

New Stereotactic Neurological Surgery Robot



According to the company's product brochure, ROSA™ is the first multi-application robotic assistant for neurosurgery offering:

- Intuitive and powerful planning capabilities
- Surgeon oriented ergonomics
- Precise and dexterous instrument guidance
- Haptic collaboration with surgeon.

ROSA™ features cutting-edge proprietary technologies including Free-Hand Navigation®, complex instrument manipulation and the innovative Markerless Automatic Registration®.

ROSA™ assists surgeons in a broad range of indications such as Parkinson and Epilepsy treatments, tumor surgery and endoscopy procedures. The main benefits of using ROSA™ are:

- Streamlined treatment delivery
- Shorter operating time
- Reduced invasiveness for the patient
- Consistent surgical outcomes
- Traceability of interventions.

[Video ROSA 2011 Stereotactic Surgery](#) [1] by [medtechsurgical](#) [2]

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<http://www.surgicalproductsmag.com/videos/2011/06/new-stereotactic-neurological->

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[surgery-robot?qt-recent_content=0](#)

Links:

[1] http://www.dailymotion.com/video/xgrvm7_video-rosa-2011-stereotactic-surgery_tech

[2] <http://www.dailymotion.com/medtechsurgical>