

**1999-2000
SUMMARY OF SCHOLARLY ACTIVITIES
DEPARTMENT OF NEUROSURGERY**

I. ARTICLES PUBLISHED IN BOOKS AND JOURNALS.

A. Full length published articles.

K. Sauter. Percutaneous Subdural Tapping and Subdural Peritoneal Drainage for the Treatment of Subdural Hematoma. Neurosurg. Clin. N. Am., pp. 519-524 (2000).

B. Articles in press.

None.

II. PUBLISHED ABSTRACTS.

None.

III. BOOKS PUBLISHED.

None.

IV. PRESENTATIONS.

None.

V. NATIONAL PROFESSIONAL RECOGNITION.

None.

VI. BRIEF SUMMARY OF DEPARTMENTAL ACTIVITIES AND PROGRESS.

The Department of Neurological Surgery continues to treat pediatric patients at USA Women's and Children's Hospital with mostly shunt problems, pediatric spinal problems and pediatric head injury. Dr. Eric Weber has now performed several stereotactic ablative procedures for Parkinson's Disease with excellent success and plans to continue this program along with investigation of stereotactic implantation of stimulating electrodes in the thalamus and subthalamus structures of movement disorders.

Dr. Eugene Quindlen, along with Dr. Janes Boggs in Neurology, has successfully initiated a Vagal Nerve Stimulation program for epilepsy. This is a new procedure which has produced significant improvements for seizure patients who have been unresponsive to medications or require large amounts of medications. Further support of this program continues.

Dr. Kent Sauter has been improving the spinal cord injury service at the University Hospital. He has advanced our capability in providing spinal fixation and decompression for patients with difficult spinal problems.

The Department continues to participate in the graduate education in the College of Medicine, giving lectures in Neuroanatomy and Neuropathology, and Neurophysiology. The fourth-year clinical clerkship continues to be a main, ongoing teaching function.