Leksell Stereotactic System

- A propensity score-matched analysis of stereotactic radiotherapy for metastatic brain tumors using the Leksell Gamma Knife Icon Mask system: a single-center retrospective comparative study of cases meeting and not meeting the JLGK0901 Criteria
- Optimizing gamma knife radiosurgery for cerebral cavernous malformation: Analysis of 54 patients treated at our university center
- Mask-based vs. frame-based stereotactic radiosurgery: A systematic review
- Advanced External Beam Stereotactic Radiotherapy for Skull Base Reirradiation
- Technical Assessment of the Targeting Accuracy of Stereotactic Frames
- Posterior Fossa Stereotactic Biopsy with Leksell Vantage Frame-Case Series and Review of Literature
- Evaluation of feasibility accuracy and safety after 79 O-ARM based stereotactic brain biopsies
- A General Framework for Characterizing Inaccuracy in Stereotactic Systems

Leksell Stereotactic System® is a system for very precise intracranial neurosurgery. Exceptional imaging, high platform rigidity, and ease of use ensure that critical accuracy requirements are met for this surgical discipline.

The system is also a choice for biopsies, in which accuracy and flexibility are required for fast, cost-efficient procedures.

Designed for easy, versatile, and fast operation, the Leksell Stereotactic System includes Leksell stereotactic frame and Leksell® Multipurpose Stereotactic Arc. The system uses x, y, and z coordinates to stereotactically localize any point in 3D space. The arc employs the center-of-arc principle for encompassing the surgical target in three dimensions, enabling full access to any intracranial area. In addition, this principle enables limitless trajectories and entry points to be used.