

INHANCE™ Anatomic Glenoid

Shaping A Next Generation Glenoid

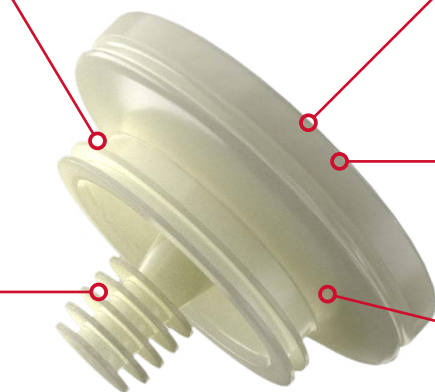
Thin-finned peripheral Anchor Ring intended to achieve immediate fixation and peripheral stability similar to inset glenoids.

The INHANCE™ Shoulder System Anatomic Glenoids are offered in five sizes that are compatible with all INHANCE™ Shoulder System Anatomic Humeral Heads.

Finned Anchor Peg central post designed for biologic fixation.¹

Self-Centering design for anatomic translation.

Crosslinked utilizing Vitamin E to increase oxidation resistance.²



Features & Benefits

- Stability was achieved while removing **45% less bone** than a traditional pegged glenoid and **35% less bone** than an inset glenoid.³
- In testing, accelerated aged INHANCE™ Anatomic Glenoids demonstrated a **780% reduction** in wear particles compared to unaged conventional polyethylene glenoids after 5 million cycles.⁴
- Mechanical testing of the INHANCE™ Anatomic Glenoid demonstrated less displacement than a market-leading pegged hybrid glenoid.⁵

Zoned-Conformity Glenoid

- Circle geometry may significantly lower superior forces against the rotator cuff and lower maximal forces against the glenoid compared to oval, all-poly implants.⁶

Touch-Free Technology

- Glenoid Implants are packaged with a unique preassembled Inserter Tips that allow for touchless implantation.

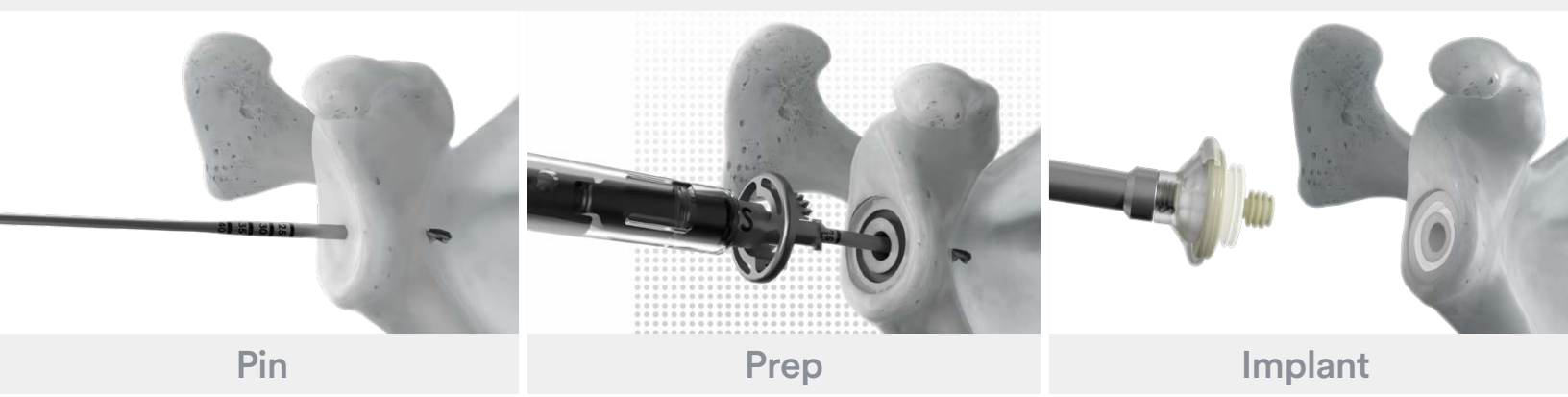


Surgical Accuracy & Efficiency



- ✓ ONE STEP PREP™ Glenoid reduces the total number of surgical steps by up to 59% over traditional pegged glenoids.⁷
- ✓ The INHANCE™ Shoulder System circular glenoid shape is designed to simplify implant insertion with an attached inserter, compared to an oval or pear-shaped glenoid.
- ✓ ONE STEP PREP™ Reamers prepare all glenoid features on the same axis, in contrast to other systems which require sequential step preparation.

