The eMP™ Knee System addresses the limitations of traditional designs and today’s patient needs by delivering superior flexion stability, anatomic motion, and wear-limiting design characteristics through three primary knee options. The three options offered are: Cruciate-Substituting (CS), Cruciate-Retaining (CR), and Posterior Stabilized (PS). All three incorporate the medial-pivot concept through spherical femoral condyles while matching the highly conforming medial “socket” and the 15° lateral arcuate path.

Two femoral options

Three medial-pivoting insert options.

All options connect to a single anatomic tibial base.
Cruciate-Substituting (CS) Knee

**Femoral Component:**
- **Constant Radius** from -45° to 100° medially and 0° to 100° laterally which delivers constant contact area in flexion and extension.
- **Thick Posterior Condyles** allows for greater contact area in deep flexion.
- **3.6° Anatomic Flare** optimizes patellar tracking.

**Polyethylene Insert:**
- **3° Posterior Slope** on the lateral side potentially allows for deeper flexion.
- **15° Lateral Arcuate Path** provides rotational freedom.
- **Patellar Tendon Relief** through a reduced profile of the anterior portion of the tibial insert.

**Tibial Component:**
- **Asymmetric Base** allows a more anatomic design for better bone coverage.
- **1-Up, 1-Down Sizing** improves bone coverage and fit.
- **8° Angled Locking Mechanism** aids in less-invasive procedure.
- **Dual Dovetail Locking Mechanism** reduces micromotion.
- **3° Posterior Slope** built into the stem and keel to ensure proper orientation down the cortex of the tibia.
Cruciate-Retaining (CR) Knee

**Femoral Component:**
- Constant Radius from -45° to 100° medially and 0° to 100° laterally which delivers constant contact area in flexion and extension.
- Thick Posterior Condyles allows for greater contact area in deep flexion.
- 3.6° Anatomic Flare optimizes patellar tracking.

**Polyethylene Insert:**
- 3° Posterior Slope on the lateral side potentially allows for deeper flexion.
- 15° Lateral Arcuate Path provides rotational freedom.
- Patellar Tendon Relief through a reduced profile of the anterior portion of the tibial insert.
- PCL Flexion Path keeps the retained ligament from impinging.

**Tibial Component:**
- Asymmetric Base allows a more anatomic design for better bone coverage.
- 1-Up, 1-Down Sizing improves bone coverage and fit.
- 8° Angled Locking Mechanism aids in less-invasive procedure.
- Dual Dovetail Locking Mechanism reduces micromotion.
- 3° Posterior Slope built into the stem and keel to ensure proper orientation down the cortex of the tibia.
Posterior Stabilized (PS) Knee

Femoral Component:
- **Constant Radius** from -45° to 100° medially and 0° to 100° laterally which delivers constant contact area in flexion and extension.
- **Anterior Cam** permits up to 10° of component hyperextension.
- **3.6° Anatomic Flare** optimizes patellar tracking.

Polyethylene Insert:
- **3° Posterior Slope** on the lateral side potentially allows for deeper flexion.
- **15° Lateral Arcuate Path** provides rotational freedom.
- **Patellar Tendon Relief** through a reduced profile of the anterior portion of the tibial insert.

Tibial Component:
- **Asymmetric Base** allows a more anatomic design for better bone coverage.
- **1-Up, 1-Down Sizing** improves bone coverage and fit.
- **8° Angled Locking Mechanism** aids in less-invasive procedure.
- **Dual Dovetail Locking Mechanism** reduces micromotion.
- **3° Posterior Slope** built into the stem and keel to ensure proper orientation down the cortex of the tibia.