

About the Rotating Platform Knee

The Rotating Platform Knee is based on a revolutionary technology, the mobile bearing knee, which DePuy Orthopaedics pioneered 30 years ago. Today, one million mobile bearing knees have been chosen by surgeons and patients around the world. The Rotating Platform Knee is the only FDA-approved mobile bearing total knee implant available in the United States.

Knee implants are available in a wide range of sizes to accommodate the individual's anatomy.

Femoral component
Height: 2.4"; Width: 2.6"
Material: Cobalt chromium alloy

Approx. Actual Size*

Rotating Platform insert
Size: Varies according to your doctor's assessment of your knee
Material: Medical grade polyethylene (hard plastic)

Tibial component
Height: 1.8"; Width: 2.8"
Material: Cobalt chromium alloy. The tibial component can be uncoated as shown, or coated with Porocoat® Porous Coating, a three-dimensional, beaded coating that allows natural tissues to grow into the implant without the use of bone cement for added strength and stability

Total weight
Approximately one pound



Porocoat® Porous Coating

* Actual size varies based on patient physiology

This information is intended only for patients in the United States.



DePuy Orthopaedics, Inc.
700 Orthopaedic Drive
Warsaw, IN 46581-0988
USA
Tel: +1 (800) 366 8143
Fax: +1 (574) 371 4865

DePuy International Ltd
St Anthony's Road
Leeds LS11 8DT
England
Tel: +44 (113) 387 7800
Fax: +44 (113) 387 7890

Rotating Platform Knee Technology

www.KneeReplacement.com

Important Safety Information

Keep in mind that the way a knee replacement will perform depends on your age, weight, activity level and other factors. There are potential risks and recovery takes time. If you have conditions that limit rehabilitation, you should not have this surgery. Only an orthopaedic surgeon can tell you if knee replacement is right for you.

About DePuy Orthopaedics, Inc.

DePuy Orthopaedics, Inc., a Johnson & Johnson company, is a driver of transformational change in orthopaedic care, with a focused commitment to help surgeons achieve excellence in surgical practice and give patients the tools they need to make informed decisions. Thousands of surgeons and patients worldwide rely upon DePuy every day. DePuy designs, manufactures and distributes orthopaedic devices and supplies including hip, knee, extremity, trauma, orthobiologics and operating room products.

To learn more about your Rotating Platform Knee and knee replacement surgery, including recovery information, visit www.KneeReplacement.com.



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Rotating Platform Knee Replacement Surgery

The following information will give you some helpful information about knee replacement and guide you through some of the reasons you may want to consider knee replacement surgery. You should speak with your surgeon if you have any specific questions.

How much does my knee rotate?

As you bend your knee, it naturally rotates

	Knee Bending ^{1,2} Angle of bending	Knee Rotation ^{1,2} Degrees of rotation
	57°	6°
	60°	8°
	162°	15°
	90°-100°	11°
	75°-80°	9°

Bend,
Rotate,
Liberate™

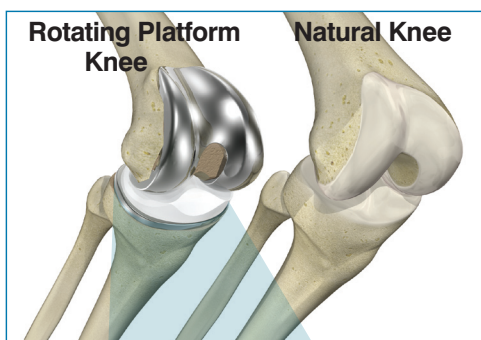


The benefits of rotation:

- Less wear on your implant
- Provides for more normal movement
- Addresses your anatomical need for rotation³

How your Rotating Platform Knee works

The Rotating Platform Knee has a mobile component that helps your knee move similar to the way it did before your knee replacement. When you bend your knee, it rotates slightly, both with and without a knee replacement. The Rotating Platform Knee accommodates for this and may help reduce how much your new knee wears over time.



Rotating Platform Insert



This is the Rotating Platform mobile component, shown in 15° of rotation. This type of rotation is what's typically needed for a deep knee bend, such as squatting or kneeling.



When your knee is bent, as shown in the photo, the Rotating Platform insert of your implant accommodates the knee's natural need to rotate, and is the only knee available in the U.S. that has been designed to accommodate for this type of knee rotation.

The benefits of the Rotating Platform Knee over traditional knee implants, known as fixed-bearing knees, are that it allows the knee to rotate in a way that more closely matches the movement of your normal knee, and more importantly, a 94% reduction in how much your implant may wear over time.⁴ In addition to reducing wear, patients followed for several years in a DePuy Orthopaedics multi-surgeon study reported a 97% satisfaction rating five years after surgery.⁵

Recovering from Rotating Platform Knee Replacement

One of the most important issues to consider when it comes to the success of your new Rotating Platform Knee is how diligent you are with your rehabilitation. Following the directions of your doctor and/or physical therapist is extremely important to how well you'll regain your mobility. Your rehabilitation will not be easy, but just keep reminding yourself of how much better you should feel in just a short while and keep yourself going!

1. Data on file at DePuy Orthopaedics, Inc., 2006.

2. Estimates of degrees of bending and rotation, based on an experienced orthopaedic surgeon's opinion.

3. American Academy of Orthopaedic Surgeons, 2006.

4. McNulty, D. et al. "The Effect of Crosslinking UHMWPE on In-Vitro Wear Rates of Fixed and Mobile Bearing Knees." ASTM STP 1445. American Society of Testing and Materials, West Conshohocken, Penn. Available online at www.astm.org, 2004.

5. DePuy Multi-Center Study: DePuy Orthopaedics, Inc. internal data, 2006.