Lantern®

FEMUR

1. Secure Microblock and sensors

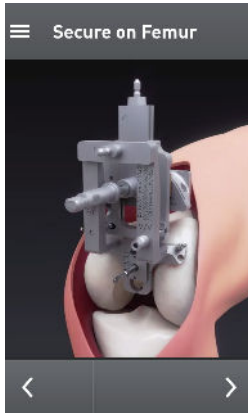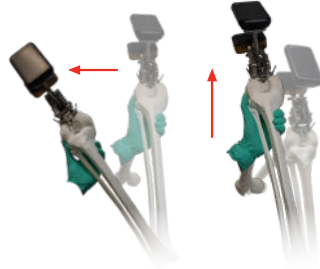**Secure on Femur**

- Secure Microblock on femur as shown on screen
- Drill headless 3.2mm pin in center of distal femur and secure with oblique 3.2mm headed pins
- Attach Reference Sensor and Lantern Unit
- Input A/P offset from Microblock slider scale

2. Register and perform maneuver

- Position leg in about 90° of flexion
- Follow on-screen prompts to move knee in lateral arc while keeping heel on table
- Flex and extend the hip in the sagittal plane and return knee to starting position

3. Set resection plane

Set Resection Plane Ⓛ

| 3.0° | 0.0° |
| Flex | Varus |

Register

- Set desired varus/valgus and flexion/extension angles by using Ball Driver to adjust Microblock navigation screws
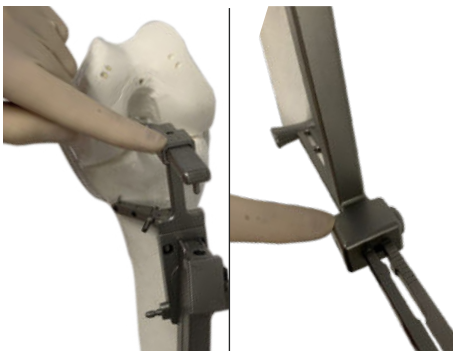
4. Set resection depth

Set Resection Depth Ⓛ
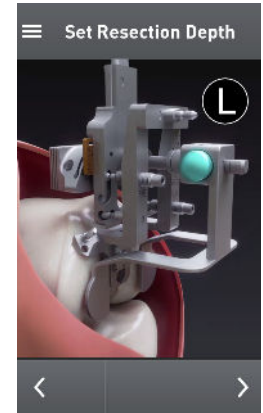
- Attach Distal Guide as shown on screen, identify resection depth along guide rod
- Unlock gold latch on Microblock
- Pin cutting block to anterior femur using headless pins and remove Microblock assembly

TIBIA

1. Secure Tibial Jig and sensors

- Align (L or R) etched line with the medial 1/3 of tubercle and position tip of Midline Probe just posterior to insertion of ACL
- Read value on Midline Probe and match to the Malleolar Probe by pushing button on distal end of Ankle Tube

2. Registrations and set resection plane

Set Resection Plane Ⓛ

| 0.0° | 3.0° |
| Varus | Post. slope |

Register

- Set Tibial Jig to desired resection angles by maneuvering arm and pushing button on proximal end of Ankle Tube
- Once desired values are displayed, lock appropriate levers

3. Set resection depth

- Depress lever on Tibial Jig and place cutting block's post in proximal end of Tibial Jig
- Set stylus to desired depth and insert into slot of Tibial Cutting Block
- Push release plate of Tibial Jig to adjust height and pin into place

SOFT–TISSUE BALANCING
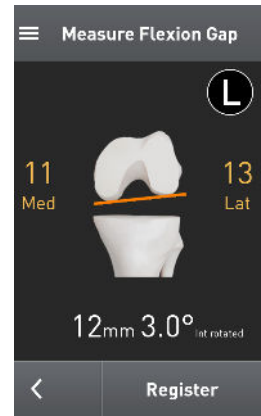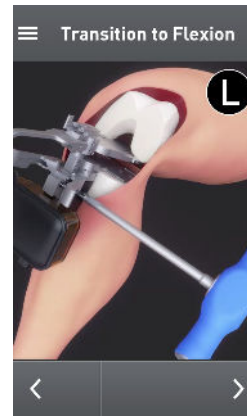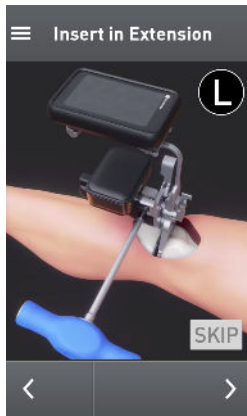

1. Measure extension
- Insert in extension and center mediolaterally
- Insert selected torque driver into tensor assembly and rotate clockwise until an audible click is heard and push the register button

2. Finish extension
- Insert torque driver into tensor assembly, depress both levers, and rotate torque driver counterclockwise until the paddles are flush together

3. Measure flexion
- Place knee in 90 degrees of flexion
- Insert tensor assembly into flexion gap and center mediolaterally
- Insert selected torque driver into tensor assembly and rotate clockwise until an audible click is heard.
- Press register button to capture information displayed on screen
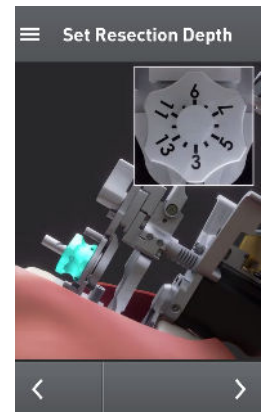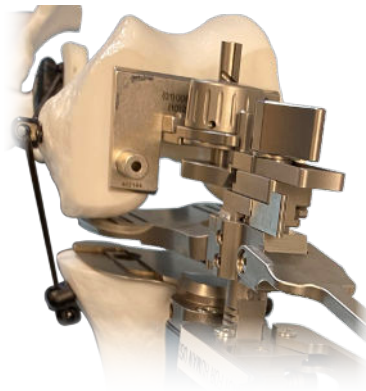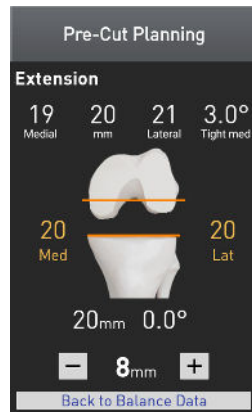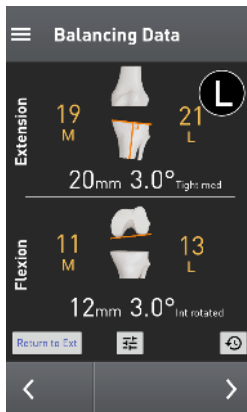
4. Evaluate balance data on screen
- Determine posterior resections needed
- Pre-Cut Planning displays resulting flexion gap
- Assemble Drill Guide onto top of Femoral Paddle and lock into place
- Attach appropriate Drill Plate to tip of Drill Guide

5. Set resection depth
- Rotate top of dial on Drill Guide until arrow points to desired setting
- Ensure Drill Plate is flush against distal femur and insert two headless pins into distal femur

6. Finish flexion
- Insert torque driver into tensor assembly, depress both levers, and rotate torque driver counterclockwise until the paddles are flush together

After navigation
- Remove battery from Reference Sensor
- Power Lantern off and dispose of per local regulations

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Prescription Only (Rx): Federal Law restricts this device to sale by or on the order of a physcian.

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