



CONCORD ORTHOPAEDICS



The Orthopaedic Institute
at CONCORD HOSPITAL

Working together as New Hampshire's first choice for orthopaedic care.

Minimally Invasive Hip Replacement

Surgeons from Concord Orthopaedics perform procedure that reduces recovery period

Orthopaedic surgeons, Drs. Jones, Fox, Wiley and Burns, from Concord Orthopaedics have been performing a minimally invasive hip replacement treatment option for eligible patients since May 2008. Using a specially designed operating table, surgeons gain improved access to a patient's hip and leg for prosthesis placement. Such access requires less cutting of tissue and muscle during surgery, thereby potentially reducing the recovery period.



According to the Agency of Healthcare Research and Quality, more than 285,000 total hip replacement surgeries are performed annually in the United States. The total joint surgical replacement team at Concord Orthopaedics have performed more than 1,600 anterior hip replacement procedures allowing many of these patients to return home one to two days following surgery. Concord Hospital affiliated surgeons currently perform the highest number of hip replacement surgeries the State.

With the hana™ Hip and Knee Arthroplasty table from Mizuho OSI, surgeons position a patient to reach the hip joint from front (anterior) of a patient's hip, rather than conventional operating tables that only allow the lateral (side) or posterior (back) options.

“With this innovative arthroplasty table, surgeons work between two of the muscles that support the hip joint,” says Dr. Jeffrey Wiley, a board-certified and Harvard Medical School fellowship-trained orthopaedic surgeon specializing in total joint replacement with Concord Orthopaedics. “This avoids trauma to the important supportive muscles of the hip joint that occurs during other surgical approaches. The specially designed table also allows surgeons to improve accuracy in prosthesis placement because X-ray imaging is more easily utilized throughout the procedure.”

Surgical eligibility is determined through discussions between a patient and their surgeon. “The goal of any hip replacement surgery is to provide patients with a long-lasting hip and that can be obtained through a number of surgical approaches,” says Dr. Gary Jones, a board-certified orthopaedic surgeon with Concord Orthopaedics.

“Studies have shown that there is less risk of dislocation following the anterior approach compared to other approaches, due to muscle preservation and improved accuracy in prosthesis placement, which in turn helps patients potentially recover faster. With this surgical approach, the immediate benefits are less muscle trauma, less post-operative limitations on range of motion and less reliance on adaptive restroom equipment or aids for daily living since there are lessened dislocation concerns.”



Appointments available
by calling **1.800.660.2672**
or visiting **concordortho.com**

A study performed at the Orthopaedic Institute by Drs. Wiley, Fox and Jones found patients have:

- Shorter hospital stays
- Decreased need for physical therapy
- Quicker return to normal activities

With unmatched clinical expertise, compassionate personalized care, first-rate facilities, and the latest technology, the Orthopaedic Institute at Concord Hospital is the optimal choice to meet your orthopaedic needs.

“The pain dragged me down. I stopped being able to enjoy life and do simple things like go places that required walking with friends and family. My entire mobility was being hindered. There is a gym where I work. I’m there three mornings working out. I’m now able to lead an active normal life. It’s been great! I can’t say enough good things about Concord Orthopaedics. They are staying on top of the newest innovations and they are committed to making their patients whole again. I refer people to them all the time.”

John S.
Concord, NH