

Stephan Vanherck

# Journey surgical technique

\*smith&nephew

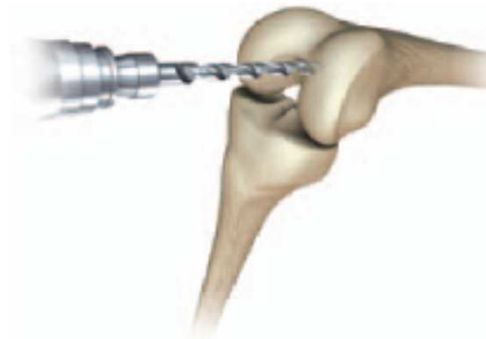
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# Intramedullary Femoral Alignment

## Intramedullary Femoral Alignment

1. Open the femoral canal with the 9.5mm Intramedullary Drill. The drill has a 12mm step to open the entry point further. If desired, use the drill to open the tibial canal at this step.



2. Use the Quick Connect T-Handle to insert the 8mm Intramedullary Rod into the femoral canal.

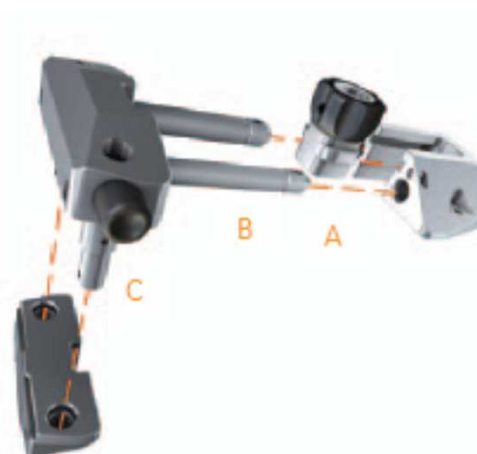


# Distal Femoral Resection

## Distal Femoral Resection

### Instrument Assembly

- A. Place the desired angle Valgus Collet (5°-9°) into the Valgus Alignment Guide (available in Left and Right). Tighten the Valgus Collet Knob in the posterior end of the slot.
- B. Slide the two long pins of the Valgus Guide Bridge into the two holes of the Valgus Alignment Guide.
- C. Press in the button on the side of the Valgus Bridge and assemble the Distal Cutting Block until flush. Release the button to lock. If desired, the Distal Block can be set to +2mm or +4mm additional resection.



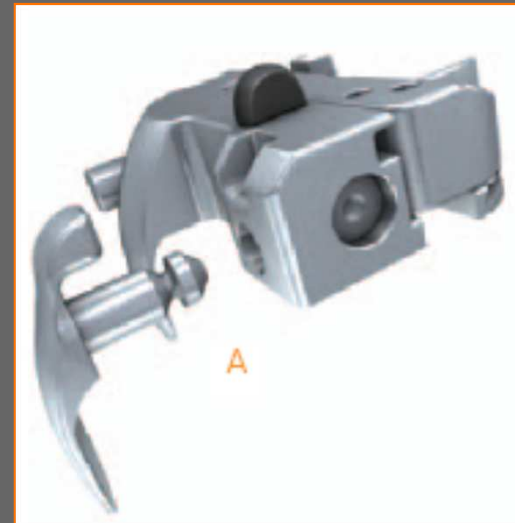
# Distal Femoral Resection



# Distal Femoral Resection



# Sizing Procedure



# Sizing Procedure





# Femoral Preparation



# Femoral Preparation



# Tibial Preparation

## Tibial Preparation

### Extramedullary Tibial Alignment

#### Instrument Assembly

- A. Depress the distal lock knob and insert the Ankle Clamp through the chamfered hole at the distal end of the Extramedullary Tibial Alignment Guide.
- B. Depress the proximal lock knob and insert the selected Up Rod (also available in Distal and Proximal Fixation) into the proximal end of the Extramedullary Tibial Alignment Guide.
- C. Slide the Tibial Cutting Block over the selected D-shaped shaft of the selected Up Rod, and lock the set screw.
- D. The lock knobs can be threaded tight to provide additional stability to the Ankle Clamp and the Tibial Alignment Guide assembly.



# Tibial Preparation

## Option 1 – Extramedullary Tibial Distal Fixation Up Rod (available in Left and Right)

Rotate the Distal Fixation Up Rod to the medial one-third of the tibial tubercle. Secure the up rod to the most distal aspect of the incision using a Trochar Pin.

Adjust the resection level on the Extramedullary Tibial Stylus to the desired level. Insert the Extramedullary Tibial Stylus into the Tibial Cutting Block.



