
TRUE INNOVATION IS HERE
XPA
BICRUCIATE PRESERVING ARTHROPLASTY
BIOMET

Biomet believes in providing innovative knee replacement solutions for orthopedic surgeons and the patients they treat. The option of preserving a healthy anterior cruciate ligament (ACL) and posterior cruciate ligament (PCL) in both partial and total knee arthroplasty represents Biomet's commitment to expanding the continuum of care.

By introducing **XPA** (Bicruciate Preserving Arthroplasty), Biomet provides orthopedic surgeons with two ligament preserving knee implants: the Oxford Partial Knee and the Vanguard XP Total Knee System.

CRAFTED FOR PERFORMANCE

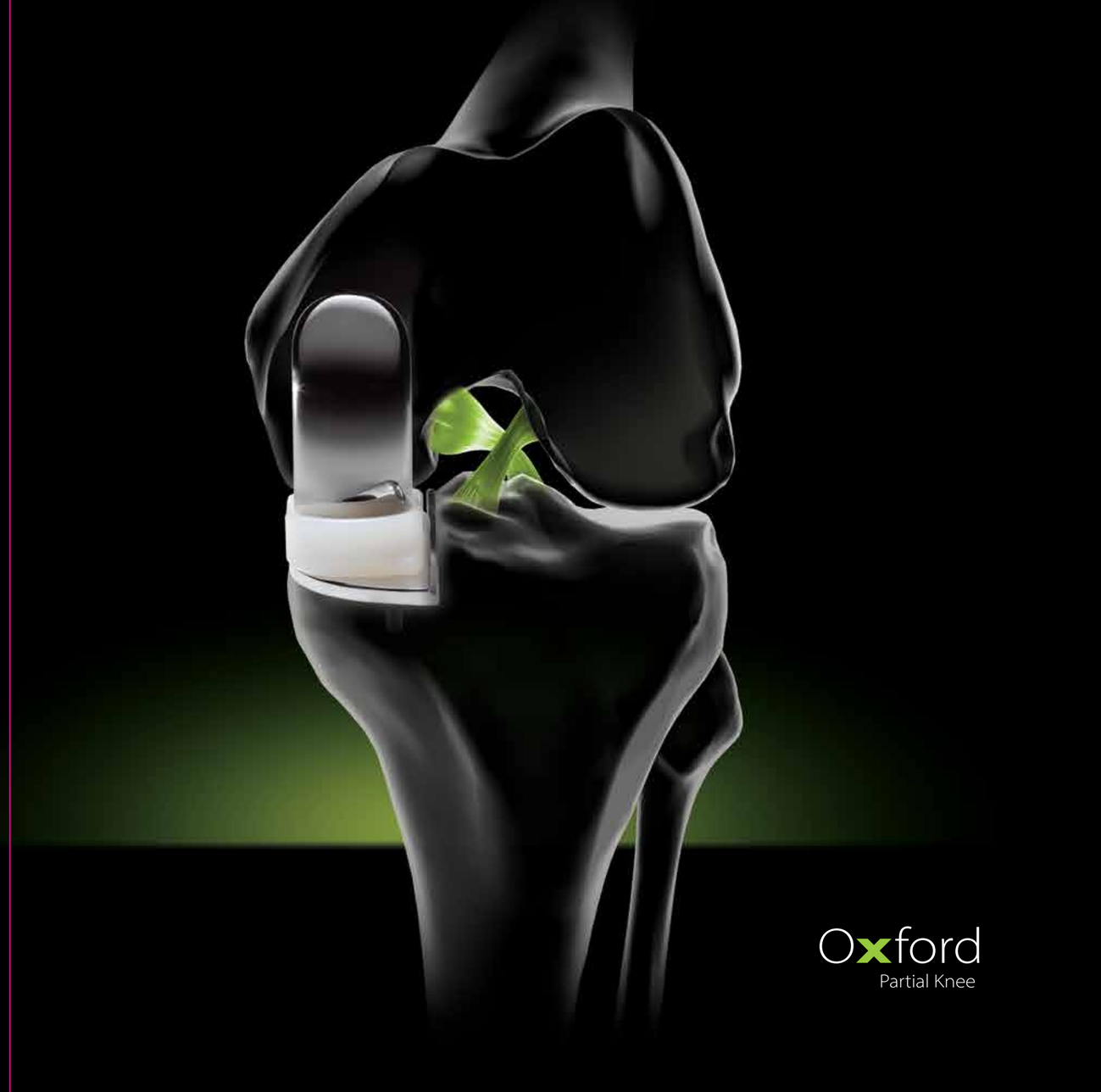
A Definitive Implant

With over 35 years clinical experience, the Oxford Partial Knee is the most widely used[1] and proven partial knee system in the world.

- Oxford PKR patients have also been 1.8 times more likely to report that their knee felt normal and 2.7 times more likely to be satisfied with their ability to perform activities of daily living[2]
- A multi-center study demonstrated decreased morbidity and complications of PKA compared to TKA[3]*
- Better functionality[4] and more natural motion[5] compared to TKA
- Proven,[6] safe and reproducible technique[1]
- Best-in-class continuous education program

The Oxford Partial Knee's ligament preserving design embodies Biomet's belief in knee function driven by ligaments and soft tissues.

- The conforming, spherical design of the femoral component minimizes contact stress throughout entire range of motion[1]
- The femoral component of the Oxford Partial Knee has a curved inner geometry for minimal bone removal[1]
- The Oxford Partial Knee has a unique mobile meniscal bearing which is designed to remain fully congruent with femoral component throughout entire range of motion[7]
- Because of its congruent, forgiving design, the Oxford Partial Knee has demonstrated ultra low polyethylene wear in multiple retrieval studies[8-11]
- The Oxford Partial Knee's tibial component is an anatomically shaped tibial component designed for optimal bone coverage



Oxford
Partial Knee

ATTENTION TO DETAIL

The essence of Biomet's design focus

