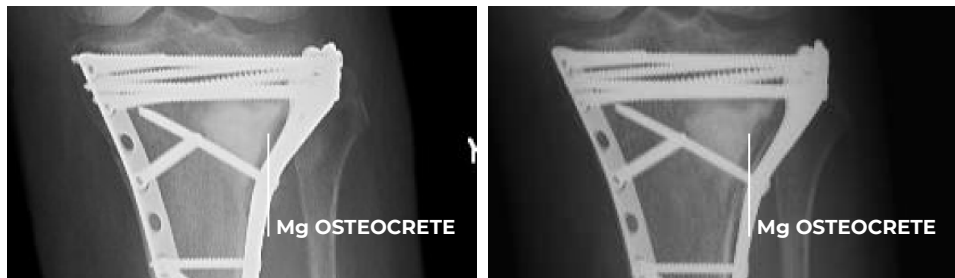


Medial and lateral surgical approach. Initial fixation of the medial condyle, followed by reconstruction and fixation of the lateral condyle to the medial plateau.

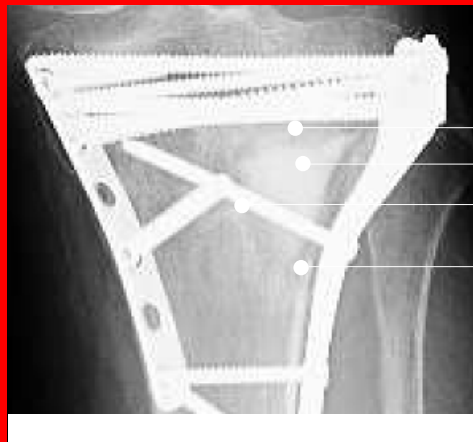
15cc **Mg OSTEOCRETE** was used to fill the lateral condyle metaphyseal bone void.



Mg OSTEOCRETE resorption visualized within 3 months as demonstrated by decreased opacity of the bone graft and increased irregularity and blurring of the peripheral margins.



Resorption After 7 Months



- Bone trabeculae formation noted around the periphery of the bone graft.
- Residual **Mg OSTEOCRETE** noted centrally.
- Decreased distinction of peripheral rim of new bone formation/graft resorption area.
- Well-healed lateral cortex.

These results are specific to this individual only. Individual results and activity levels after surgery vary and depend on many factors including age, weight, and prior activity levels. There are risks and recovery times associated with surgery, and there are certain individuals who should not undergo surgery. Mg OSTEOCRETE is not intrinsic to the stability of the bone.