# Tibial Preparation



# Tibial Preparation



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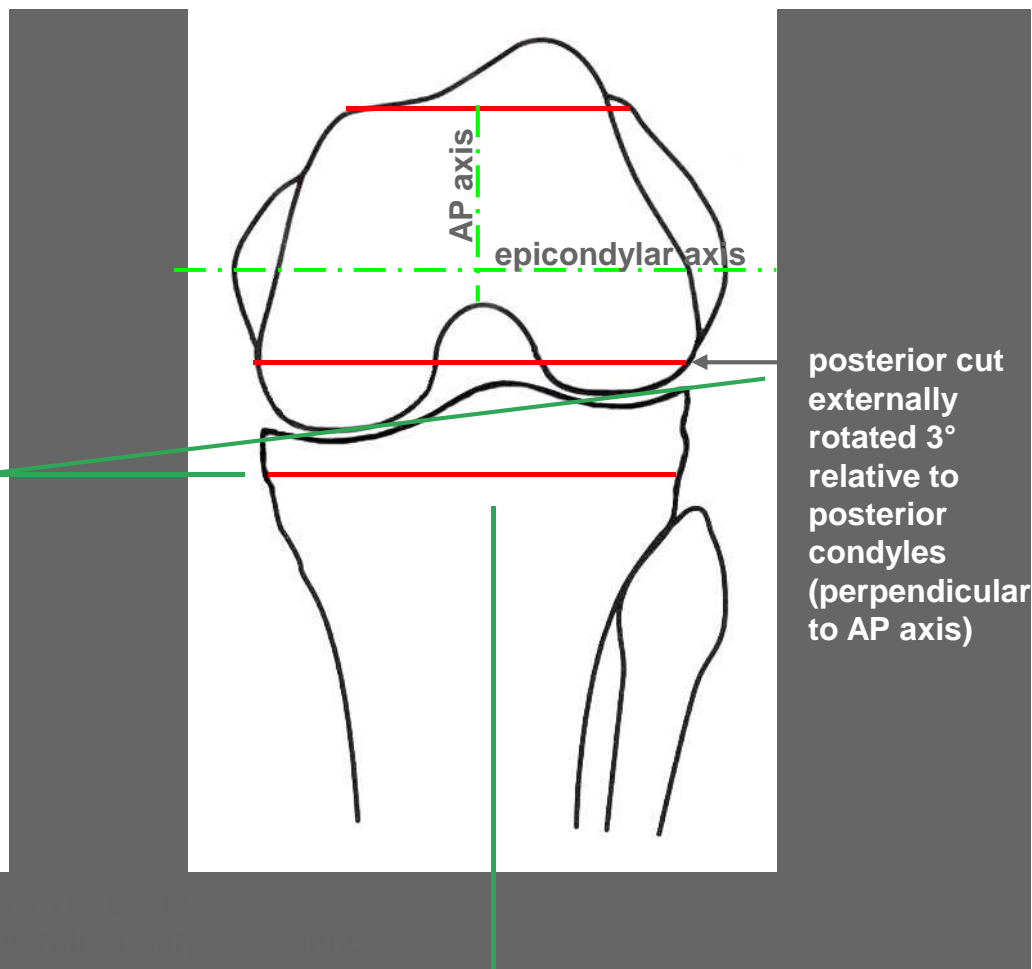
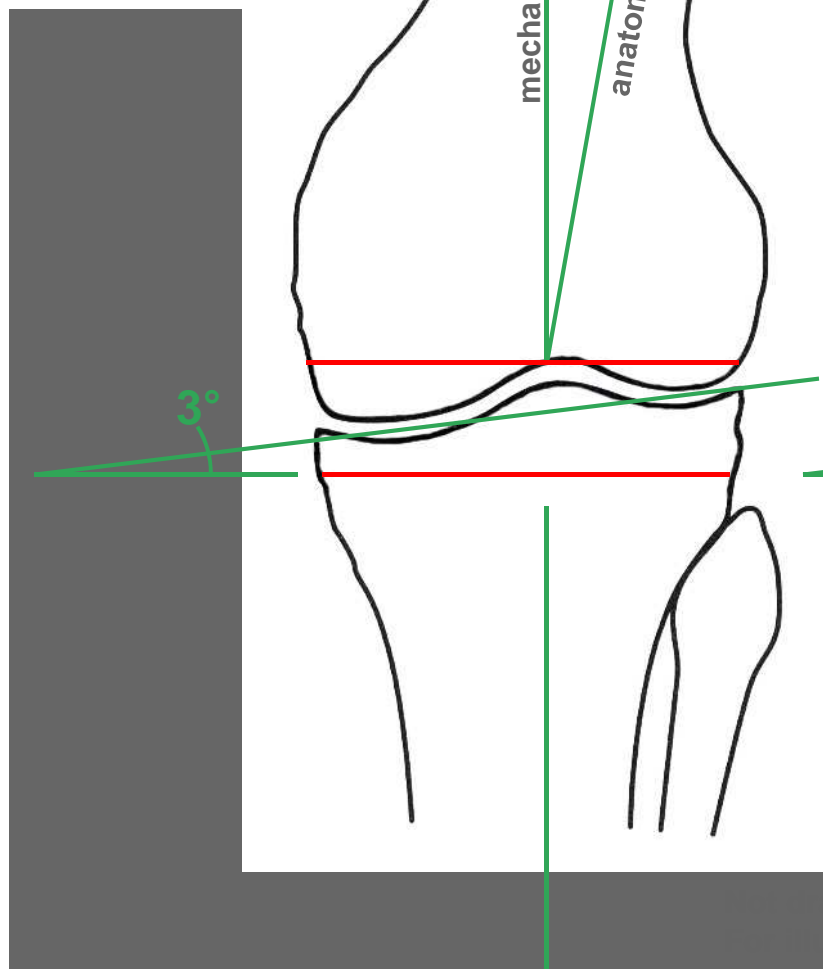
## 3° Externally Rotated Cuts

