Personalized solutions for any surgical challenge.

Optical Navigation

ORTHOsoft's product suite enables navigation of THR, TKR, UKR & PHR with customizable profiles.

Soft Tissue Balancing

***eLIBRA*® System** achieves dynamic flexion balance through personalized femoral component rotation.

X-Ray Templating

Medstrat is a cloud based templating software that facilitates surgical planning.

Personalized Guidance System

***iASSIST*®** Knee is a handheld guidance system allowing an accuracy of ± 1˚ for every validated cuts.[5]

Patient-Specific Instrumentation

***Zimmer*® PSI** for both Knee and Shoulder Arthroplasty provides 3D preoperative planning and intraoperative instrument guides which enable a surgeon to personalize the surgery for optimal implant position and fixation, tailored to the patient.

New technology is the number one driver after worsening pain.[6]

Conditions likely to make a patient undergo hip or knee surgery[6]

Worsening Pain/disability	70%
New technologies	**55%**
Increase in wealth	40%
Economic Improvement	30%
Better health insurance	27%
Greater Job security	21%
Obtain insurance	18%
Find new job	10%
Other	12%

Contact us at cas-marketing@zimmercas.com or visit us at www.zimmertv.com.

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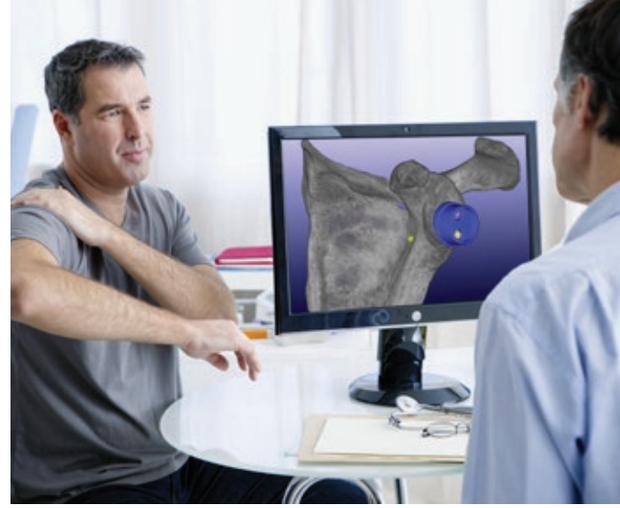

Your Personalized Solutions Company

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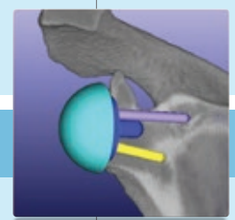
Relation Tool	Retained Hardware	Efficiency	Extreme Cases	Less Invasive	Accuracy	Intra-Op Validation
ZIMMER® PATIENT SPECIFIC INSTRUMENTATION					· Personalized by patient · Pre-plan allows optimal implant positioning · Reduction of outliers [1,3]	
SURGEON · Allows patients to visualize their pre-op plan while understanding the logistics behind the creation of their personalized surgical guides.		· Tray reduction* = Reduced Sterilization costs = Reduced Infections risks = Reduced OR Turnover time · Increased OR efficiencies** · Enhanced Inventory Management · Better prepared for outliers, macro or micro sizes *Number of Trays - Average of 4.3 vs. 7.5[1], 1 vs. 6[2] **13 min reduction[2,4], at $50/min, $650 savings/procedure	**SHOULDER** · Allows surgeons to position base plate and screws in a wide population of deformations · Allows to visualize underlying bone quality	· Avoids reaming the intramedullary canal · Reduced blood loss [4]	**KNEE** · Based on Mechanical Axis · Increased tibia rotation accuracy (1.4°± 1.1° for PSI vs. 16.9°±6.8° for standard inst.)[3] **SHOULDER** · Provides control of glenoid implant version and inclination · Gives surgeon guidance on reaming angle and depth · Enables screw placement into solid bone for bi-cortical fixation	
MEDSTRAT TEMPLATING SYSTEM SOFTWARE						
		· Tray reduction = Reduced sterilization costs = Reduced OR Turnover · Enhanced Inventory Management · Better prepared for outliers, macro or micro sizes				
iASSIST KNEE						
· Intra-op validation = surgeons peace of mind	· No diaphyseal bone pins · No imaging needed · No intra-medulary access alignment (mechanical alignment)	· Time neutral = optimized results for a same surgery time	· Anatomical deformity · Wireless acquisition of mechanical alignment enables restoring mechanical axis	· No pin insertions · No canal reaming		· Varus/valgus · Flexion & slope
ORTHOsoft OPTICAL NAVIGATION						**HIP** · Cup placement · Leg length & offset · Pelvic tilt **KNEE** · Varus/valgus · Ligament balance · Final HKA
	· No imaging needed · No IM access needed		· Anatomical deformity · Complete assistance for all challenges of complexe cases (rotation, balance, final HKA, V/V, F/E)		· Suits multiple surgeons workflow to enable accurate results	
eLIBRA SYSTEM						
		· Reduces/eliminates flexion balancing during trial reduction	· Bad varus/valgus deformities	· Reduced/eliminated soft tissue releases	· Dynamic evaluation of soft tissue structures	· Femoral rotation · Soft tissue balancing · Objective compartmental force data



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