

iBalance® PFJ System

Improved Solution for Patellofemoral Arthritis



iBalance® PFJ Implants

The iBalance patellofemoral joint (PFJ) resurfacing is a complete arthroplasty solution for patients with isolated patellofemoral joint osteoarthritis, post-traumatic arthrosis, and other degenerative changes.

The system uses low-profile anatomic implants with an open trochlear articulation that minimizes constraint and flexion problems common in traditional PFJ implant designs.

A simplified onlay system, iBalance PFJ resurfacing features the benefits of trochlear inlay philosophies, including maximum bone conservation and superior patellar contact area. The onlay component facilitates more reproducible replacement of varying trochlear pathologies.

Implant Offerings

- > Patellofemoral implants are available in 4 sizes
- > Patella implant domes are available in four sizes

Femoral Sizing

	M/L	P/D
Size 1	37 mm	34 mm
Size 2	41 mm	37 mm
Size 3	44 mm	41 mm
Size 4	48 mm	45 mm

Patella Sizing

Diameter	27 mm	30 mm	34 mm	37 mm
Thickness	8 mm	8 mm	9 mm	10 mm



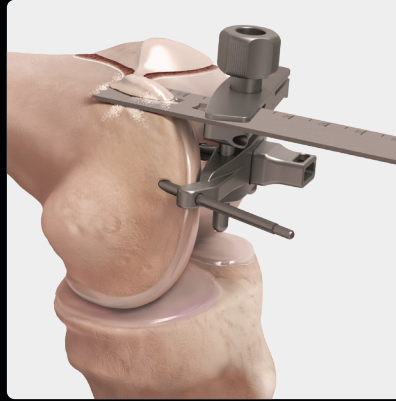
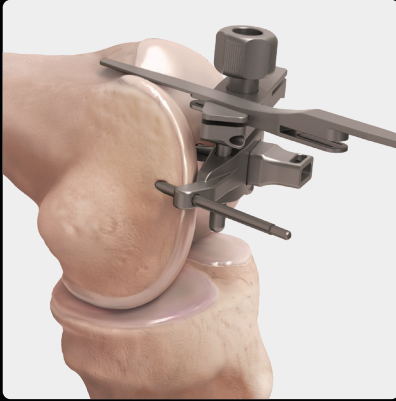
Straightforward Instruments

Simplicity and efficiency are key elements of the iBalance PFJ system. A Single-tray of instrumentation minimizes sterilization costs and turnover times and provides an instrument platform that enables predictability and reproducibility in patellofemoral arthroplasty. An anterior femoral resection guide and a captured jig allow for precise preparation of the trochlea.

- > Intuitive tray layout walks through the procedure from start to trial
- > Disposable osteotomes are always sharp and ready to perform

Provide a Reproducible Technique

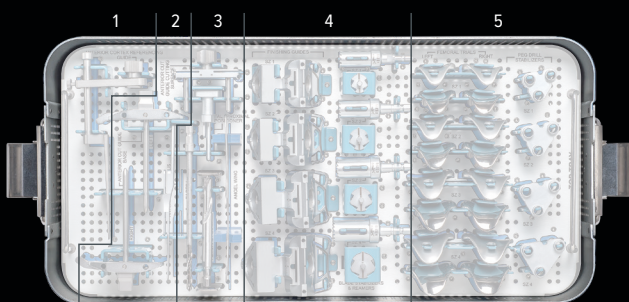
- › Intramedullary alignment spike facilitates proper flexion
- › Multiple visual and mechanical rotational alignment options assist with external rotation control
- › Single stylus represents thickness of all implant sizes and minimizes overstuffing the compartment
- › Finishing block eliminates sizing and trochlear preparation guesswork, increasing reproducibility of proper cartilage transition zones and maximizing anterior component coverage



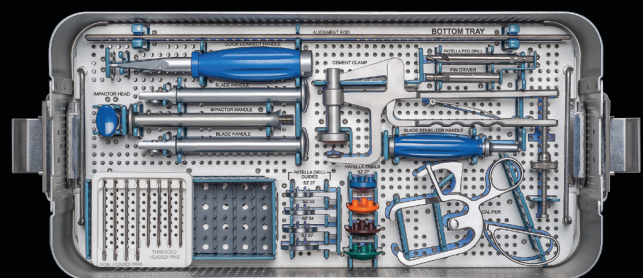
The Set

Five efficient steps minimize surgical compromise in the technique, ensuring appropriate focus on each detail prior to implantation:

1. Extramedullary flexion guide
2. External rotation base
3. Adjustable resection capture
4. Sizing and trochlear finishing block
5. Trials and final lug prep



Top Tray of iBalance® PFJ Instrumentation Set



Bottom Tray of iBalance PFJ Instrumentation Set

Ordering Information

iBalance® Implants

Femoral Components

Patellofemoral implant, size 1, left	AR-502-1L
Patellofemoral implant, size 2, left	AR-502-2L
Patellofemoral implant, size 3, left	AR-502-3L
Patellofemoral implant, size 4, left	AR-502-4L
Patellofemoral implant, size 1, right	AR-502-1R
Patellofemoral implant, size 2, right	AR-502-2R
Patellofemoral implant, size 3, right	AR-502-3R
Patellofemoral implant, size 4, right	AR-502-4R

Patellar Components

Patella implant dome, 27 mm × 8 mm	AR-504-PSA8
Patella implant dome, 30 mm × 8 mm	AR-504-PSB8
Patella implant dome, 34 mm × 9 mm	AR-504-PSC9
Patella implant dome, 37 mm × 10 mm	AR-504-PSD0

iBalance PFJ Instrument Set (AR-602-S)

iBalance PFJ Finishing Blades*

Finishing blades, size 1, qty. 1	AR-602-26
Finishing blades, size 1, qty. 10	AR-602-26L
Finishing blades, size 2, qty. 1	AR-602-27
Finishing blades, size 2, qty. 10	AR-602-27L
Finishing blades, size 3, qty. 1	AR-602-28
Finishing blades, size 3, qty. 10	AR-602-28L
Finishing blades, size 4, qty. 1	AR-602-29
Finishing blades, size 4, qty. 10	AR-602-29L

*Each kit includes three blades: distal, middle, and proximal.

Available Resources

Surgical technique guide	LT1-0162-EN
Loose implant set	DS-502
Acrylic model	DS-502-01

Other Systems in the iBalance Family

iBalance UKA system	LB1-0001-EN
iBalance HTO system	LB1-0124-EN

This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.



Arthrex manufacturer, authorized representative, and importer information (Arthrex eIFUs)



US patent information