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Rectangular Extension Gap  
Rectangular Flexion Gap

150  
years  
Innovation.  
For generations.

— bone cuts



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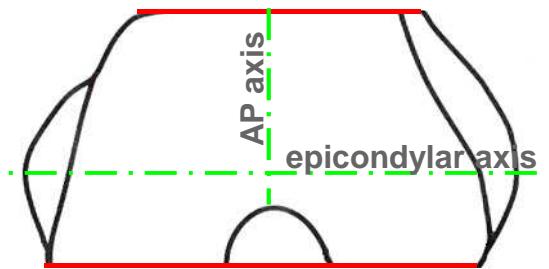
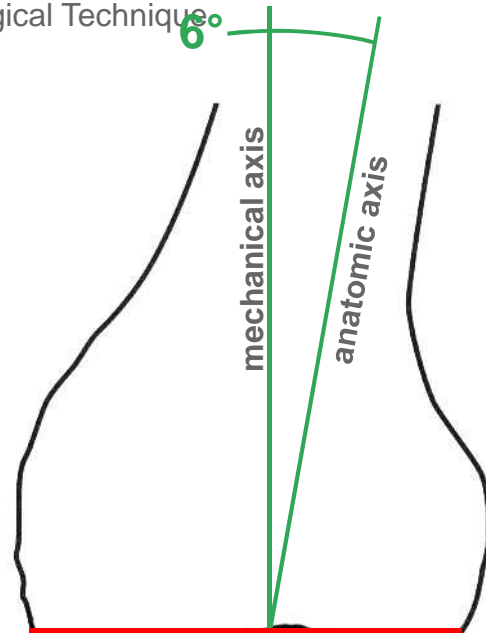
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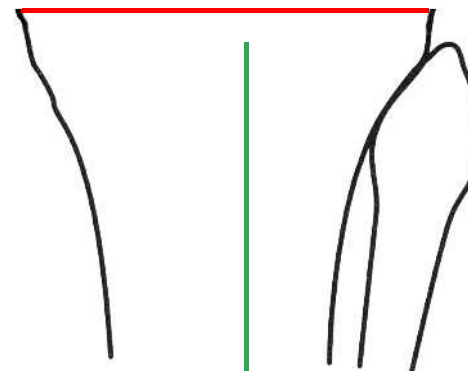
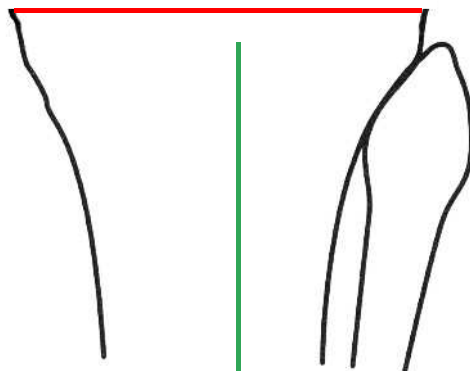
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3°

