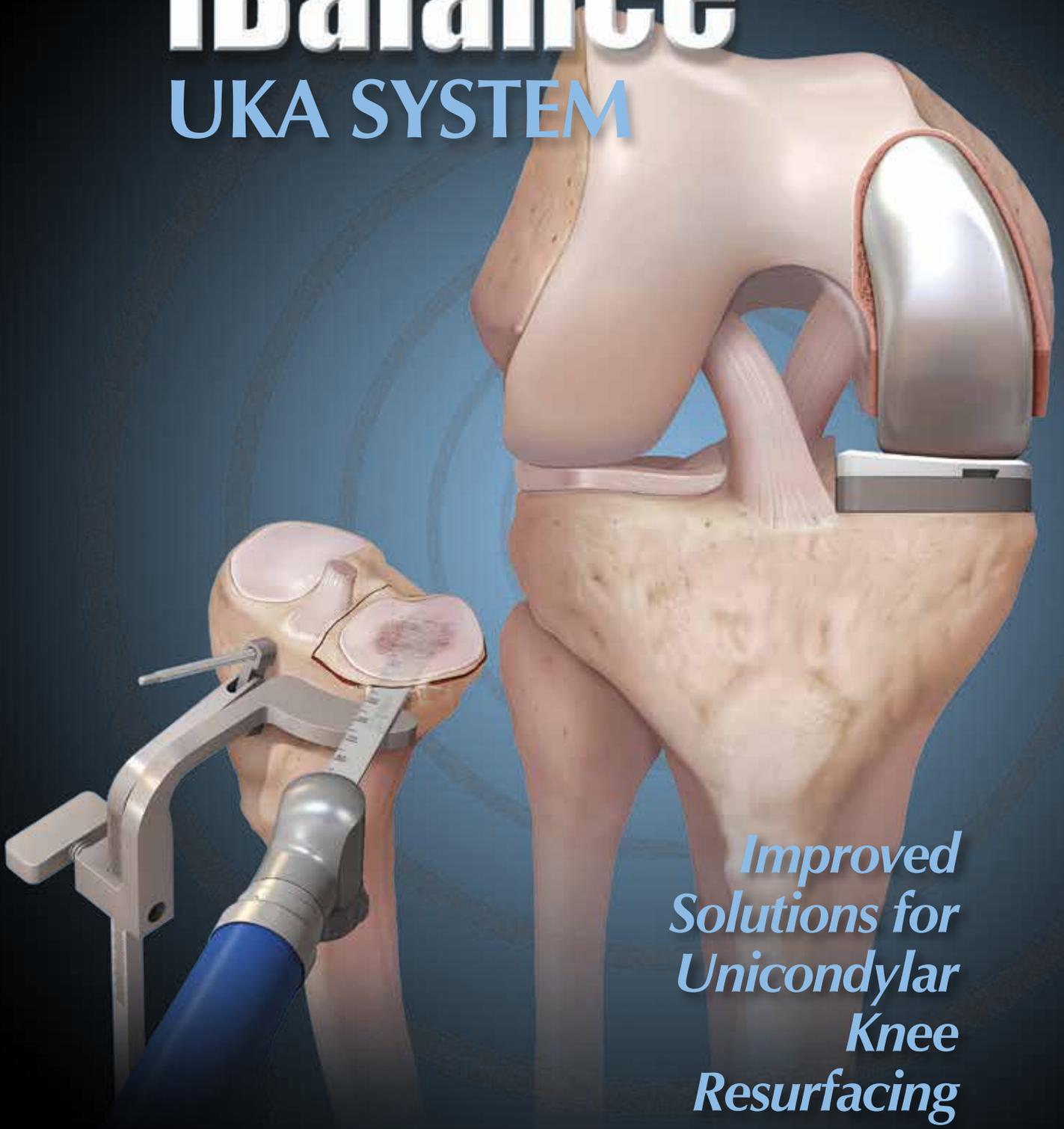


iBalance[®]

