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

With over 10 years’ successful clinical use of advanced coatings, titanium nitride (TiN) ceramic and Biomimetic Cementless Technology, 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

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1989</td>
<td>Vision…</td>
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<tr>
<td></td>
<td>Development begins</td>
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<td>1991</td>
<td>Origin…</td>
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<td></td>
<td>The first implantation of AMC Unicondylar</td>
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<td>1998</td>
<td>Innovation…</td>
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<td></td>
<td>Introduction of coating technology, TiN and Biomimetic Cementless Technology</td>
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<td>2004</td>
<td>Expansion…</td>
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<td>Re-launch with advanced MIS instrumentation</td>
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<td>2007</td>
<td>Progression…</td>
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<td>First implantation using navigation</td>
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<td>2009</td>
<td>Celebration…</td>
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<td></td>
<td>Corin celebrates 20 years of unicompartmental knee replacement</td>
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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 almost 20 years.
Technology

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

10 years of successful cementless clinical use
Biomimetic Cementless Technology
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, biphasic CaP coating has been shown to promote short and long term osseointegration and may help to accelerate the implant healing process.\textsuperscript{1,3,4,5,6,7,8,9,10}

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\%\textsuperscript{2}.

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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 Biomimetic Cementless coatings and are available as a mobile bearing or an all poly fixed option.
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 unicompartmental 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 unicompartmental 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:

9. Broeke RHM, ten, Alves A, Baumann A, Arts JJC, Geesink RGT. Bone reaction to a biomimetic third generation hydroxyapatite coating and new surface treatment for the Symax hip system
10. Schlueter-Brust KU, Kruse S, Bontemps G. Twelve year survivorship after cemented and uncemented medial unicompartmental knee arthroplasty. 15th EFFORT Congress June 2014