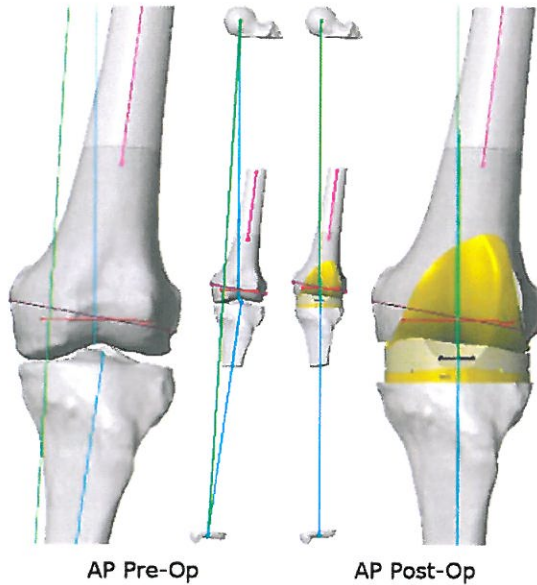


Dr. Michael Vitek

**Size 3 Left ADVANCE® Standard, Size 3 Base  
 10mm Medial Pivot Insert**



Varus-Valgus Angle  
 (measured from the femoral  
 anatomic axis)

Pre-op: 0.7° Varus

Post-op: 7.0° Valgus

Mech. axis to Anatomic axis  
 angle (In coronal plane): 7.0°

Hip-Ankle Line

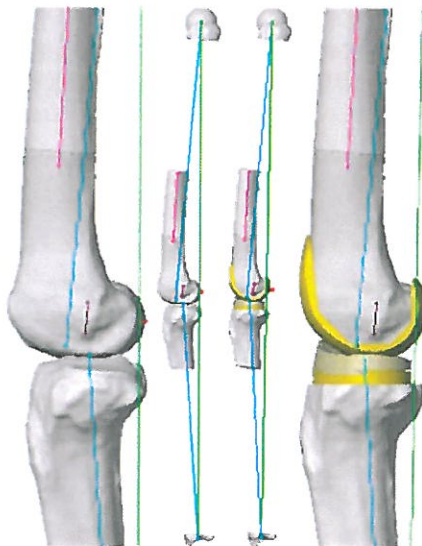
Pre-op: 747.8 mm

Post-op: 751.9 mm

- Fem. Anat. Axis
- Fem. Mech. Axis
- TEA
- Hip/Ankle Line

AP Pre-Op

AP Post-Op



Sagittal Mech Axis Angle  
 (femoral anatomic axis to  
 tibial anatomic axis)

Pre-op: 7.0° Flexion

Post-op: 6.1° Flexion

Distal Cuts

Medial: 9.0 mm

Lateral: 7.0 mm

Posterior Cuts

Medial: 10.7 mm

Lateral: 8.4 mm

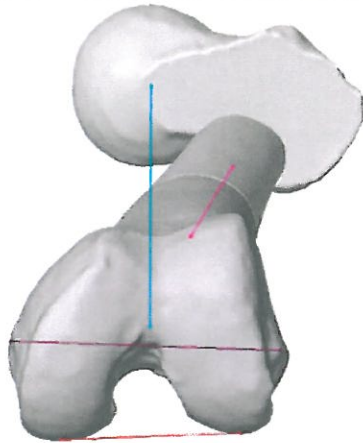
Mech. axis to Anatomic axis  
 angle (in sagittal plane): 1.9°