UKA SYSTEM



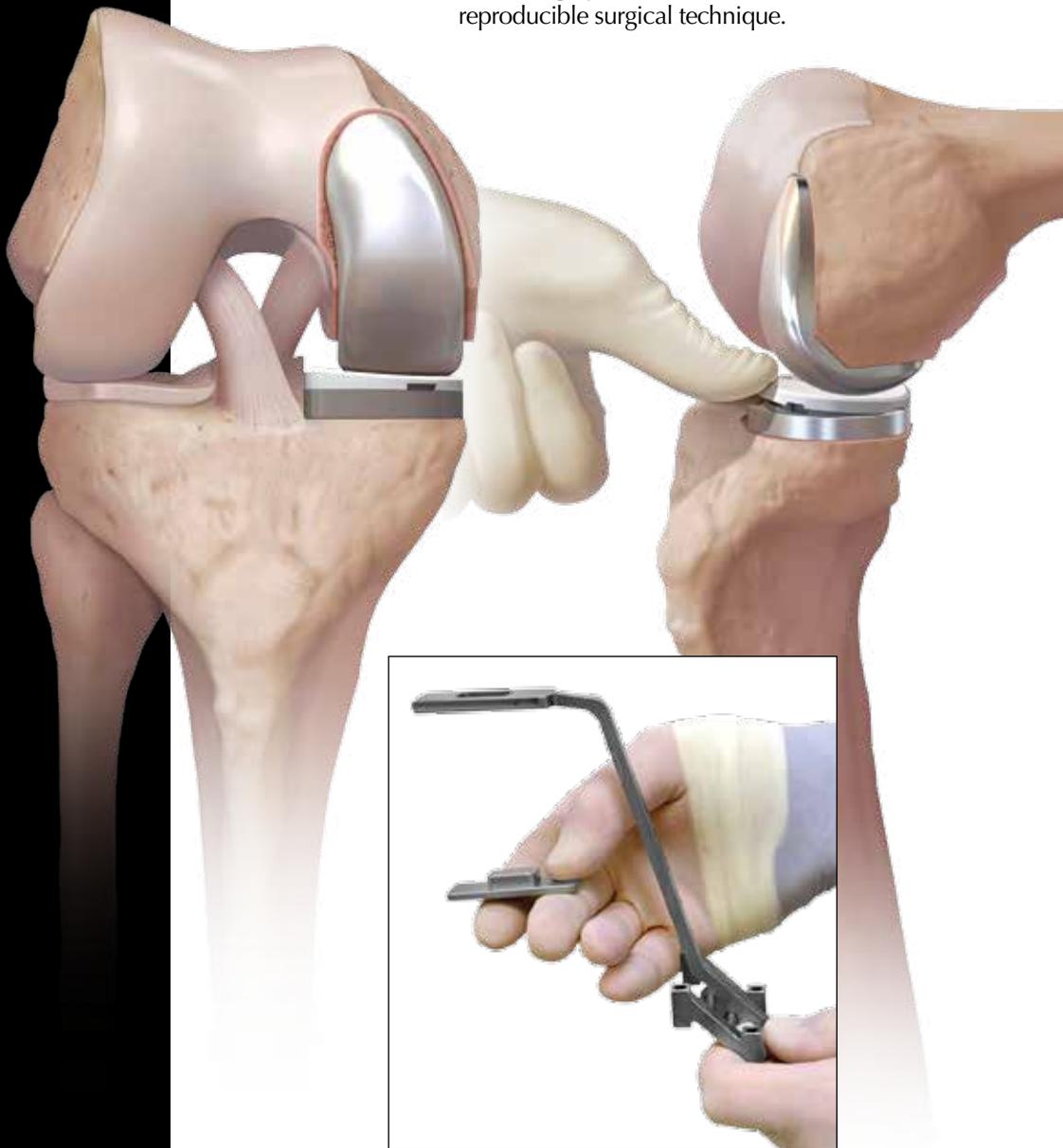
*Improved
Solutions for
Unicompartmental
Knee
Resurfacing*

Arthrex[®] 

iBalance UKA

Anatomic Implants, Intuitive Instruments, and a Reproducible Technique

The Arthrex iBalance UKA System is a complete, minimally invasive, instrument and implant platform for the treatment of localized unicompartmental cartilage degeneration as a result of osteoarthritis or post-traumatic arthrosis in the medial or lateral compartment of the knee. The iBalance UKA System includes highly anatomic femoral and tibial resurfacing implants and a novel and innovative instrument platform that facilitates a highly accurate, efficient and reproducible surgical technique.



