Boston Children's Hospital

DEPARTMENT OF NEUROSURGERY

Records, 1929 - 1999

Archival Collection - AC 13

Boston Children's Hospital Archives

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Accession number: 07-001
3 card file cabinets
1 oversize box
15 record center cartons
7 document cases
1 camera tripod

Processed: Dec. 2006
By: Sheila Spalding

ACQUISITION: The majority of records were picked up from the Department of Neurosurgery Library by the Hospital Archivist in December of 2006. Sandra Rufo facilitated the donation.

ACCESS: Records in this collection are restricted until 20 years from the date of creation. Records containing patient information are restricted, according to HIPAA regulations. Films and Audio tapes are in need of reformatting before they can be accessed. Please consult the Hospital Archivist for further information.

COPYRIGHT: Request for permission to publish material from the collection should be discussed with the Hospital Archivist.

PROCESSING: This collection was processed at the folder level. One box of photographs and 17 films were separated and filed with the photograph and film collections, respectively.

SCOPE AND CONTENT NOTE: The Department of Neurosurgery Records are arranged into seven series. Series I, II, IV and V contain patient information and are restricted accordingly. Series I, *Operative Notes,* spans from 1948 -1995 and contains detailed records of operations performed by the department, which include pre and post operative diagnosis, the operation performed, the surgeon and assistants for the operation, the anesthesia used, indications of the procedure and the procedure. Series II, Neurosurgical Service Records, spans from 1950-1992 and contains records of the weekly meetings held between doctors at Children's Hospital Medical Center and Peter Bent Brigham Hospital, pertaining to cases of patients, as well as records pertaining to establishing the Donald Matson Library. Series III, Publications, 1929-1999, contains department reports and publications authored by doctors in the department. Series IV, Visual Materials, contains film footage of operations, photographs and glass lantern slides. Series V, Educational Materials, is a card file system of case studies organized by disease and spanning from the 1930s to the 1980s. Series VI, Artifacts, contains artifacts used by Dr. Franc Ingraham of the Department of Neurosurgery. Seriee VII, Illustrations, consists of Mildred Codding's published and unpublished illustrations produced for the *Atlas of Pediatric*

Neurosurgical Operations.

HISTORICAL NOTE: The Children's Hospital Boston (CHB) Department of Neurosurgery, the oldest pediatric neurosurgery department in the United States is considered to be the birthplace of pediatric neurosurgery as a specialty. It dates back to 1929, when Dr. Franc Ingraham started the Neurological service at CHB. In the 1920s, CHB patients with brain tumors were operated on by Dr. Harvey Cushing at Peter Bent Brigham Hospital (PBBH) and transferred back to CHB. Dr. Cushing noted that the number of pediatric brain tumors he was operating on was sufficient enough to warrant starting a service at CHB, so he encouraged his trainee, Franc Ingraham to start one.

Dr. Ingraham had a following of fellows who worked in the laboratory or clinic. Dr. Donald Matson, who started as surgical intern at the Peter Bent Brigham Hospital, was one of them. When World War II took Matson and many others abroad, Dr. Ingraham assumed the neurosurgical responsibilities at the Peter Bent Brigham Hospital as well as the Children's Hospital. This began a tradition of the Neurosurgical Service as a unified group of attending neurosurgeons at the two hospitals. After the war ended, Dr. Matson returned to Boston and was invited to return to the Brigham. Dr. Matson distinguished himself as one of the leading experts of American neurosurgery in both adult and pediatric neurosurgery. Ingraham and Matson were joined by Dr. John Shillito, who started as a surgical intern at the Peter Bent Brigham Hospital in 1952 and after a year in Memphis with Dr. Francis Murphy returned to join the staff. Dr. Ingraham retired as Chief of Neurosurgery in 1964. A year later he died. In his memory, the Franc D. Ingraham Professorship of Neurosurgery was established at the Harvard Medical School. Dr. Donald Matson was appointed the first Franc D. Ingraham Professor of Neurosurgery in 1968. He died in 1970.