ONE STEP PREP™
Glenoid

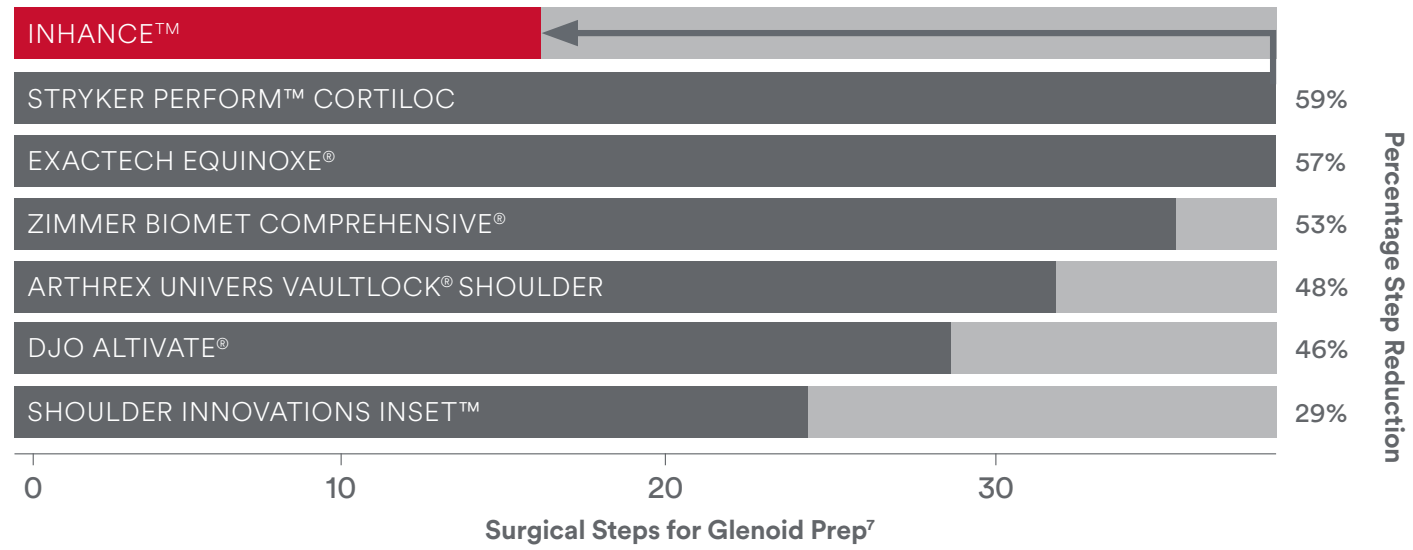


Pin

Prep

Implant

INHANCE™ Shoulder System Glenoid Step Reduction



References

1. Killian CM, Morris BJ, Sochacki KR, Gombera MM, Haigler RE, O'Connor DP, Edwards TB. Radiographic comparison of finned, cementless central pegged glenoid component and conventional cemented pegged glenoid component in total shoulder arthroplasty: a prospective randomized study. J Shoulder Elbow Surg. 2018 Jun;27(6S):S10-S16. doi: 10.1016/j.jse.2017.09.014. Epub 2017 Dec 13. PMID: 29246679.
2. Oral E, Greenbaum ES, Malhi AS, Harris WH, Muratoglu OK. Characterization of irradiated blends of alpha-tocopherol and UHMWPE. Biomaterials. 2005 Nov;26(33):6657-63. doi: 10.1016/j.biomaterials.2005.04.026. PMID: 15993487; PMCID: PMC1463566.
3. DePuy Synthes INHANCE Glenoid Bone Removal Comparison. 2021. ADAPTIV 103840234
4. Ignite Glenoid Wear Testing Report & Appendix A-H. 2021. TR-200403 REV.02
5. Ignite Anatomic Glenoid Loosening Eval Tech Report. 2021. TR-200402 REV. 02
6. Wright MA, Abbasi P, Murthi AM, Biomechanical Comparison of Zoned Conformity Glenoid Versus Standard Glenoid in Total Shoulder Arthroplasty: Impact on Rotator Cuff Strain and Glenohumeral Translation, Journal of Shoulder and Elbow Surgery (2021), doi: https://doi.org/10.1016/j.jse.2021.03.137.
7. DePuy Synthes Glenoid Surgical Step Comparison. 2021. ADAPTIV 103814569



© DePuy Synthes 2022. All rights reserved. 199643-211221 DSUS
 Please refer to the instructions for use for a complete list of indications, contraindications, warnings and precautions.
 The third-party trademarks used herein are the trademarks of their respective owners.