iBalance UKA Implants – Anatomic Design

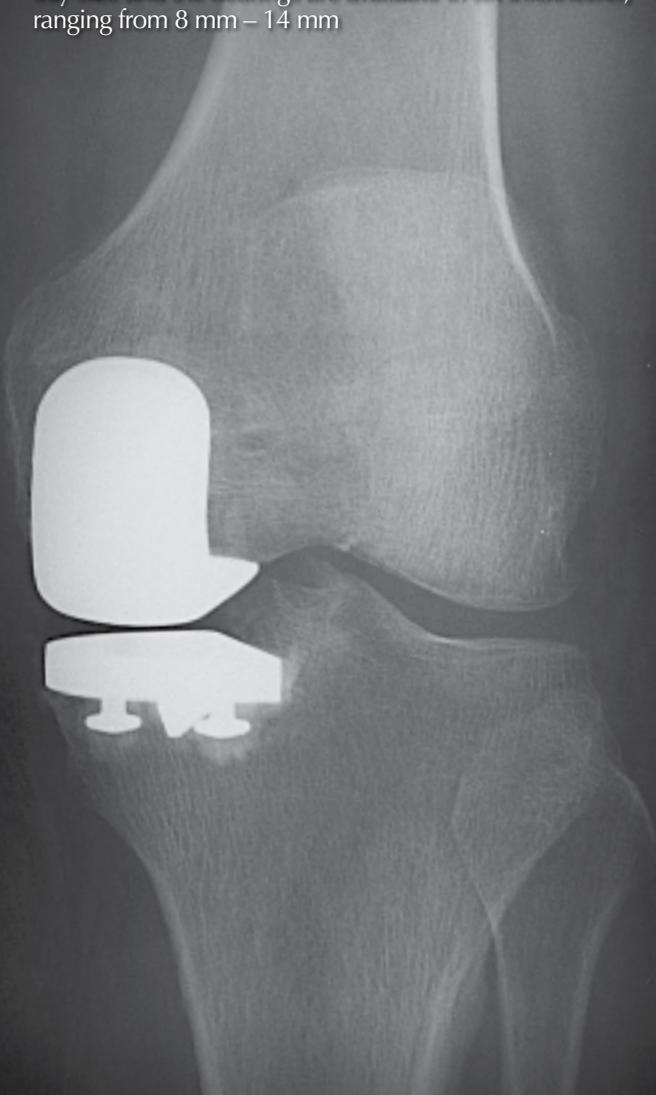


The highly anatomic femoral implants have coronal and sagittal geometries that match the curvature of the normal knee with a tapered anterior aspect that helps to reduce the incidence of patellar abutment. The high-flex design allows for up to 150° of flexion, while maintaining congruency. Secure fixation of the cemented femoral component is achieved through dual pegs, and a grit-blasted and macrot textured surface for adhesion of the bone cement to the implant.

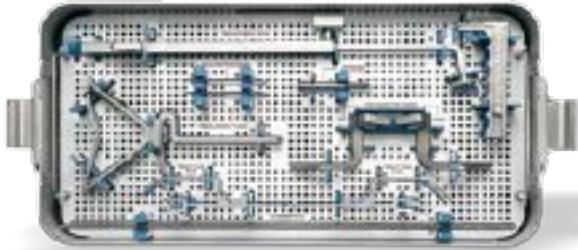
The cobalt chrome tibial baseplate component is available in six sizes to ensure proper cortical rim fit on the tibia. The tibial components also feature a grit-blasted, macrot textured surface along with an innovative keel and mushroom pegs for secure fixation. The fixed bearing polyethylene components are secured to the tibial baseplate with a peripheral locking mechanism and are easily inserted with minimal force. The entire construct is an open articulation, allowing for up to 10° of malalignment, while maintaining conformity and infinite mismatching of tibial and femoral component sizing, and providing a superior kinematic and biomechanical result.

Implant Product Offerings:

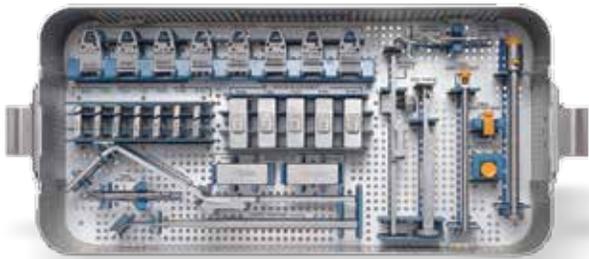
- Femoral and tibial tray components available in six sizes
- Femoral and tibial tray components are specific to left medial/right lateral and right medial/left lateral
- Polyethylene bearing component sizing matches the tibial tray size and the bearings are available in six thicknesses, ranging from 8 mm – 14 mm



