

## Hip and Knee Replacements at Rush: In for the Long-Run

Article provided by Rush University Medical Center

**P**ioneering new ways to prolong the life of hip and knee implants. Discovering approaches to improve the patient experience through observation, research, and innovation. Collaborating with other healthcare professionals and applying best practices to deliver optimal outcomes.

These are just some of the reasons Rush University Medical Center is recognized as a global leader for hip and knee replacement surgery. When more than 8,000 U.S. doctors were asked by Medscape where they would send their family members for care of a complex problem, Rush ranked among the top 5 medical centers for hip replacements.

The world-renowned board-certified, fellowship-trained joint replacement surgeons at Rush have helped transform how hip and knee replacements are performed by continually asking themselves: What can we do to improve our patients' quality of life?

### Specialized joint care

Thanks to the large volumes of hip and knee replacements they perform, surgeons at Rush are well-positioned to answer this question.

"We continually apply the latest evidence-based medicine and re-evaluate our processes to do what's best for patients," says Tad DeLinger, MD, a joint replacement surgeon at Rush.

And because they focus exclusively on hip and knee care, they can zero in on ways to achieve their patients' goals and produce optimal outcomes in the following ways:

- Minimizing pain
- Promoting mobility
- Reducing hospitalization time
- Avoiding revision procedures
- Reducing surgical complications

### Setting the standard: A legacy continues

Surgeons at Rush have a long history of observing problems in the clinical setting and finding solutions through collaborations



Hip and knee replacement surgeon Tad DeLinger, MD, at Rush University Medical Center in Chicago provides world-class care including minimally-invasive and complex revision procedures.

in the lab and among other healthcare professionals. They have helped revolutionize joint replacement with many advances, including the following:

- Co-developed cementless implants
- Developed a replacement hip that employed a cementless thigh bone component
- Pioneered minimally-invasive knee and hip replacement, including performing the first minimally-invasive total knee replacement as an outpatient procedure

That legacy of continually improving delivery of care continues today, including these efforts:

- Participating in the design and evaluation of new devices, such as the RCDAPT cup – a tool designed for challenging revision surgeries that promotes fixation and stability
- Seeking biological markers, and ultimately blood or urine tests, to help identify early warning signs of failing implants
- Identifying less painful and invasive ways to detect infection and avoid unnecessary procedures
- Using advanced technology to develop models that will help implant manufacturers and surgeons prevent corrosion and other complications that lead to implant failure

- Developing new ways to support and engage patients through text messaging
- "Rush really sets the standard of hip and joint care because we are innovators in our field and rapidly integrate proven technologies and techniques in the care of joint replacement," says DeLinger.

### Giving patients a second chance

While working to avoid the need for revision surgery, joint replacement surgeons at Rush also lead the way in performing revision surgery. They treat a high volume of patients with failed hip and knee replacements – including many international patients.

### Your trusted hip and knee care partner

Rush has provided outstanding joint replacement care to patients from all over the world. Its International Health Services program provides personal assistance to patients from outside of the U.S., their families, and referring physicians before, during, and after their visit to Rush.

### MORE INFO:

To refer a patient to Rush, call Rush International Health Services at 800-817-563 24/8. Or visit [www.rush.edu/international](http://www.rush.edu/international) for more information.