Vanguard® Tibial Bearings

Vanguard® Tibial Bearings are available in AcCoM® Direct Molded Compression IC™ polyethylene and E™ Antioxidant Infused Technology. AcCoM® polyethylene is officially proven to be resistant to wear, abrasion and oxidation.®

E™ Antioxidant Infused Bearings, founded with vitamin E, a natural antioxidant, E™ technology defines a new class of tibial bearings and overcomes the limitations of renewed and annealed polyethylene by limiting true oxidative stability, high mechanical strength and ultra low wear.™

References

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For product information, including specifications, contraindications, warnings, precautions and potential adverse effects, refer to the package insert and Biomet’s website.

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Vanguard® Complete Knee System
Cruciate Retaining

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Knees • Hips • Extremities • Cement and Accessories • PMI® • Technology
Vanguard® Complete Knee System

**Cruciate Retaining**

The Vanguard® Complete Knee System provides for personalized patient care by allowing a custom-fit of the femoral, tibial and patellar components independently, thus addressing the largest possible percentage of the population.

**Vanguard® Complete Knee System Features**

- Proportional Posterior Condyles: Allows for optimal contact area in deep flexion.
- Extended Trochlear Groove: Allows the patella to maintain full contact with the femoral component in deep flexion.
- Removable Lugs: For modular augmentation.
- Softened Anterior Flange: Streamlined design to help avoid incidence of "retinacular tenting".
- Deep Trochlear Groove: Reduces patellar forces throughout range of motion.
- Optimal Tibiofemoral Articulation: Increased contact area in high flexion and axial rotation.
- Proportional Posterior Condyles: Allows for optimal contact area in deep flexion.
- Optimal Tibiofemoral Articulation: Increased contact area in high flexion and axial rotation.

**Additional Features of the Vanguard® CR Design:**

- 10 femoral components that grow anterior/posterior on average by 2.4mm increments.
- Fully interchangeable tibial/femoral elegance.
- 1:1 tibiofemoral coronal congruency.
- PPS® Porous Plasma Spray Coating for cementless or Interlok® finish for cemented applications.

**Biomet® Tibial Tray**

The Vanguard® Complete Knee System features a symmetrical tibial tray design for optimal coverage, AComm and E1™ Tibial Bearings for proven wear resistance, and a proven locking mechanism shown to be "the most stable overall." Biomet®-tibial trays are available with Interlok® finish for cemented applications or Regenerex® Porous-Titanium Construct to enhance bone fixation in cementless applications.

**Tibial Tray Design**

- Symmetrical tibial tray allows for optimal tibial coverage.
- Interchangeable Bearing Options: CR, CR Lipped and AG bearings can be utilized with the CR femur.
- Patellar Tendon Relief: Facilitates increased range of motion.
- Raised Anterior Lip: Provides enhanced femoral rotational stability and controls anterior femoral slide.

**Raised Anterior Lip**

- Provides enhanced femoral rotational stability and controls anterior femoral slide.
- Allows for optimal contact area in deep flexion.

**Additional Features**

- Removable Lugs: For modular augmentation.
- Softened Anterior Flange: Streamlined design to help avoid incidence of "retinacular tenting".
- Deep Trochlear Groove: Reduces patellar forces throughout range of motion.
- Optimal Tibiofemoral Articulation: Increased contact area in high flexion and axial rotation.

* Within 0–15° of Q-angle