



# iDuo G2

Patient-specific bicompartamental knee resurfacing system

Superior implant fit and performance  
require a patient-specific approach.  
The ConforMIS Partial Knee Resurfacing  
Systems use proprietary technology  
and patient-specific imaging data  
to personalize an implant and  
instrumentation set for each patient.



# iDuo G2

BICOMPARTMENTAL

The iDuo® G2 bicompartamental knee resurfacing system offers surgeons a unique option for early osteoarthritis intervention. Today, many patients with medial or lateral disease and patellofemoral involvement receive a total knee replacement without consideration of other options. A study of over 250 knee replacement patients at one high volume joint replacement center estimates that almost 30% of knee replacements are performed on patients with bicompartamental disease pattern.<sup>1</sup>

The iDuo G2 offers a revolutionary alternative to traditional total knee replacement by combining proven TKA principles for patellofemoral treatment with the advantages of the ConforMIS partial knee system. With the iDuo G2, a surgeon can treat just the affected compartments with a precise, patient-specific implant that delivers unparalleled fit, preserves all ligaments and conserves far more bone than traditional TKA. Not only does this provide patients with more natural knee motion, it also preserves future treatment options—a benefit to both patients and surgeons alike.

## BENEFITS:

**Unlimited patient-specific shapes and sizes**

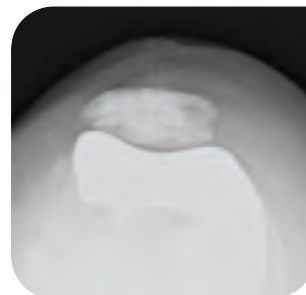
**Preservation of natural kinematics**

**Reproducible technique with fewer steps**

**Minimal instrumentation**



*iDuo® G2 patella*

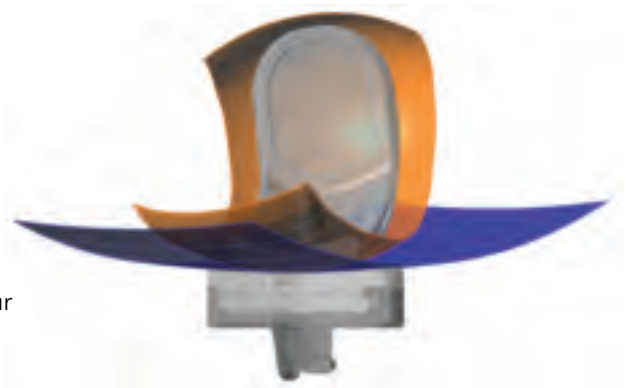


<sup>1</sup>Preliminary study data, Heekin Orthopedics, Jacksonville, FL

# The only true patient-specific bicompartamental knee implant just got better

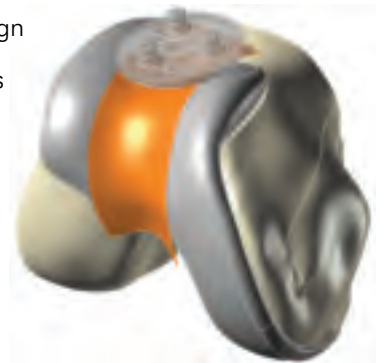
## Unparalleled fit, wear optimized design

- Constant coronal radius on condyle of femoral component
- Condyle matched contoured poly to reduce contact stress
- Engineered curvature in anterior flange for reduced patella wear
- Interference fit for minimal micro-motion



## Engineered patellofemoral joint for enhanced tracking

- Minimal anterior resection to allow for engineered PF design
- Complete, patient-specific coverage of all resection planes
- Trochlear groove relieved and externally rotated for improved patella tracking
- Patella track set lateral to mechanical axis as in traditional TKR



iDuo G2

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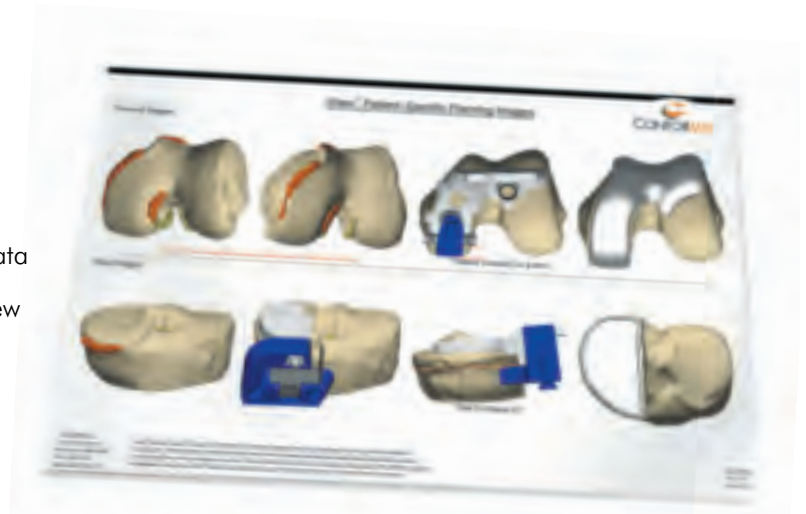


## G2 instrument system

- Stronger, smarter instrumentation for more reproducible surgical technique
- New dedicated tools for a more efficient procedure
- Fully disposable, single package delivery model

## iView patient-specific planning images

- Bone preparation and osteophyte removal guide
- Patient-specific anterior and posterior resection data
- Shipped with every implant for pre-operative review



# The ConforMIS patient-specific

## Personalized fit, natural kinematics

- Unlimited femoral and tibial component shapes and sizes
- Anatomic shape and ligament preservation for natural kinematics
- Full coverage of all weight bearing areas
- Tibial component matched to cortical rim



*Available for  
medial or lateral compartments*

## Less traumatic, more bone preserving than TKR

- Resurfacing femur with minimal bone resection
- Tibial component treats only the affected compartment
- ACL and PCL preserving
- No intramedullary canal preparation
- Retains far more healthy tissue to preserve future surgical options

# advantage

## Simple, reproducible surgical technique

- iJig® patient-specific instrumentation
- Fewer bone cuts, fewer steps
- Minimal intra-operative sizing or trials
- iView patient-specific planning images

## Operating room efficiencies

- Simplified set-up and tear down
- Minimal instrumentation required
- Reduced sterilization and inventory costs
- Appropriate for outpatient use





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CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician. The ConforMIS iDuo G2 is intended for use only by physicians trained in the proper use of the device and accompanying instrumentation.

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