Preface

Intracranial Stereotactic Radiosurgery

The practice of medicine is marked by transformative changes that push forward its science in the hope of improving patient outcomes. Over the past 60 years, stereotactic radiosurgery (SRS) has evolved from a concept, to an investigatory procedure, before becoming an accepted treatment option for benign or malignant tumors, vascular malformations, and functional disorders. Furthermore, SRS has grown from a single-fraction technique for intracranial pathologic abnormalities to now include multisession SRS and extracranial indications. Radiosurgery is now a mandatory component of postgraduate education for both neurologic surgeons and radiation oncologists. Without exaggeration, SRS should be considered one of the most significant advances in these fields over the past half-century.

The goal of this issue of *Neurosurgery Clinics of North America* is to provide a succinct but complete review of contemporary intracranial SRS. The authors of each article are recognized for their expertise and include neurosurgeons and radiation oncologists from around the world. Each article is clinically focused and devoted to a single topic or pathologic condition. It is hoped that this issue will be worthwhile not only for neurologic surgeons and radiation oncologists but also for a wide range of physicians and physicians-in-training across multiple disciplines who care for patients with neurologic diseases.

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