GPS
SHOULDER

exactech

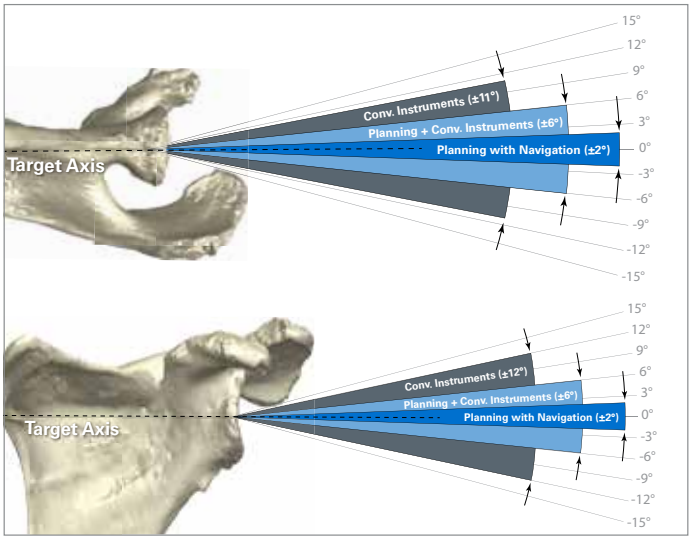
active INTELLIGENCE | eGPS

The Shoulder Planning App + ExactechGPS® shoulder navigation gives surgeons control before and during surgery. It's the first and only shoulder technology that connects the preoperative plan with real-time guidance in the O.R. – and verifies implant placement.[5-7,10,11]

PLANNING
Create personalized preoperative surgery plans with Shoulder Planning App.

EXECUTION
Connect the preoperative plan with verified implant placement using ExactechGPS.

SURGERY
- **Intraoperative flexibility**
  - Ability to adjust Planning App surgical plan in the O.R.
- **Real-time glenoid vault visibility**
  - Retroversion | Inclination | Reaming | Drilling depth | Screw placement | Final implant placement
- **Time neutral after initial cases**[3,4]



Version (top) and inclination using conventional instruments,[11] planning + conventional instruments, and planning + navigation.[10]

COST
- No capital cost

OUTCOMES
- **Verified implant placement accuracy** within 2mm/2 degrees of plan[5-7,10,11]
- **Better fixation** through screw placement guidance and use of longer screws (compared to conventional methods)[8,9]
- **Improved postoperative function such as internal rotation in aTSA and rTSA (vs. non-navigated)**: Reduced postoperative complications such as rotator cuff tear in aTSA and pain in rTSA (vs. non-navigated)[1,2]

SPACE
- Compact and mobile package
- Touchscreen tablet integrates seamlessly into the sterile field for easy access

Compatible with Equinoxe® system comprehensive glenoid and humeral solutions, including the new laser cage glenoid, small reverse baseplates and augments.

REFERENCES : 10. **Greene A. et al.** Navigated vs. non-navigated results of a CT based computer assisted shoulder arthroplasty system in 30 cadavers. Presented at ISTA 2018.* 11. **Iannotti, J. et al.** Three-dimensional preoperative planning software and a novel information transfer technology improve glenoid component positioning. *J Bone Joint Surg.* 2014;96:e71(1-8). * In vitro (bench) test results may not necessarily be indicative of clinical performance. *References 1-9 available at https://www.exac.com/tech-gpsdata/

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