Zimmer® Patient Specific Instruments for the Zimmer® Unicompartmental High Flex Knee System

Personalized Solutions. Proven Results.
**Controlled Customization**

The *Zimmer* Patient Specific Instruments Planner software is available for the *Zimmer* Unicompartmental High Flex Knee System. This next generation in surgical planning allows for pre-operative views of the patient’s knee anatomy to develop a custom and personalized surgical plan for each unique patient.

Pre-operative flexibility to set the femur rotation and tibia position.

Sagittal cut position

Easy transition for viewing Unicompartmental and Total Knee surgical plans.

Pre-operative determinations with the software include:

- Overall varus/valgus post-operative alignment based on poly thickness
- Precise femur and tibia implant position
- Estimated implant sizes
- Resection Depths
- Femoral Rotation
- Posterior Slope
**Innovative Technology**

*Zimmer* Patient Specific Instruments offer cutting-edge technology that allows for pre-operative planning to streamline the surgical technique from start to finish. The guide design includes proprietary fixation and stabilizing features to enhance accuracy in the operating room.

- **Resection Depths**
- **Femoral Rotation**
- **Posterior Slope**

*Pre-operative planning leads to precise implant placement*

- **Guide windows allow for contact visualization with the bone**
- **Anterior arm ensures correct contact and placement with the bone**
- **3 pin hole locations to eliminate guide movement while cutting**
- **Rotation pin feature sets the femoral rotation**
- **Precise placement of the sagittal cut avoids contacting the ACL**
- **Cut slot guide design ensures accurate cuts**
- **Tibia guide has built in drop rod feature to check alignment before cutting**
Zimmer Unicompartmental High Flex Knee

Utilizing Zimmer Patient Specific Instruments with the Zimmer Unicompartmental High Flex Knee provides a proven and personalized solution for your patients.

- 100% survivorship\(^1\) at 6 years
- Safely* accommodates active flexion up to 155°\(^2\)
- Designed to replicate the kinematics of the natural knee with normal axial rotation and posterior femoral rollback.

References

* Safe means that these components maintain sufficient contact area in high flexion to keep contact stress values well below the yield strength of polyethylene (data on file at Zimmer).

Note: Materialise and the Materialise logo are trademarks of Materialise NV.

© 2012 Zimmer, Inc. 97-5970-073-00