ROSA®
Partial Knee

ZIMMER BIOMET

Confidence Enhanced by Consistency

Providing more accurate tibial resections[1] than conventional instrumentation, coupled with intra-operative guidance to avoid over or under-correction, the ROSA® Partial Knee System is designed to increase surgeon confidence by enabling a consistent and flexible Persona® Partial Knee surgical experience.

Combining ZB*E*dge® integrated technologies with the clinical heritage of our comprehensive implant systems, Zimmer Biomet is revolutionizing the standard of care.

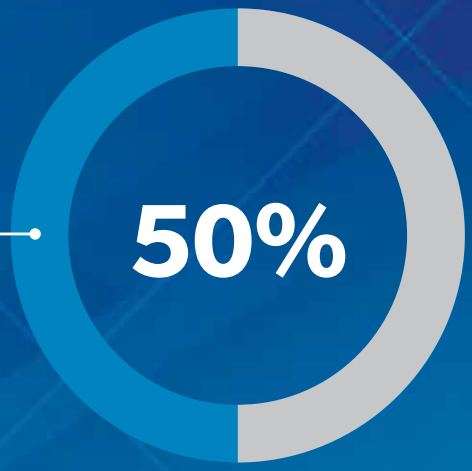
SURGEON-CENTERED

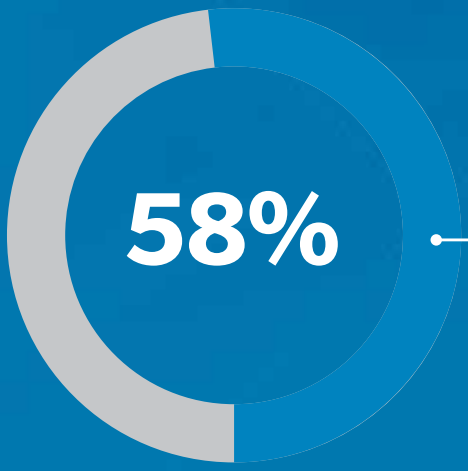
ACCURATE[1]

EFFICIENT

DATA-DRIVEN

RESEARCH SHOWS THAT NEARLY 50% OF KNEE REPLACEMENT PATIENTS COULD BE CANDIDATES FOR PARTIAL KNEE ARTHROPLASTY (PKA).[2]





RESEARCH SHOWS THAT UP TO 58% OF PATIENTS SURVEYED WOULD PREFER A PKA OVER A TKA, WHEN PRESENTED WITH THE BENEFITS AND RISKS OF BOTH.[3]

SURGEON-CENTERED

SURGEON-CENTERED DESIGN THAT WORKS WITH YOU, NOT FOR YOU.

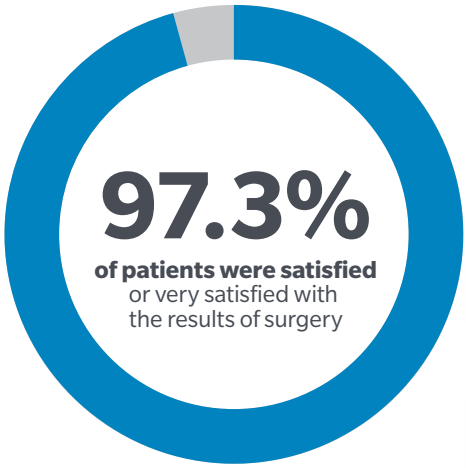
Assistance in the execution of sagittal cut during imageless workflow:

- To support the protection of ACL fibers during tibial cut

IMPLANTS DESIGNED TO IMPROVE OUTCOMES

- Technologies are only as good as the implants they are used with. Zimmer Biomet has a rich clinical history leading to the Persona® Partial Knee System[4,5]

TWO-YEAR RESULTS OF 643 IMPLANTED PERSONA PARTIAL KNEES DEMONSTRATED:[6]



Quantify Previously Subjective Information

Factoring in soft tissue balance is not a new concept in partial knee replacement, but finding the right soft tissue balance with static, traditional instruments is highly subjective.

With ROSA Partial Knee, surgeons are able to objectively measure soft tissue feedback and virtually conduct a knee replacement before performing any resections.

Other robotic systems collect soft tissue information by taking snapshots of the knee in only two positions, so the surgeon cannot collect data about how the knee is responding as it is being manipulated in the procedure.

ACCURATE[1]

MORE ACCURATE AND REPRODUCIBLE TIBIAL RESECTIONS THAN CONVENTIONAL INSTRUMENTATION.[1]

- Tibial resection with ROSA Partial Knee has been shown to be more accurate and reproducible than conventional instrumentation, which may result in improved early patient outcomes[1]
- Offers surgeon precision and accuracy[1] through the cut flow and validation feature, which is designed to ensure proper alignment in real time
- The Live HKA Tool assists in optimizing the extension laxity, providing real-time HKA measurements based on the robotic tibial cut performed, the correctable deformity and the spacer block thickness used
  - It can guide bearing size selection and femoral cut depth, while providing guidance to intra-operatively avoid over or under-correction
  - Over and under-correction may cause uneven implant wear patterns, progression of disease in lateral compartment, pain and aseptic loosening[7]

Real-time soft tissue evaluation and residual laxity checks are designed to support balancing and implant placement with the goal of better post-operative results

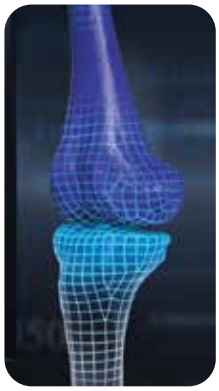
EFFICIENT

FLEXIBLE IMAGING OPTIONS

Based on surgeon preference, ROSA Partial Knee offers both imageless and image-based options for greater flexibility.

- The imageless option eliminates the time for image acquisition and pre-operative plan preparation, can address reimbursement concerns, limit patients' exposure to radiation and minimize scheduling requirements
- While some surgeons opt for the operational efficiency of working imageless, others appreciate the benefits of utilizing image-based cases with X-Atlas® 2D to 3D Technology

2D X-rays are submitted to your assigned Personalized Solutions Planning Specialist



X-rays are transformed into a digital, 3D replication of the patient's anatomy

A plan is created and displayed on the user interface based on the patient's unique anatomy

SUPPORTS PRE- AND INTRA-OPERATIVE FLEXIBILITY AND EFFICIENCY

ROSA Partial Knee requires fewer tibial re-cuts than conventional partial knee arthroplasty, potentially resulting in OR time efficiency.[1]

When using ROSA Partial Knee, surgeons have the flexibility to intra-operatively change to a ROSA Knee if required.

DATA-DRIVEN

Making the best decision when it matters requires data-driven intelligence.

ROSA Partial Knee, a cornerstone of ZBEdge® Dynamic Intelligence®, is an integral part of creating a comprehensive view of orthopedic care informed by data.

Meaningful Connections to Unlock Insights

ZBEdge is Dynamic Intelligence with the power to elevate and unlock the full potential of Zimmer Biomet's cutting-edge suite of integrated digital technologies, robotics and implant solutions.

ZBEdge™

by ZIMMER BIOMET

ZB*E*dge™
PRIVACY

DATA PRIVACY

AT ZIMMER BIOMET, THE PATIENT IS ALWAYS THE PATIENT, AND NEVER THE PRODUCT.

We accept the responsibility that comes along with the new age of data transformation and we are committed to protecting the patient's privacy.

Our dedicated teams of privacy professionals work to support Zimmer Biomet's data protection obligations, data management and use.

For more information, contact your local representative or visit zimmerbiomet.com/ROSAPartial

References

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