# SIGNUS USA® Celebrates Successful American Debut Showcasing Flagship German Spine Technology

NEW YORK CITY, NY, UNITED STATES, September 15, 2026 / EINPresswire.com/ -- SIGNUS USA today announced the successful completion of the first implantation in the United States of the COSY Cervicothoracic-Occipital Rod-Screw Spine Implant System performed by Dr. Sebastian Koga, Chief of Neurosurgery, Berkshire Health Systems, Massachusetts. This procedure marks the U.S. debut of the SIGNUS COSY system and bolsters the introduction of SIGNUS USA, a new U.S.-based company bringing advanced German spine technology and state-of-the-art engineering to the American spine community.



COSY - Modular Cervicothoracic Occipital Screw-Rod System

The COSY System is a modern, modular posterior occipito-cervico-thoracic (OCT) fixation platform designed to support constructs from the occiput to the upper thoracic spine within a single system – including the cervicothoracic junction through dedicated transition rods.

A key strength of COSY is its freedom of anchor selection. Polyaxial, cervical pedicle, smooth-shank, and angled screws (Ø 3.5–4.5 mm) allow surgeons to combine lateral mass, pedicle, C2 pars, and translaminar trajectories within a single construct, adapting fixation to the individual anatomy and surgical requirements. Low-profile, cannulated screw heads with up to 70° of angulation support K-wire-verified trajectory

control and facilitate navigated and tissue-preserving techniques. For complex anatomy and intraoperative flexibility, the system is complemented by occipital plates and rods, cross and offset connectors, as well as atlas hook options, providing a broad range of construct possibilities within one modular platform.

When a construct needs to extend further caudally, COSY can be seamlessly combined with DIPLOMAT®, SIGNUS' modular posterior thoracolumbar fixation system. DIPLOMAT has been established in the U.S. market for more than a decade and has continuously evolved through product enhancements addressing specific market and surgical needs.

"We are pleased to offer our patients access to new, evidence-driven options," said Dr. Sebastian Koga, who led the first U.S. COSY implantation. "The COSY system's design and instrumentation support a streamlined, tissue-preserving approach. Early clinical outcomes for this first case are encouraging, and I look forward to evaluating longer-term patient benefit as we integrate this technology into our practice."

For more information about SIGNUS USA and its products, visit www.signus.com/us.

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