rectangular extension gap

rectangular flexion gap





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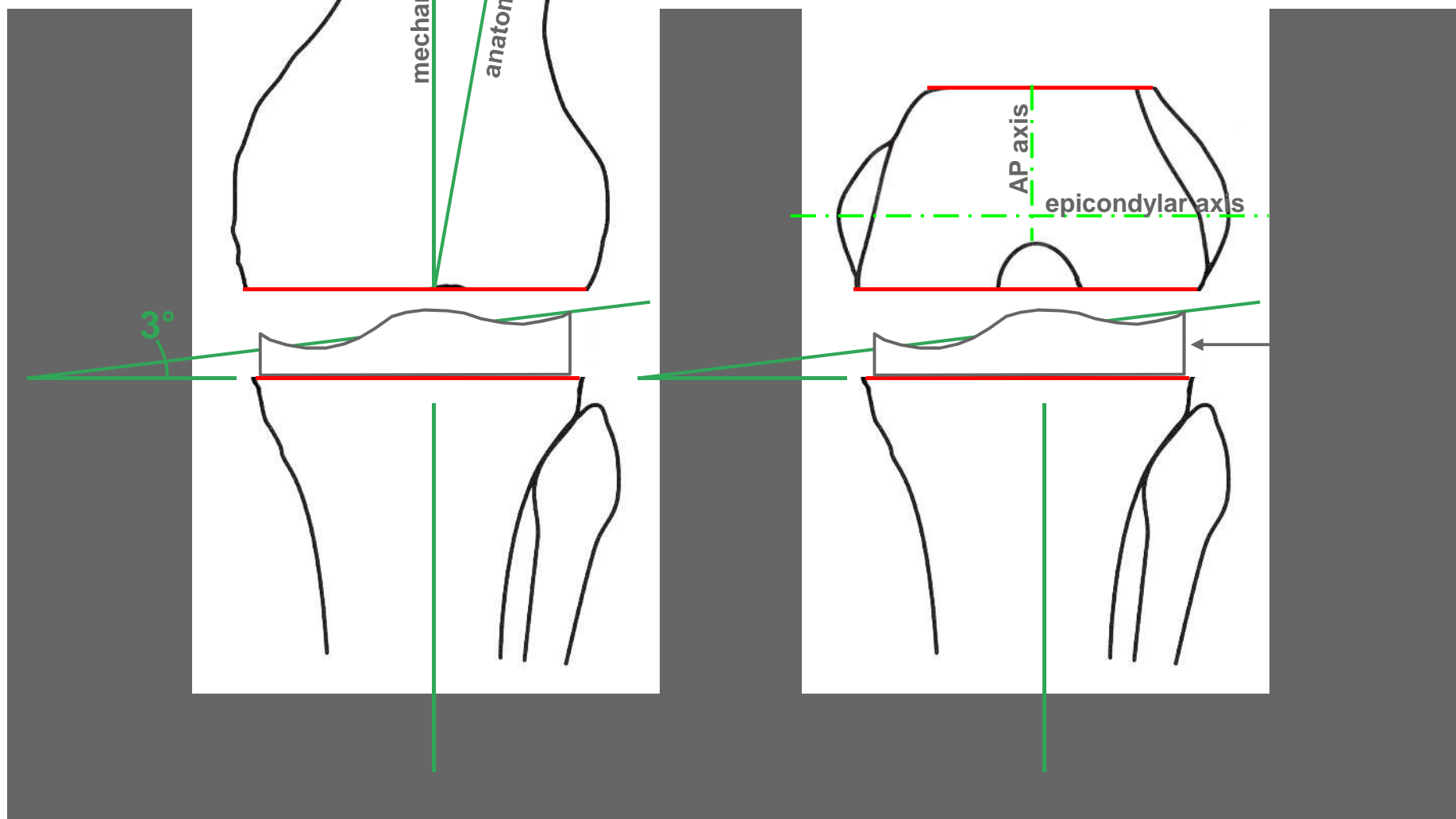
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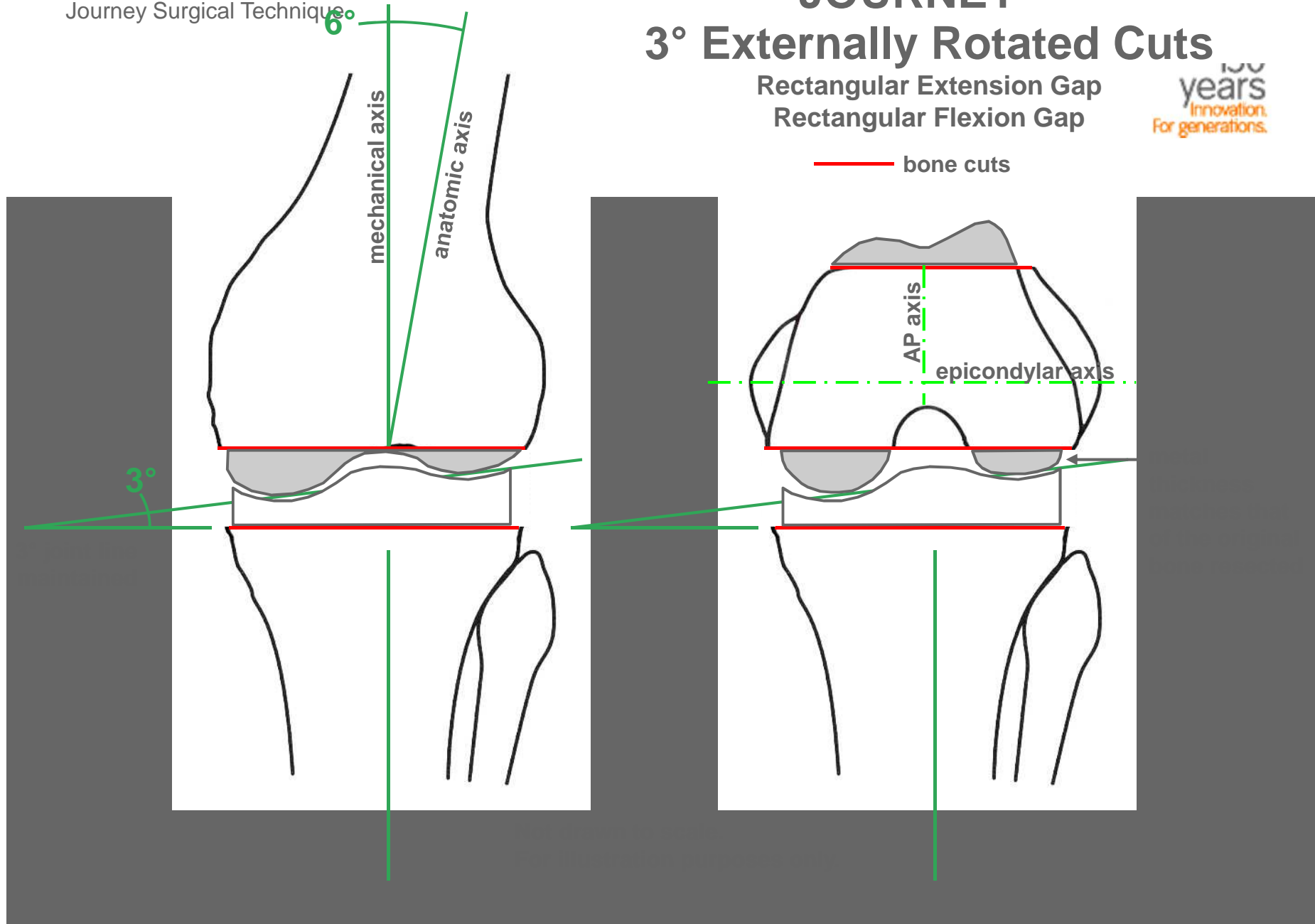
# JOURNEY™

