




HAMMR™

ACCELERATED PRECISION



**HIP ARTHROPLASTY IS A
STRENUOUS PROCEDURE.
SWINGING A MALLET
IS A CONTRIBUTING FACTOR,
AS SURGEONS COULD PERFORM
OVER 4 MILLION SWINGS IN A CAREER.¹**

Studies show repetitive tasks, such as swinging a mallet, can result in procedure-related musculoskeletal pain² as well as surgery for a work-related injury.³



**ADJUSTABLE.
POWERED.
PRECISE.**

The HAMMR Automated Impaction System is designed to address surgeon strain, fatigue, and repetitive motion associated with the traditional mallet.

ADJUSTABLE

- Three adjustable energy levels to effortlessly address bone quality variation in both the femur and acetabulum.

POWERED

- Ergonomic and balanced impaction device designed to replace the traditional mallet to address fatigue and repetitive motion.

PRECISE

- Consistent and controlled energy⁴ designed to minimize variability in both bone preparation and device implantation.





Twist-Lock Chuck

- 180° positive lock
- Designed for ease of adapter engagement

Single or Continuous Trigger

- Consistent impaction energy output⁴ with every trigger pull
- Delivers 6 impacts per second⁵

Ergonomic Grip

Centrally positioned to help distribute the weight and help minimize hand and wrist strain

Rounded and Textured Grip

Rounded and textured to maximize grip, comfort and control

Easy Intuitive Energy Selector Switch

- Adjusts between three energy levels (low, medium and high)
- Available in both forward and reverse

Lithium Ion Battery

- Designed to deliver longer procedural battery life
- Real-time charge level indicator

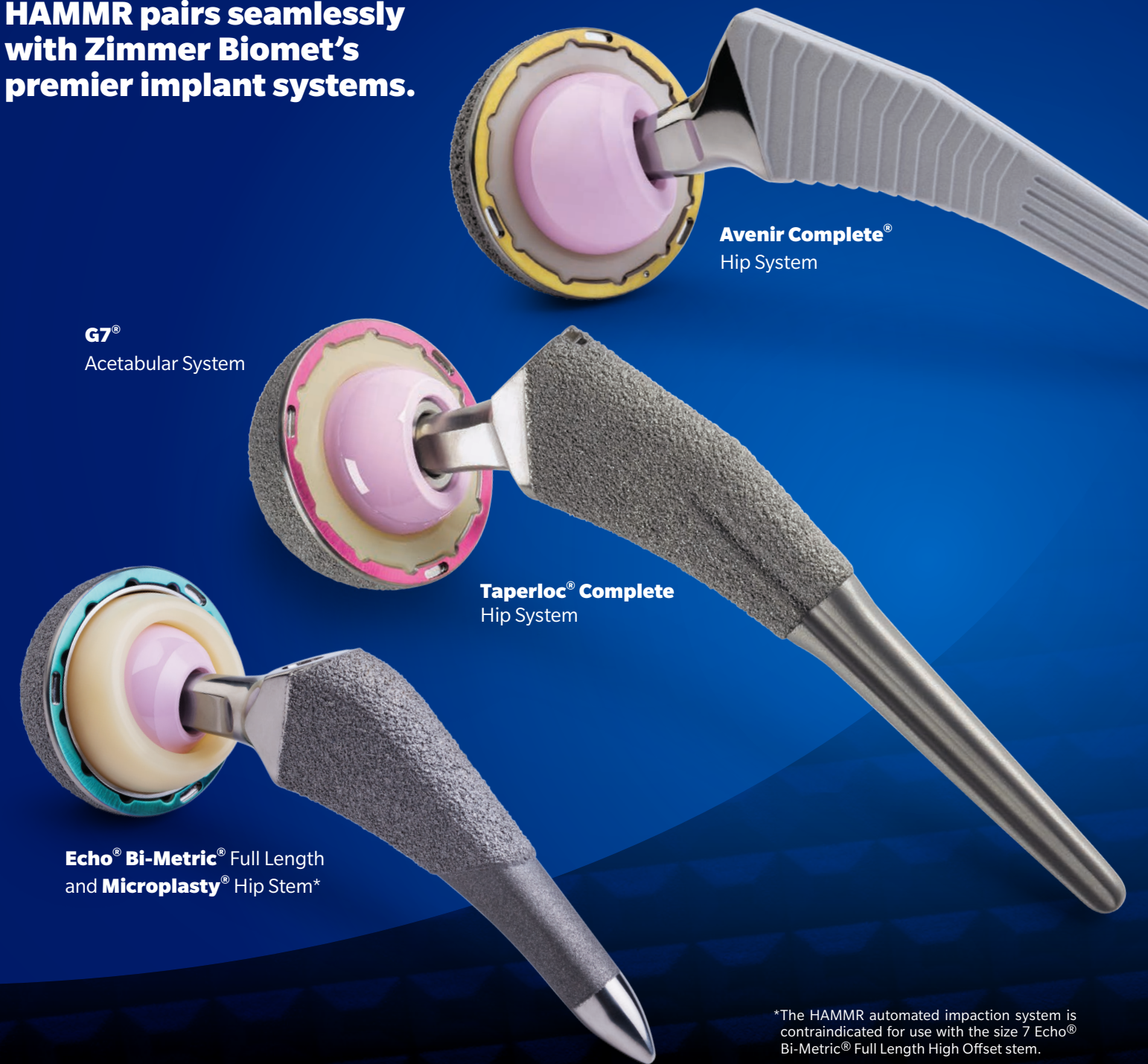


Designed for multiple surgical approaches and implant systems.

Adapters are available for anterior and posterior surgical approaches and are secured to the device during use to address off-axis impaction that can occur with a mallet.



HAMMR pairs seamlessly with Zimmer Biomet's premier implant systems.



Avenir Complete[®]
Hip System

G7[®]
Acetabular System

Taperloc[®] Complete
Hip System

Echo[®] Bi-Metric[®] Full Length
and **Microplasty[®]** Hip Stem*

*The HAMMR automated impaction system is contraindicated for use with the size 7 Echo[®] Bi-Metric[®] Full Length High Offset stem.

References

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2. McQuivey KS, Christopher ZK, Deckey DG, Mi L, Bingham JS, Spangehl MJ. Surgical Ergonomics and musculoskeletal pain in arthroplasty surgeons. J Arthroplasty 2021;36:3781e3787.e7. <https://doi.org/10.1016/j.arth.2021.06.026>.
3. Alqahtani SM, Alzahrani MM, Tanzer M. Adult reconstructive surgery — a high risk profession for work-related injuries. J Arthritis. 2016. <https://doi.org/10.1016/j.arth.2015.12.025>.
4. Data on File at Zimmer Biomet. Zimmer HAMMR Verification Test Report. DOC0179677. Pages 47-49. January 19, 2024.
5. Data on File at Zimmer Biomet. Zimmer HAMMR Verification Test Report. DOC0179677. Page 39. January 19, 2024.

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