Knee Hinge Preparations:
The template is designed to be used with 150, 175, 180 mm (TrueLok™ only); 190 mm (Sheffield only) diameter rings. Remove the template, the ring support and the 5-hole plate with locking screws and washers. Before applying the Knee Hinge to the ring, ensure that locking screw A is loosened (free hinge movement).

**Template Positioning**
- Once the tibia has been stabilized with K-wires and/or screws, identify the reference axis of the knee and insert a K-wire. Apply the Knee Hinge over this wire, making sure that locking screw A and B are loosened. According to the limb to be treated, the LEFT or RIGHT writing should face the surgeon.

**Knee Hinge Positioning**
- TrueLok™ Ring: align the template marking corresponding to the ring diameter used with the ring Medial Line.
- Sheffield Ring: when locking the template, use the 5th hole of a 150 mm diam. ring or the 4th hole of a 175 or 190 mm diam. ring.

**Tibial Stabilisation**
- For tibial stabilisation, please refer to Manual 12B for Sheffield or TL-1001-OPT for TrueLok™ Ring Fixation System.

**Femoral Screws Insertion**
- Insert the rail and with a straight clamp. Insert 2 wire guides and K-wires. Check flexion-extension of the knee in both planes under image intensification. Insert the femoral screws.
**HINTS FOR BEST PRACTICE**

**KNEE DISLOCATION**

1. **Reference axis**
   - Insert a K-wire in the reference axis.

2. **Knee Hinge attachment**
   - Apply the Knee Hinge over this wire, making sure that locking screw A and B are loosened. According to the limb to be treated, the LEFT or RIGHT writing should face the surgeon.

3. **Bone Screw insertion**
   - Insert the rail with a straight clamp. Insert 2 wire guides and K-wires. Attach a Sheffield Clamp to the ring on the medial aspect of the tibia and insert 2 wire guides and k-wires. Remove the reference wire. Check flexion-extension of the knee in both planes under image intensification. Insert the bone screws.

4. **Knee Joint Distraction**
   - Distraction of the knee joint is possible by turning the distraction knob.

5. **Use of the CD unit**
   - The range of motion of the knee can be increased by using the compression-distraction unit.

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