INTRODUCTION TO VOLUME 1, ISSUE 5

EPILEPSY

Topic Editors: Howard M. Eisenberg, M.D., and Gregory Bergey, M.D.

The number of neurosurgical centers participating in epilepsy surgery has increased significantly over the past decade. There has been an expanding interest in identification and localization of foci, indications for surgery, and technical enhancements of operations. The five papers collected in this issue of **Neurosurgical Focus** directly address these issues. Two papers focus specifically on pediatric cases: one reevaluating traditional indications for surgery and the other proposing a technique for minimizing exposure of the ventricular system during functional hemispherectomy. A third paper explores the relationship between measured changes in surface blood flow in the temporal lobe and the timing of an epileptic event as a method for defining the focus. The final two papers report on surgical approaches and devices aimed at improving seizure surgery: one aims to facilitate the removal of mesiotemporal lesions and the other suggests an alternative to the standard plugs currently used to secure depth electrodes.