



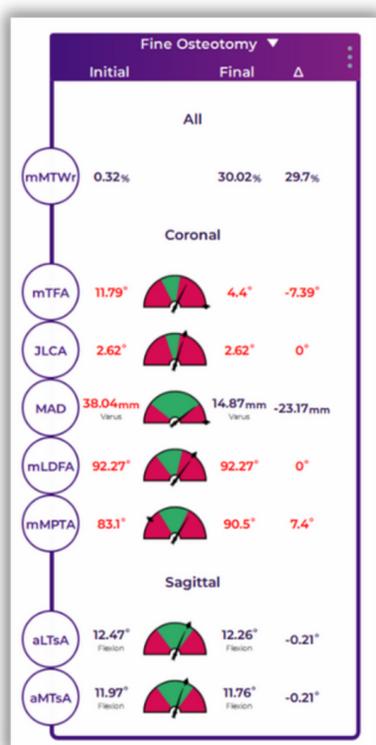
Patient Presentation

60 year old female complains of right knee pain. Long standing x-ray shows valgus alignment.

Medial Open Wedge HTO

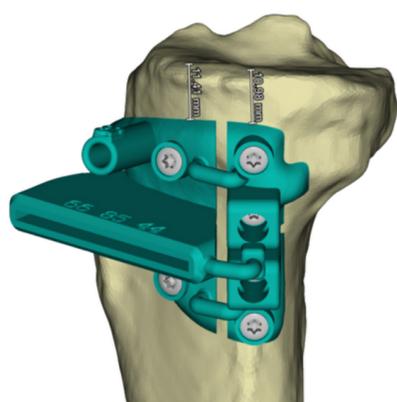
Pre-op

Initial prescription and images provided to Preplink for segmentation



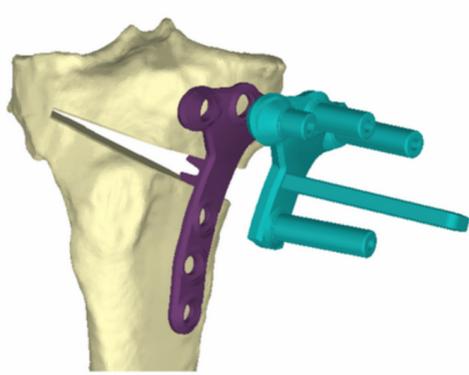
Final Plan

Surgeon will review proposed plan and work with the Preptech engineers to make changes if required



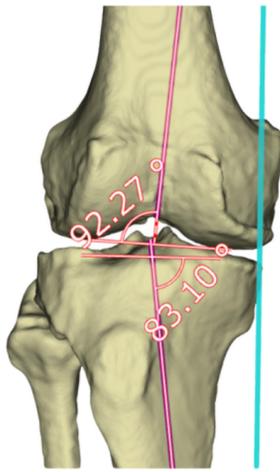
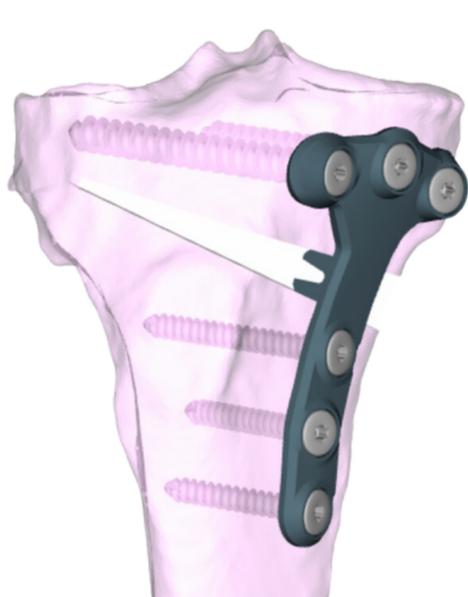
Osteotomy

The cutting guide is attached to the proximal tibia in the appropriate position, using the 3D printed custom model, and C arm along with the technique images. 2.0mm drill bits are used in the drill towers to perform the osteotomy to the hinge axis



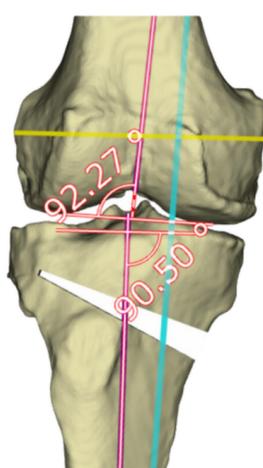
Screw Placement

Pre-determined locking and cortical screws are placed in the correct positions, according to the surgical plan



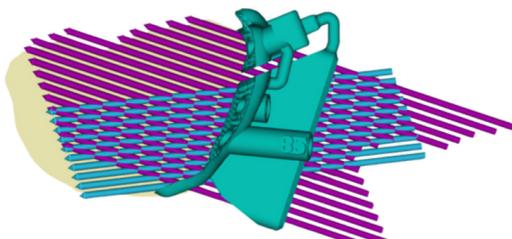
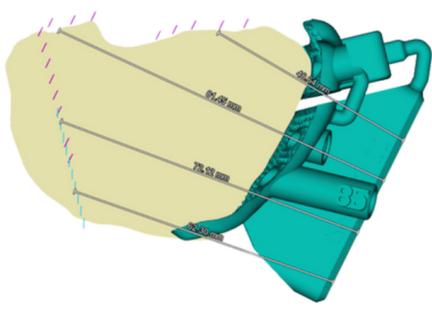
Initial Plan

Preptech engineers will create a surgical plan to address patient pathology and joint alignment issues



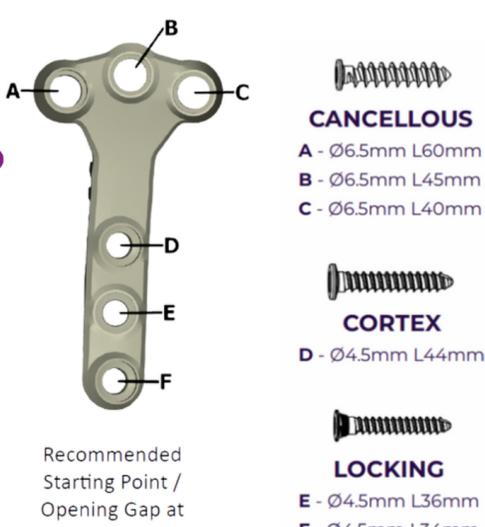
Patient Specific Kit & Technique Guide

Within 4 weeks of receiving congruent images, the kit, consisting of models, surgical guides and implants, will be delivered to the facility, along with the step-by-step technique



Over the Plate Drill Guide

After the osteotomy is opened to the planned size, the validators are used as a check, and the plate is placed in the appropriate position. The over the plate drill guide, with positive stops for the planned screw lengths, is used to drill the screw holes



Final Post-op

Fine Osteotomy Timeline