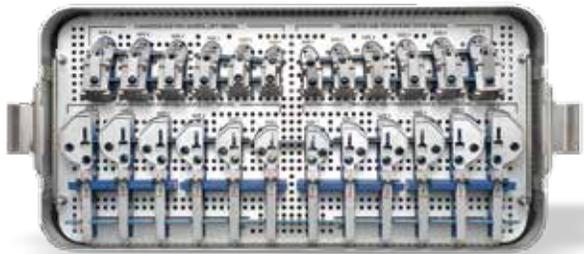
iBalance UKA Instrument Platform – Keeping it Simple



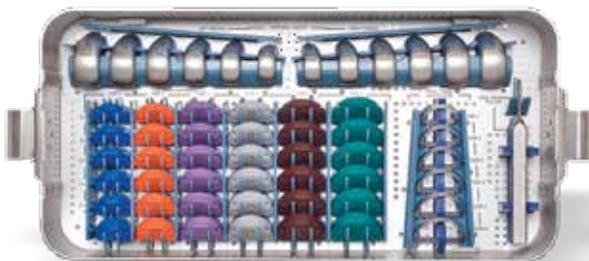
Tibial Alignment and Cutting Guides



Femoral Alignment and Cutting Guides



Tibial & Femoral Sizing and Preparation Instrumentation

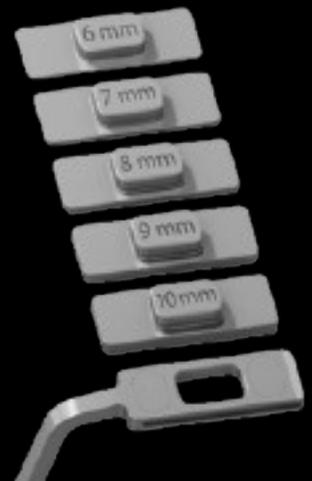


Femoral, Tibial and Polyethylene Trials

The instrumentation system is minimalistic and elegantly designed to be intuitive for the surgeon and OR staff, helping to reduce the learning curve. Many of the redundancies of traditional multi-case instrument sets have been reduced to provide surgeons with only what they need. It is the first of its kind to allow for precise flexion and extension gap balancing, ensuring the right fit for every patient by eliminating laxity or overstuffing the joint. After the tibial cut has been made, the gaps are measured and the femur is prepared using a tibial-referenced, linked femoral resection system to ensure highly accurate and parallel cuts prior to implant sizing and trialing. The end result is an accurate correction through precise instrumentation.

Instrument Product Offerings:

- Two instrumentation tray systems that can fit in smaller sterilizers commonly found in outpatient centers
- Locate what is needed quicker with clearly marked and color-coded instruments in an intuitive and easy-to-understand layout
- The Tibial Alignment Guide quickly and accurately adjusts for proper pin placement, varus/valgus angle, and slope prior to the tibial cut
- Magnetic Spacer Blocks mount on the Handle Assembly securely during gap balancing and linked resection of the femur
- Femoral Chamfer & Peg Guides double as sizing templates and clearly determine femoral component size



iBalance UKA Surgical Technique – Predictable Surgery Time and Outcomes



The operative technique for the iBalance UKA System allows for a reproducible method of balancing the flexion and extension gaps once the tibial cut is made, and making both the distal and posterior femoral cuts reference these balanced gaps. The gaps can be checked at each step in the technique, ensuring accuracy of the cuts prior to committing to the implant size. This prevents over or under resection of femoral bone that could result in relative compartment laxity or overstuffing. This technique provides a predictable, balanced result that ensures near-natural kinematics of the operative compartment.

Independent balancing of the flexion and extension gaps, in order to achieve a balanced outcome, is straightforward with the iBalance UKA. The unique magnetic spacer block system that the femoral cutting blocks are built on, along with composite gap measurement blocks, takes the guesswork out of each step and provides confidence that the cuts are accurate.



