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New screw design for the evolutionary Affinis Inverse shoulder system

With two new metaglens variants, the Swiss orthopaedic specialist Mathys presents its proven Affinis Inverse shoulder system now with an optimised screw design. The key to this enhancement is a clever, uniform screw design with axial-stable lockable compression screws.

With over ten years of clinical use in reversed shoulder prosthetics, the Affinis Inverse shoulder system has proven itself thanks to its long-lasting, stable glenoid component. With its two new metaglens variants, the medical technology company Mathys has now brought a targeted enhancement to its tried-and-tested system. The evolutionary concept adds to the benefits of the stable, compact metaglens-glenosphere connection with an optimised screw design featuring compression screws. In addition, these can be made axial-stable with the baseplate using locking caps.

Two metaglens options for different applications

As a standard solution for primary care, the shoulder system is available in the two-peg version Metaglens DP (Double Peg). In this metaglens variant, inlay screw notching is eliminated thanks to a two-peg design with no inferior screw. Moreover, the two A/P screws can be positioned more centrally and convergent, providing good anchoring in the bone substance. Once screwed in, the superior screw is locked to the baseplate with angular stability.

For more options in the treatment of larger defects, deformities or revision cases, Mathys offers the Metaglens CP (Central Peg) version, with one strong, central press-fit peg. The CP variant is based on the same screw design as the DP variant, and all screws are compression screws. Once screwed in, a locking cap also ensures final, axial-stable locking in both superior and inferior areas.

This evolutionary enhancement of the proven Affinis Inverse system from Mathys underscores its extensive expertise in the area of shoulder prosthetics. The Swiss medical technology company covers a wide range of indications with its shoulder portfolio and offers uncompromising quality of systematic solutions for orthopaedic challenges.

If you have any questions, please contact:

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About Mathys Ltd Bettlach

The Swiss orthopaedic company was established in 1946 and can look back on 60 years' experience in the field of medical technology. Since 2003, Mathys has been wholly devoted to the development, manufacture and sale of joint replacement products. The majority of products are made in Switzerland, with some manufacturing in Germany. The company's range includes implants for hips, knees and shoulders as well as synthetic bone substitute material. Mathys entered the field of sports orthopaedics in 2013.

The company has 11 subsidiaries in Germany, France, Belgium, UK, Netherlands, Italy, Japan, Austria, Australia, New Zealand and Switzerland, and is wholly owned by the Mathys and Marzo families.