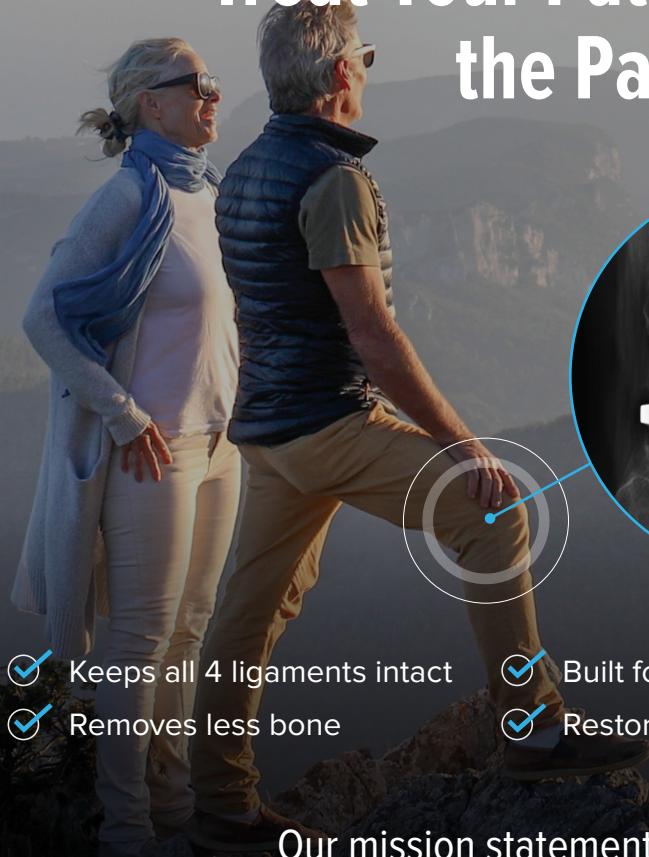


# Treat Your Patients with the Partial Knee



- Keeps all 4 ligaments intact
- Removes less bone
- Built for surgery center
- Restores native alignment

Our mission statement is  
**Helping Surgeons Treat Their Patients Better™**,  
and nothing illustrates that commitment better than  
partial knee arthroplasty.

iBalance® UKA System with Disposable Tibial Cutting Guide

## Better Patient Satisfaction

- ASC-centric operation
- Anatomy preserving<sup>1-3</sup>
- Less pain<sup>4</sup>
- Faster recovery<sup>1,2</sup>
- More natural motion<sup>1,2</sup>



8

40

of 100 knee arthroplasty patients receive a partial knee<sup>5</sup>



of 100 patients **could** receive a partial knee<sup>6</sup>



## Patient Indications

### Bone-on-Bone Medially<sup>7</sup>

- Ensure full-thickness cartilage loss medially with an AP weight-bearing or a standing x-ray

### Full-Thickness Cartilage Laterally<sup>7</sup>

- Confirm a healthy lateral joint using a valgus stress x-ray

### Moderate PFJ Wear<sup>8</sup>

- Greater than moderate PFJ wear may signal a TKA

### Intact ACL<sup>7,9</sup>

- Verify with an x-ray
- If ACL is NOT intact, the surgical technique details a simultaneous ACL reconstruction and UKA

### Ignore Historic Concerns<sup>10</sup>

- The following are no longer contraindicated: physical activity, age (younger than 60), weight (more than 180 lb), and performance of heavy labor
- Traditional beliefs have been debunked and now patients with these criteria fall safely within the indications

## References

1. Palumbo BT, Scott RD. Diagnosis and indications for treatment of unicompartmental arthritis. *Clin Sports Med.* 2014;33(1):11-21. doi:10.1016/j.csm.2013.06.001
2. Witjes S, Gouttebarge V, Kuijper PP, van Geenen RC, Poolman RW, Kerkhoffs GM. Return to sports and physical activity after total and unicondylar knee arthroplasty: a systematic review and meta-analysis. *Sports Med.* 2016;46(2):269-292. doi:10.1007/s40279-015-0421-9
3. Nunley RM, Nam D, Johnson SR, Barnes CL. Extreme variability in posterior slope of the proximal tibia: measurements on 2395 CT scans of patients undergoing UKA? *J Arthroplasty.* 2014;29(8):1677-1680. doi:10.1016/j.arth.2014.03.024
4. Hopper GP, Leach WJ. Participation in sporting activities following knee replacement: total versus unicompartmental. *Knee Surg Sports Traumatol Arthrosc.* 2008;16(10):973-979. doi:10.1007/s00167-008-0596-9
5. DRG Millennium Research Group. Large joint reconstructive devices. *Core Regional Reports.* 2020.
6. Willis-Owen CA, Brust K, Alsop H, Miraldo M, Cobb JP. Unicondylar knee arthroplasty in the UK National Health Service: an analysis of candidacy, outcome and cost efficacy. *Knee.* 2009;16(6):473-478. doi:10.1016/j.knee.2009.04.006
7. Hamilton TW, Rizkalla JM, Kontochristos L, et al. The interaction of caseload and usage in determining outcomes of unicompartmental knee arthroplasty: a meta-analysis. *J Arthroplasty.* 2017;32(10):3228-3237.e2. doi:10.1016/j.arth.2017.04.063
8. Berend KR, Lombardi AV Jr, Adams JB. Obesity, young age, patellofemoral disease, and anterior knee pain: identifying the unicondylar arthroplasty patient in the United States. *Orthopedics.* 2007;30(S Suppl):19-23.
9. Hamilton TW, Pandit HG, Lombardi AV, et al. Radiological Decision Aid to determine suitability for medial unicompartmental knee arthroplasty: development and preliminary validation. *Bone Joint J.* 2016;98-B(10 Suppl B):3-10. doi:10.1302/0301-620X.98B10.BJJ-2016-0432.R1
10. Borus T, Thornhill T. Unicompartimental knee arthroplasty. *J Am Acad Orthop Surg.* 2008;16(1):9-18. doi:10.5435/00124635-200801000-00003



Scan to learn more  
about partial knee  
replacements



© 2023-01 Arthrex, Inc. All rights reserved.  
FL1-000613-en-US\_A