## 3° Externally Rotated Cuts

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Rectangular Flexion Gap

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# Flexion/Extension Balance Assessment



# BCS Box Preparation



# BCS Box Preparation



# Femoral and Tibial Trailing



# Femoral and Tibial Trailing



# Femoral and Tibial Trailing





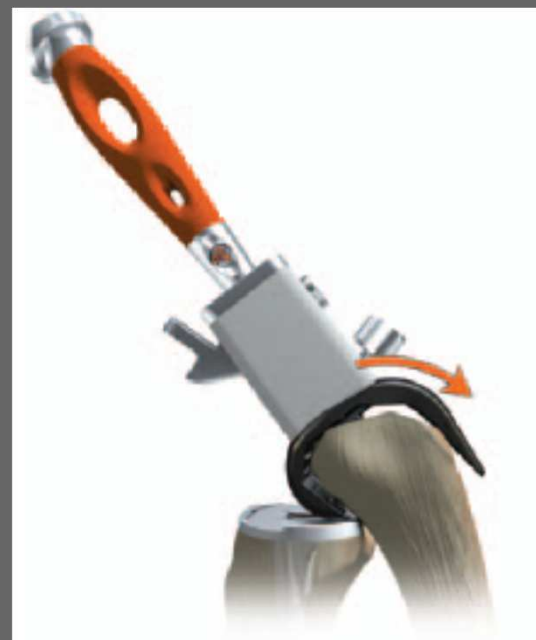
# Patella Preparation



# Patella Preparation



# Final Implantation



# Final Implantation



# Final Implantation



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