

Stryker launches Insignia Hip Stem for total hip and hemiarthroplasty procedures in India

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Compatible with Stryker's Mako SmartRobotics utilising Total Hip 4.1 software



Stryker, a global leader in medical technologies, has announced the launch of its Insignia Hip Stem in India. Insignia is engineered to optimise patient fit and enable surgeon ease of implantation for total hip and hemiarthroplasty procedures.

It is compatible with Stryker's Mako SmartRobotics utilising Total Hip 4.1 software, which allows surgeons to use data from a 3D CT-based plan to capture each patient's unique anatomy.

Stryker utilised its proprietary Orthopaedics Modeling and Analytics (SOMA) database to analyse information from more than 1,300 patient CT images and develop a device that accurately replicates patient biomechanics for complete hip replacement procedures. SOMA allowed Stryker to design and test unique implant features to allow for an enhanced implant fit across various femoral morphologies.

Insignia offers a unique Tri-Stage Broach, Stryker's patent-pending and first instrument designed with SOMA technology. This unique broach features three different tooth geometries, as well as unique size-specific collar lengths and market-leading range of femoral offsets designed to provide enhanced fit and function across a broad range of femoral morphology. Further, Insignia's low-profile shoulder, short stem lengths and distal relief are engineered for ease of lateralization and insertion.

Aman Rishi, Vice President and General Manager, Stryker in India said, "With its compatibility with Mako SmartRobotics and design based on SOMA technology, Insignia delivers a truly personalized approach to hip replacement through patient-specific fit, function and flexibility, allowing surgeons to improve patient outcomes."

Stryker will be holding demonstrations in upcoming national conferences and events in India to showcase Insignia.