ORDERING INFORMATION

iBalance UKA Instrument Set

AR-601-S

IMPLANTS:

Femoral Components

Femoral Component, Size 1, Left-Medial	AR-501-UFLA
Femoral Component, Size 2, Left-Medial	AR-501-UFLB
Femoral Component, Size 3, Left-Medial	AR-501-UFLC
Femoral Component, Size 4, Left-Medial	AR-501-UFLD
Femoral Component, Size 5, Left-Medial	AR-501-UFLE
Femoral Component, Size 6, Left-Medial	AR-501-UFLF
Femoral Component, Size 1, Right-Medial	AR-501-UFRA
Femoral Component, Size 2, Right-Medial	AR-501-UFRB
Femoral Component, Size 3, Right-Medial	AR-501-UFRC
Femoral Component, Size 4, Right-Medial	AR-501-UFRD
Femoral Component, Size 5, Right-Medial	AR-501-UFRE
Femoral Component, Size 6, Right-Medial	AR-501-UFRF

Tibial Components

Tibial Tray Component, Size 1, Left-Medial	AR-501-TTLA
Tibial Tray Component, Size 2, Left-Medial	AR-501-TTLB
Tibial Tray Component, Size 3, Left-Medial	AR-501-TTLC
Tibial Tray Component, Size 4, Left-Medial	AR-501-TTLD
Tibial Tray Component, Size 5, Left-Medial	AR-501-TTLE
Tibial Tray Component, Size 6, Left-Medial	AR-501-TTLF
Tibial Tray Component, Size 1, Right-Medial	AR-501-TTRA
Tibial Tray Component, Size 2, Right-Medial	AR-501-TTRB
Tibial Tray Component, Size 3, Right-Medial	AR-501-TTRC
Tibial Tray Component, Size 4, Right-Medial	AR-501-TTRD
Tibial Tray Component, Size 5, Right-Medial	AR-501-TTRE
Tibial Tray Component, Size 6, Right-Medial	AR-501-TTRF

Polyethylene Components

Tibial Bearing, Size 1, 8 mm	AR-501-TBA8
Tibial Bearing, Size 1, 9 mm	AR-501-TBA9
Tibial Bearing, Size 1, 10 mm	AR-501-TBA0
Tibial Bearing, Size 1, 11 mm	AR-501-TBA1
Tibial Bearing, Size 1, 12 mm	AR-501-TBA2
Tibial Bearing, Size 1, 14 mm	AR-501-TBA4
Tibial Bearing, Size 2, 8 mm	AR-501-TBB8
Tibial Bearing, Size 2, 9 mm	AR-501-TBB9
Tibial Bearing, Size 2, 10 mm	AR-501-TBB0
Tibial Bearing, Size 2, 11 mm	AR-501-TBB1
Tibial Bearing, Size 2, 12 mm	AR-501-TBB2
Tibial Bearing, Size 2, 14 mm	AR-501-TBB4
Tibial Bearing, Size 3, 8 mm	AR-501-TBC8
Tibial Bearing, Size 3, 9 mm	AR-501-TBC9
Tibial Bearing, Size 3, 10 mm	AR-501-TBC0
Tibial Bearing, Size 3, 11 mm	AR-501-TBC1
Tibial Bearing, Size 3, 12 mm	AR-501-TBC2
Tibial Bearing, Size 3, 14 mm	AR-501-TBC4
Tibial Bearing, Size 4, 8 mm	AR-501-TBD8
Tibial Bearing, Size 4, 9 mm	AR-501-TBD9
Tibial Bearing, Size 4, 10 mm	AR-501-TBD0
Tibial Bearing, Size 4, 11 mm	AR-501-TBD1
Tibial Bearing, Size 4, 12 mm	AR-501-TBD2
Tibial Bearing, Size 4, 14 mm	AR-501-TBD4
Tibial Bearing, Size 5, 8 mm	AR-501-TBE8
Tibial Bearing, Size 5, 9 mm	AR-501-TBE9
Tibial Bearing, Size 5, 10 mm	AR-501-TBE0
Tibial Bearing, Size 5, 11 mm	AR-501-TBE1
Tibial Bearing, Size 5, 12 mm	AR-501-TBE2
Tibial Bearing, Size 5, 14 mm	AR-501-TBE4
Tibial Bearing, Size 6, 8 mm	AR-501-TBF8
Tibial Bearing, Size 6, 9 mm	AR-501-TBF9
Tibial Bearing, Size 6, 10 mm	AR-501-TBF0
Tibial Bearing, Size 6, 11 mm	AR-501-TBF1
Tibial Bearing, Size 6, 12 mm	AR-501-TBF2
Tibial Bearing, Size 6, 14 mm	AR-501-TBF4



For more information go to:

<http://arthrex.com/knee/ibalance-uka>

U.S. PATENT PENDING

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