The Vanguard XP Total Knee System is the industry's latest bicruciate preserving total knee system, representing Biomet's commitment to providing surgeons with innovations that enhance the continuum of care.

- The asymmetric Vanguard XP Knee femoral component supports physiologic motion
- The medial and lateral bearings are designed independently, allowing ACL/PCL interaction to drive knee motion
- The Vanguard XP Knee utilizes E1 Antioxidant Infused Bearing Technology – a technology that has been shown to prevent oxidative degradation of the polyethylene[12]
- The Vanguard XP Total Knee's tibial tray is a U-shaped design, now giving TKA surgeons the option of preserving healthy anterior and posterior cruciate ligaments
- Built with forged cobalt chrome and reinforced with Biomet's locking mechanism,* the Vanguard XP Knee's U-shaped tibial tray is designed for strength

As part of the Vanguard Knee System, the Vanguard XP Knee's versatile design allows for intraoperative flexibility, giving the option to:

- Utilize the U-shaped tray for an ACL/PCL preserving total knee
- Utilize an XP cruciate retaining tibial tray for an intact, functioning PCL total knee
- Utilize anterior stabilized bearings for an intact, partially functioning PCL

Vanguard XP
Total Knee System

References

1. Data on file
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5. Cobb, J, *et al*. Functional Assessment of knee arthroplasty using an instrumented treadmill. Imperial College of London. March 8, 2012. Presentation.
6. Price AJ, Svard U.: A second decade lifetable survival analysis of the Oxford unicompartmental knee arthroplasty. Clin Orthop Relat Res. 2011 Jan;469(1): 174-9.
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8. Kendrick B.J.L *et al*. Polyethylene wear in Oxford unicompartmental knee replacement. JBJS: 92(3): 367-373, 2010.
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12. www.Biomet.com/e1

* Vanguard XP Knee Testing Data on File

For product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert and Biomet's website.

Not for distribution in France.

BIOMET

One Surgeon. One Patient.

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