Instrumentation Options

With the introduction of Microplasty and Premier instrumentation platforms and advancements such as our patented Slidex Technology, the Vanguard Complete Knee System is the surgeon’s ally in exceeding the demands of today’s joint replacement patient.
**Patella Femoral Replacement**

**Vanguard Series A Patella**

- Deep trochlear groove to reduce patella forces
- Swept back trochlear groove for increased mid flexion stability
- 4 anatomical femoral sizes
- Narrow frontal profile to decrease the risk of overhang especially in narrow femurs
- Consistent peg location for easy up/down sizing
- 1 peg Interlok fixation to allow easy conversion to TKA
- Narrow frontal profile to decrease the risk of overhang especially in narrow femurs

**ArCom Direct Compression Moulded Polyethylene for Superior Wear Properties**

- A true domed patella; a more forgiving design to rotational stresses and malalignment
- Choice of 1 peg and 3 peg fixation options
- 2 thickness options

**Cruciate Retaining**

- 3° posterior slope
- 15° internal/external rotation
- All bearings are made from clinically proven direct compression moulded ArCom polyethylene

**Vanguard Series A Patella**
Posterior condyles accommodate up to 145° of flexion without additional bone resection.

Deeper and longer trochlear groove for increased patella support in deep flexion.

Available in both cemented and cementless fixation options.

10 femoral sizes

Deeper and longer trochlear groove for increased patella support in deep flexion.

Available in both cemented and cementless fixation options.

Primary Cruciate Retaining

Primary Posterior

Cruciate Retaining Lipped

Anterior Stabilised

Posterior Stabilised

- No posterior slope
- 5° internal/external rotation
- 1:1 articulating surface allows complete size interchangeability between femur and tibia

- Prominent 10mm anterior lip
- 6° internal/external rotation
- All bearing options grow proportionally in 4mm M/L increments

- Rounded post to minimise forces on the post, reducing wear
- 15° internal/external rotation
- Bearing thickness options grow in 2mm increments

Prominent 10mm anterior lip

- 6° internal/external rotation
- All bearing options grow proportionally in 4mm M/L increments

Rounded post to minimise forces on the post, reducing wear

Bearing thickness options grow in 2mm increments

Vanguard Monobloc System

- The Monobloc tibial bearing options grow proportionally in 4mm M/L increments
- One piece moulded tibial tray eliminates the risk of micromotion

Utilises cruciate retaining bearing with 3° posterior slope

Available in both Finned and I-Beam tibial stems

Vanguard Modular System

- The Monobloc tibial bearing options grow proportionally in 4mm M/L increments
- One piece moulded tibial tray eliminates the risk of micromotion

Utilises cruciate retaining bearing with 3° posterior slope

Available in both Finned and I-Beam tibial stems
Advanced cam and post engagement avoids contact during gait.

Broad posterior condyles grow proportionally in size providing greater support in deep flexion.

Distal femoral augments available in 5mm, 10mm, and 15mm thickness options.

Posterior femoral augments available in 5mm and 10mm thickness options.

Tibial tray available in neutral, 2.5mm and 5mm offsets.

Sided tibial augments available in 6mm, 10mm and 16mm blocks.

5° valgus stem angle.

Revision

Posterior Stabilised

Posterior Stabilised Plus

SSK PS

SSK PSC

The PS plus bearing is indicated for use in a primary situation when more stability is desired to resist rotation and varus/valgus lift-off.

- 2° internal/external rotation
- Patella tendon relief is incorporated into all tibial bearings facilitating high flexion

Enhanced post height minimises risk of dislocation

- 15° internal/external rotation

Broad, wide post maximises constraint in deep flexion

- 0.5° internal/external rotation

Distal femoral augments

- Fully interchangeable with Vanguard bearing options
- Polished surface to reduce risk of undersurface wear
- 9 tibial sizes
- Available in both Finned and I-Beam tibial stems

Vanguard Complete Knee System
References:


