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Hi resolution photo of OtisKnee™ is attached

## **BAYLOR REGIONAL MEDICAL CENTER AT PLANO OFFERS CUSTOM FIT KNEE™ REPLACEMENT**

New Technology Allows Surgeons to Customize Implant Fit and Placement for Each Individual Patient

(PLANO, TEXAS Feb. 28, 2008) – As part of its ongoing commitment to provide quality care and medical advancements to residents of North Texas, Baylor Regional Medical Center at Plano is now offering the OtisKnee™, a custom fit total knee replacement.

Using the new technology, orthopaedic surgeons can precisely match the fit and placement of the implant to the patient's unique and normal (nonarthritic) knee anatomy. This new "custom fit" approach enables surgeons to preserve more bone and ligaments, allowing for better implant fit and alignment.

Potential patient benefits include:

- quicker and less painful recovery
- increased range of motion
- more "natural" feeling knee
- greater ease in performing normal living activities such as golfing, biking and gardening

"Patient satisfaction is much higher with the OtisKnee™, and patients tell me their knees feel more natural and normal" said Sacheen H. Mehta, M.D., orthopaedic surgeon on the Baylor Plano medical staff. "I've seen recovery times reduced significantly, with most patients walking without a walker or cane in just two weeks."

The custom fit total knee replacement with OtisKnee™ is achieved in a few steps, before and during surgery.

1. Prior to surgery, an MRI is performed to take very precise measurements of the patient's arthritic knee.
2. Proprietary computer software creates a 3D image of that knee, and then virtually corrects the deformity to return the knee to its prearthritic state.
3. A computerized 3D image of the implant to be used in the patient's surgery is then ShapeMatched™ to the anatomically correct virtual knee model. This helps determine the correct implant size and placement, based on the patient's own normal (nonarthritic) knee anatomy.
4. Using all of this information, special cutting guides are created for the surgeon to use during the procedure. These patient specific cutting guides, which are accurate to within a few millimeters, indicate to the surgeon exactly where to make bone cuts so that the knee replacement is customized for the individual patient.

"Before I had the OtisKnee™ procedure, neither of my knees had much cartilage in them," said Betty Jean Chard, Richardson Texas, who received a custom fit knee replacement on both knees in February of 2008. "But now I'm doing terrific, recovering quickly, and looking forward to getting back to my 3 ½ -mile walks."

Baylor Regional Medical Center at Plano is a 128-bed acute care hospital committed to serving North Texas residents with personalized care and advanced technology on a beautiful campus with hotel-like amenities and all private rooms. Services include treatment for advanced spine deformities at the Baylor Scoliosis Center, neurosciences, orthopaedics, medical and radiation oncology, surgical weight loss, women's services, gynecology, urology, gastroenterology, pulmonary, sleep disorders, pain management, diabetes management and more. Baylor Plano offers patients access to digital imaging and is the first hospital in north Dallas and Collin County to offer minimally invasive robotic surgery for gynecology and prostate procedures through the FDA approved *da Vinci*® S Surgical System. The hospital has won several quality awards including the Texas Health Care Quality Improvement Award of Excellence and is designated a Nurse-Friendly™ hospital by Texas Nurses Association.

As part of Baylor Health Care System, Baylor Plano offers patients access to innovative treatments and clinical trials performed through Baylor Research Institute in such areas as oncology and cardiovascular services. The Baylor Plano campus is the home of THE HEART HOSPITAL Baylor Plano, the first dedicated heart hospital in Collin County. For fiscal year 2007, Baylor Health Care System will report \$390 million\* in community benefit, which includes providing care for charity patients and patients enrolled in government programs such as Medicare and Medicaid, as well as the unreimbursed costs of medical education, research and community programs.

OtisMed Corporation is a privately held orthopedic technology company dedicated to providing new solutions for complex clinical problems in joint replacement. OtisMed's focus is on developing and commercializing highly accurate and cost effective surgical solutions that are customized to each patient. OtisMed's initial offering is the OtisKneeä, a groundbreaking new product that enables surgeons to offer custom fit total knee replacement. With OtisKnee, surgeons can for the very first time match the size and placement of the implant to the patient's unique and normal (non-diseased) knee anatomy.

Founded in 2005, the company has received funding from Kleiner Perkins Caufield & Byers. For more information, call 888-OTISMED or visit [www.otismed.com](http://www.otismed.com).

\*Represents preliminary information that will be reported to the Texas Department of State Health Services.

For a physician referral, call toll free 1-800-4-BAYLOR or log onto [www.BaylorHealth.com](http://www.BaylorHealth.com).

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