- Fem. Anat. Axis
- Fem. Mech. Axis
- TEA
- Hip/Ankle Line

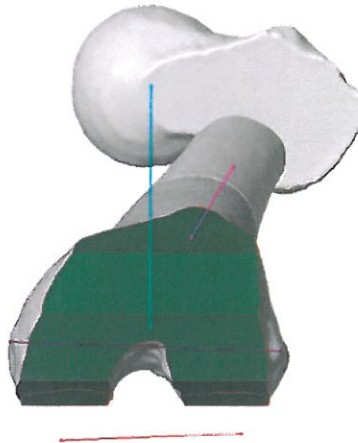
Lat. Pre-Op

Lat. Post-Op

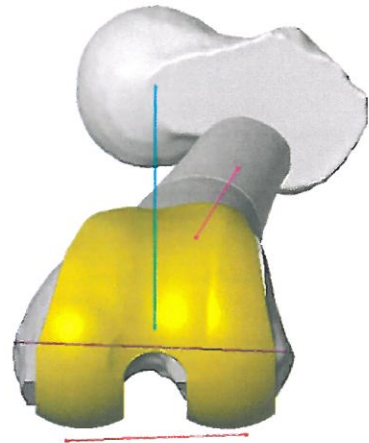
### Size 3L Standard



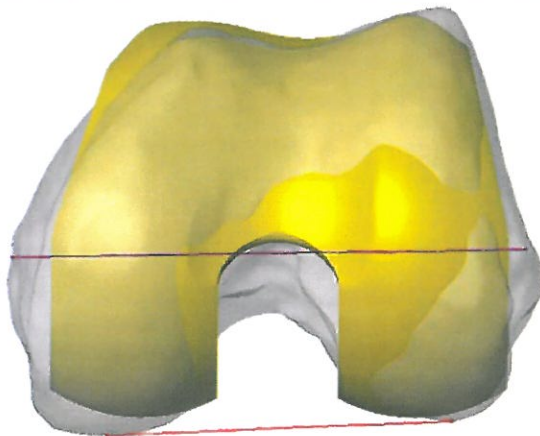
Distal femur - no cuts



Distal femur - cuts



Size 3 Standard





Medial

Lateral

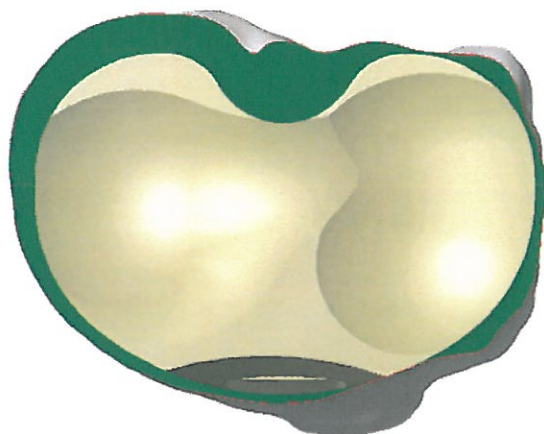
TEA is **1.6° External** from the posterior condyles

No stuffing of the patella

Similar trochlear groove profiles

	TEA
	Post. Cond. Line

## Size 3, Medial Pivot



Medial

Lateral

- Tibial Cut  $3.0^\circ$  posterior slope
- Resection side:  
2 mm from lowest side
- Insert AP orientation:  
Medial tubercle
- Medial resection: **2.0 mm**
- Lateral resection: **7.7 mm**

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### Femoral Alignment Method

- Distal cut is referenced to Mechanical Axis - 0 degree
- Femoral rotation set by the Epicondyles (lateral peak to medial sulcus)
- Distal resection level set to 9 mm
- AP component position set by Anterior flange placed to prevent notch/overhang
- Femoral component flexed  $5^\circ$  from the Mechanical axis in order to obtain optimal posterior resections
- Size 3L ADVANCE® Standard Femur

### Tibial Alignment Method

- Proximal cut  $3^\circ$  posterior slope to Mechanical axis
- Component rotation set by Medial tubercle
- Resection level 2 mm from lowest side
- ADVANCE® Tibia Base Size 3
- Size 3 Left 10 mm Medial Pivot Insert

### PROPHECY® Engineer Comments

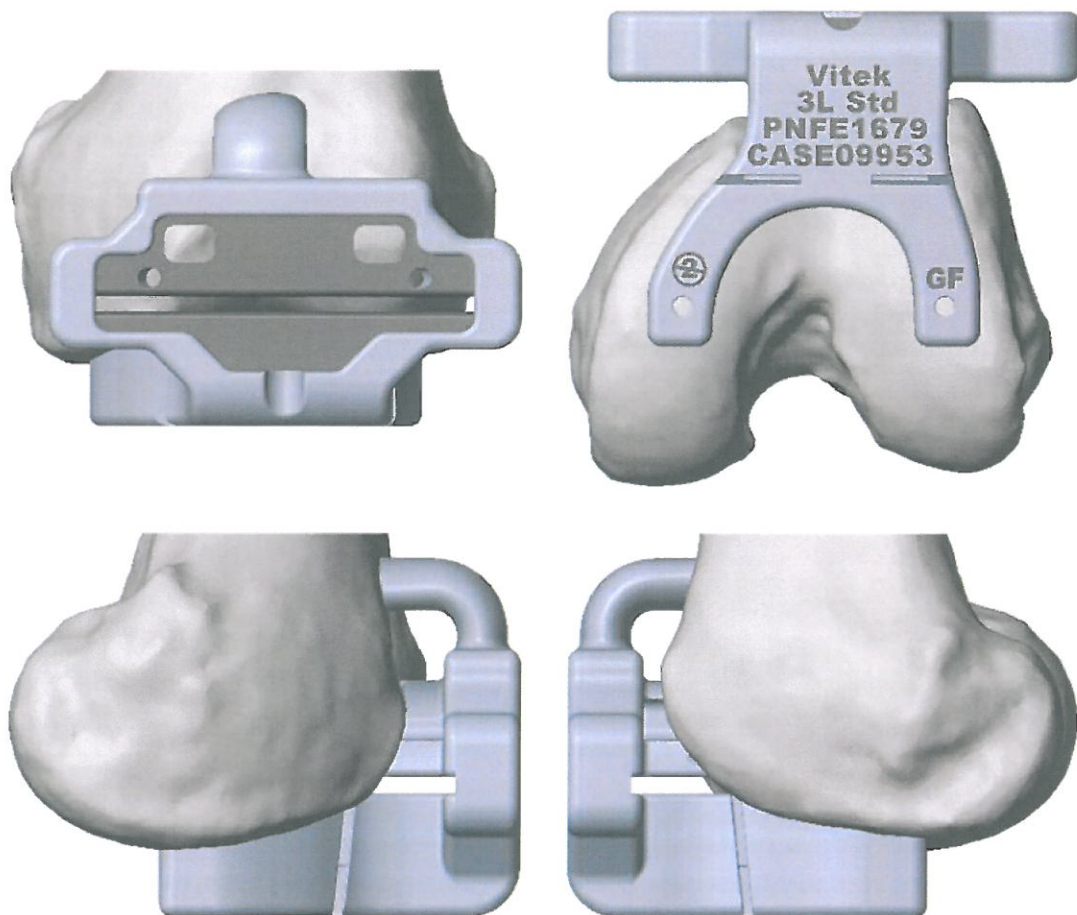
The patient's pre-operative alignment is  $0.7^\circ$  varus, therefore special attention to ligament balancing may be necessary.

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### Recommended Implants

- Femoral component: KFTCNP3L
- Tibial base: KTCCNP30
- Insert: KIMP310L
- Part Number: PNFE1679
- Order Kit: K100KT80 and K100KT3L

Femoral Guide Placement



Tibial Guide Placement

