

LCS Total Knee Replacement

By Thomas J. Haverbush, M.D.

Transforming patient information into patient understanding.

It is a fact that in most medical centers where total joint surgery is done, total knee replacements are performed seven times to each total hip replacement. Amazing, but true. It demonstrates how much more knee arthritis is out there compared with hip arthritis.

There are quite a few more women with knee arthritis than men. Also, women wait sometimes years longer than men to have surgery.

All Total Knees Are Not Created Equal

The LCS Total Knee Prosthesis is uniquely designed to work very much like your natural knee. It allows the replacement knee prosthesis to rotate in a way that closely matches the movement of your normal knee.

Why does that matter? It reduces wear by 94% in your knee replacement prosthesis over time. The LCS prosthesis is the only total knee prosthesis that rotates like your normal knee.

Educating Our Patients

I have known for a long time that most patients think of the knee like a hinge. But your normal knee does more than that. It rotates or pivots when you bend your knee. A lot! Up to 15 degrees of rotation.

How A Rotating Platform Knee Works

The LCS total knee replacement is often also referred to as a "Rotating Platform Knee". There is a polyethylene bearing component deep in the knee, which rotates as the knee bends blending the two natural movements together. In doing this, the total knee prosthesis mimics normal knee function and movement very closely.

All other total knee prostheses do not pivot or rotate at all. They bend, but they don't rotate.

LCS stands for Low Contact Stress. It's design vastly reduces the stress on the polyethylene plastic spacer between the metal parts allowing the prosthesis to last well beyond twenty years and counting. No other total knee can say that.

Low Contact Stress on the plastic polyethylene spacer equals a long and happy life for the prosthesis. One million Rotating Platform LCS total knees have been implanted around the world.

Next time I will cover some aspects of the surgery, hospital stay and recovery following total knee replacement. Please come back next week. Thanks.

All Orthopaedic Surgery problems can be evaluated by Dr. Haverbush at the Lakeview Community Wellness Center in Lakeview or at the office in Alma at 315 Warwick Dr., Alma, Michigan.

Please call 989-463-6092 for information or to schedule an appointment.

Future Lakeview Community Wellness Center Clinic dates are July 16 and July 31, 2009.

Please don't forget there is a wealth of accurate information about all the Orthopaedic conditions I treat on the office teaching website www.orthopodsurgeon.com. Please log on and check it out.

We are happy to answer questions from readers. You can e-mail me at orthopodsurgeon@hotmail.com or write to me at 315 Warwick Dr., Alma, Michigan 48801.

Our goal is simple - To help people return to more pain free functional lives.

Good health. Good life. All the best to you.

Be well.

Dr. Haverbush