

■ ARVIS® Patient Information

Why Choose ARVIS® Augmented Reality Technology for your surgery?

- Accurate placement and alignment of hip or knee implant components are critical to a long-lasting hip or knee replacement
 - ARVIS® uses Augmented Reality technology to provide the surgeon real-time information to help meet their goals of precise and accurate implant placement
- A pre-operative CT scan or MRI may not be necessary, based on a surgeon's plan
 - If no scan or MRI is required, eliminates unnecessary exposure to radiation
- Your surgeon is in control
 - ARVIS allows your surgeon to tailor your surgery based on your unique anatomy
 - No extra personnel are required to run ARVIS. It's all controlled by the surgeon's head movements or voice commands
 - Your surgeon and ARVIS work together to help make decisions during your surgery to help provide you with improved patient outcomes.

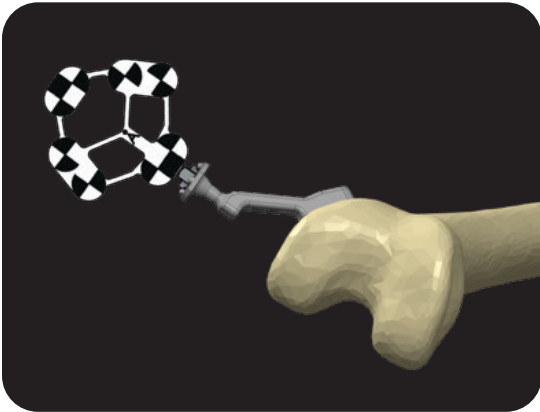
How ARVIS® Works



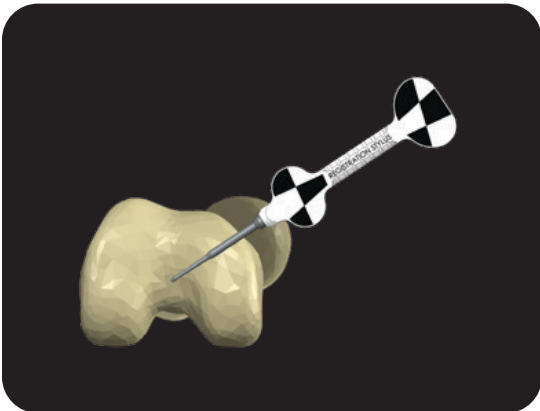
ARVIS is placed on your surgeon's head via a surgical helmet or headband before he or she begins surgery.

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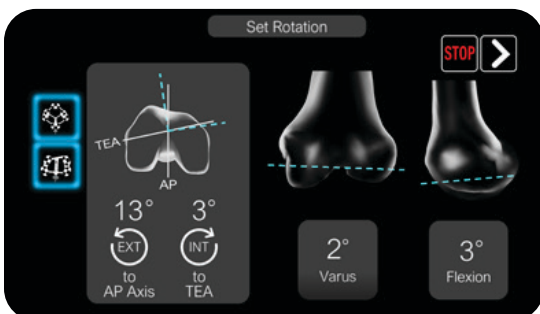
How ARVIS® Works Continued



Your surgeon will attach trackers to your knee or hip. ARVIS uses infrared cameras to locate the trackers thereby letting the computer know where your knee or hip is in space.



Your surgeon will register a series of landmarks on your bone which allows ARVIS to display positions of the instruments relative to your anatomy.



Your surgeon will see and overlay of real-time surgical guidance information on the operating room table allowing him to set his guides in the optimal positions for your unique knee or hip bones.