



Uniglide<sup>®</sup>

Unicompartamental Knee Replacement  
Product overview

Corin

## History | Technology | Versatility

Uniglide is a clinically proven highly congruent, triple radius unicompartamental knee system, offering the surgeon complete flexibility through advanced instrumentation and diverse implant choice.

With over 10 years' successful clinical use of advanced coating technologies, titanium nitride (TiN) ceramic and cementless BONIT®, Uniglide offers the surgeon and patient a low wear solution with early, rapid and long-term fixation.





The unicompartmental knee  
replacement for any surgical need

## History

20 years' advancing innovation in unicompartmental knee replacement

**1989**

Vision...

Development begins

**1991**

Origin...

The first implantation of AMC Unicondylar

**1998**

Innovation...

Introduction of coating technology, TiN and BONIT®

**2004**

Expansion...

Re-launch with advanced MIS instrumentation

**2007**

Progression...

First implantation using navigation

**2009**

Celebration...

Corin celebrates 20 years of unicompartmental knee replacement





First implanted in 1991, and with subsequent developments including the introduction of advanced coating technologies and surgical navigation, Uniglide has now been successfully clinically used for over 20 years<sup>1</sup>.

Uniglide®

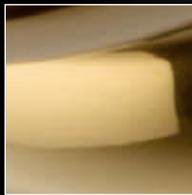
# Technology

Corin is dedicated to the use of advanced technologies to improve implant function and longevity.

10 years of successful  
cementless clinical use

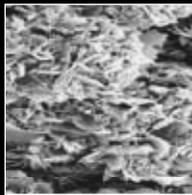


# Technology



## **TiN coating**

Titanium nitride coating is a ceramic layer that is applied to the polished surface to reduce wear and enhance longevity of the implant. The TiN coating has been successfully shown to reduce wear by up to 98%<sup>2</sup>.



## **BONIT coating**

An established and proven process incorporating an application of a thin calcium phosphate (CaP) layer applied to a titanium plasma sprayed base. A bone-like, dual phase CaP coating achieves optimal short and long-term osseointegration and accelerated implant healing.

The only ceramic surface coating  
with long-term history

# Uniglide®

## Versatility

**Mobile | Fixed | Cementless | Cemented**

Uniglide provides the greatest choice for both surgeon and patient. Implants are available with or without the TiN and BONIT coatings and are available as a mobile bearing or an all poly fixed option.





## Innovation in implant design

### **Natural kinematics**

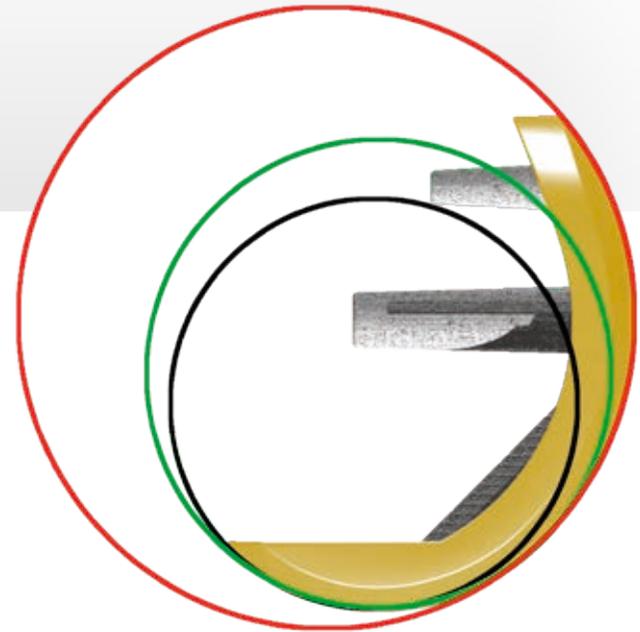
The triple radius geometry of the femoral component allows for a more natural fit and preserves the facet centres. In combination with the deep dished mobile bearing, Uniglide is a unicompartamental knee system that provides a more natural kinematic function.

### **Bone conservation**

The triple radius design of the femoral component also allows for less bone to be removed, meaning any subsequent revision is made easier.

### **Strength and stability**

The combination of the dual peg and keel design gives greater confidence in the security of the both the femoral and tibial components compared to other unicompartamental designs.



# Advanced instrumentation



Extra-medullary and intra-medullary femoral alignment, multiple tibial preparation options, as well as intra-operative flexibility, make the Uniglide an unrivalled choice for unicompartmental knee replacement.



Uniglide Mk III instrumentation allows for reproducible surgery time after time.

#### References:

1. Saxler G, Temmen D, Bontemps G. Medium-term results of AMC-unicompartmental knee arthroplasty. *The Knee* 2004;11:39-355.
2. Pappas MJ, Makris G, Buechel FF. Titanium nitride ceramic film against Polyethylene. *Clin Ortho Rel Res* 1995;317:64-70.

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