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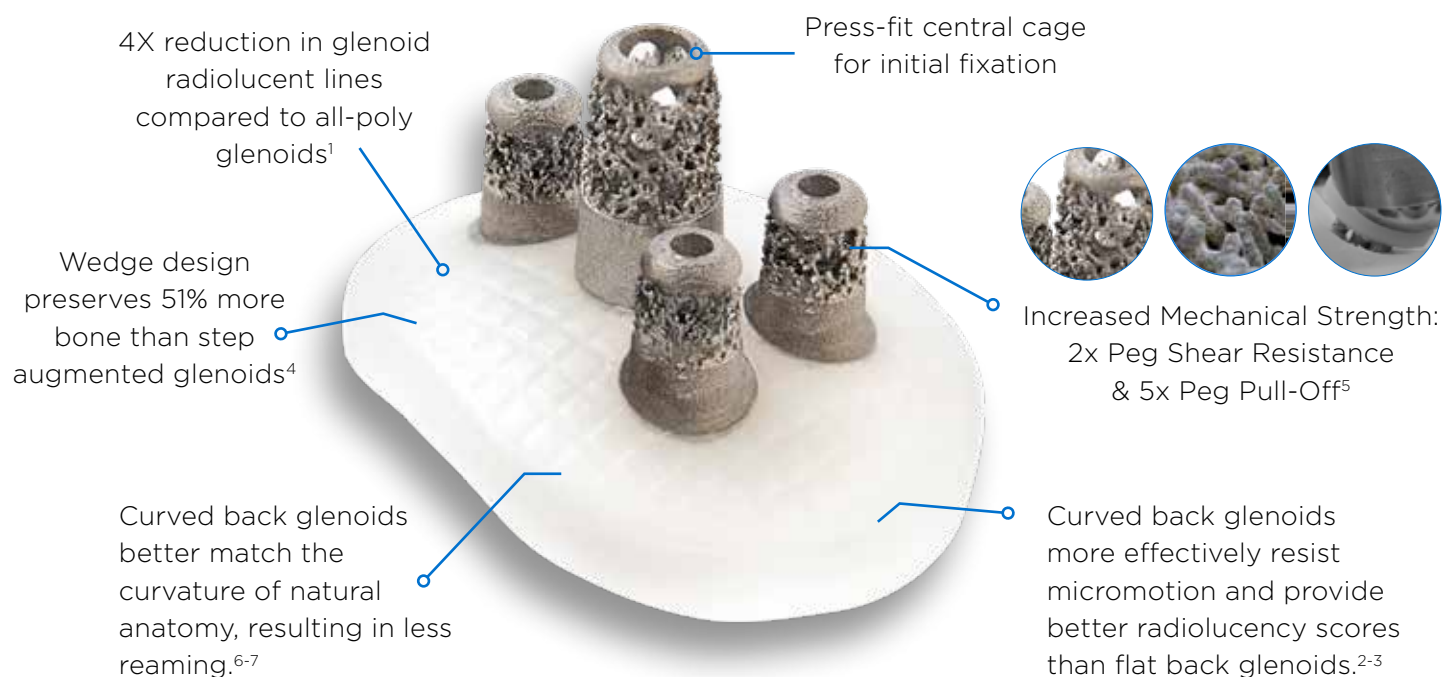
LASER CAGE GLENOID



exactech

equinox[®] | LASER CAGE GLENOID

The Laser Cage Glenoid is the next-generation hybrid glenoid, tested in extreme fatigue loading conditions while seated 5mm proud. It was able to complete 200k cycles without failure, which is twice as many cycles as required by the ASTM standard.⁶ Its predecessor, the Cage Glenoid (launched in 2011), at 50 months' mean follow-up, has demonstrated significantly fewer radiolucent lines around the glenoid and a lower revision rate.¹



Laser Printed Porous Central Bone Cage & Peripheral Pegs

Why Laser 3D Printing?

- Creates porous regions that are optimized for pore size, count and porosity to allow for bone through-growth and biologic fixation.⁵
- Allows the polyethylene to be molded into the central cage and peripheral pegs, greatly increasing the implant's mechanical strength (2x peg shear resistance and 5x peg pull-off)⁵

REFERENCES

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3. **Szabo I, Buscayret F, Edwards TB, et al.** Radiographic comparison of flat-back and convex-back glenoid components in total shoulder arthroplasty. J Shoulder Elbow Surg 2005; 14: 636-642.
4. **Kersten, et al.** Posterior augmented glenoid designs preserve more bone in biconcave glenoids J Shoulder Elbow Surg. 2015 Jul;24(7):1135-41.
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