November 2013
Gamma Knife – 10th Anniversary

• Gamma Knife surgery is a procedure which employs very high-dose radiation precisely aimed at a target within the skull, minimizing any possible effects on surrounding nervous system structures. In Winnipeg we have used this procedure, known as Stereotactic Radiosurgery, to treat patients with benign brain tumors, malignant brain tumors, brain arteriovenous malformations, and trigeminal neuralgia.

• The First Gamma knife in Canada was installed here at HSC!
  First model: Gamma Knife model C
  Second model: Gamma Knife Perfexion

• The first Gamma Knife treatment at HSC was on November 3, 2003.

• Because it was the first and only Gamma Knife in Canada, the HSC annual report for 2003/2004 noted that “Manitobans have first access to treatment, however, by modifying our schedule, we are able to slot in additional cases from other provinces [and territories]. These cases result in an inflow of funds from other health care programs, helping to defray the initial investment in this technology.” (page 7)

• Total number of patients treated in the past decade: 2,333
  Number of patients from Manitoba . . . . . . . . 1,616
  Number of patients from out-of-Province . . . . 717

• 2013 also marks the 101st anniversary of the arrival of Dr. Oliver Sayles Waugh, the surgeon who made Neurosurgery a specialty at Winnipeg General Hospital (now part of HSC Winnipeg).

Staff

Neurosurgeons: . . . . . . Dr. M. West
Dr. A. Kaufmann
Dr. D. Fewer
Dr. P. McDonald

Radiation Oncologist: . Dr. G. Schroeder
Dr. J. Butler
Dr. H. Quon

Physicists: . . . . . . . . Dr. Anita Berndt
James Beck
Charles Schroeder

Manager of Pt Care: . . Wendy McDiarmid

Patient Coordinator: . . Andrea Kinnear

Nurses: . . . . . . . . . . Olive Cotroneo
Michelle Terrio
Karen Rodgers