Today, the Department of Neurosurgery provides both inpatient and outpatient services. Members of the department collaborate with other departments throughout the hospital on multidisciplinary programs in pediatric brain tumors, epilepsy, skull base and craniofacial disorders, and congenital disorders of the head and neck. The department's outpatient programs provide services to patients in the Pediatric Brain Tumor Clinic at Dana-Farber Cancer Institute, and the Myelodysplasia and Neurosurgical programs at Children's Hospital.

The department has a very active training program. It offers residency training through the Harvard Medical School Neurosurgical Training Program, a seven-year neurosurgical residency offered in conjunction with Brigham and Women's Hospital. Each year, the department also offers the Shillito Fellowship in Pediatric Neurosurgery. This one-year fellowship offers intensive training in clinical and operative handling of pediatric neurosurgical problems. In addition, the department does occasionally offer a second year of fellowship training for those interested in receiving a concentration in laboratory research.

Source: Brigham and Women's Department of Neurosurgery Web page

BOX LIST:

Box	Sub-series	
		SERIES I: Operative Notes, 1948 -1995
1		Donald D. Matson, 1948 - 1968
2		Donald D. Matson, 1961 - 1969
3		John Shillito, jr. 1956 - 1967
4		John Shillito, jr. 1968 - 1976
5		John Shillito, jr. 1977 - 1983
6		John Shillito, jr. 1984 - 1989
7		John Shillito, jr. 1990 – 1995; includes notes from PBBH 1952 – 1957; Lemual Shattuck 1966; Beverly 1966
		SERIES II: Neurosurgical Service Records, 1950-1992
8	1	Neurosurgical Statistics, 1950-1987
	2	Service Meeting Minutes, 1977-1979
9	1	Service Meeting Minutes, 1980-1991
	2	Monthly Time Books for the Department Neurosurgery, 1950 -1959
	3	Neurosurgical Service Administrative Notes, 1968-1969
	4	Shillito, John J., List of Publications, 1957-1989
	5	Shillito, John J., Reprint Files, 1975 -1992
10	1	Matson, Donald D. Biographical Information (CV, Scrapbook)
	2	Matson Library Materials (inventory, correspondence, notes on establishment)
	3	Matson Memorial Lecture, 1969 - 1970
	4	Franc Ingraham Fund Materials (Biographical information, correspondence, press releases, memorial minute)
	5	Neckties –Astrocytes; Harvale Company
	6	Matson, Donald D. Biographical Information (CV, Scrapbook)
		SERIES III: Publications, 1929-1999

Box	Sub-series	
10	7	Annual Reports, 1996-1999
10	8	Brain Waves, 1997-1999
	9	Neurosurgery at Children's Hospital, Brigham and Women's Hospital and Harvard Medical School, 1913-1993
11	1	Donald D. Matson Publications, 1950-1972
	2	Neurosurgical Service Publications, 1929 -1973
12	1	Presentations: Neurosurgical Surgeons May 16, 1942
	2	Presentations: Subdural Hematoma in Infancy, 1944
		SERIES IV: Visual Materials
13		*Films of Operations, circa 1950- 1960s (16 mm; removed to film collection)*
		Post Fosa Surgery, undated
		Meningocele, undated
		Spinal Cord Tumor, undated
		Diastematomyelia, undated
		Subdural Tap and Craniotomy, undated
		Subdural Closure and F J, undated
		Cerebellar Astrocytoma, undated
		Pendunculotomy, 1951
		Physical Handicap/Cerebral Palsy, undated
		Mental Deficiency/ Cerebral Palsy, undated
		Normal Motor, Child & Cerebral Palsy, undated
		Craniosynostosis, undated
		V-C Shunt and 4th Vent, undated
		Hemispherectomy, undated
		L 4, 5 Disc, 1951
		Hydrocephalus, undated
		Sciatic, undated
		Tractotomy, undated
		Gary Condon, undated
		AudioTapes (removed to audio collection)
		Management of Spontaneous Intracranial Hemorrhage, 1964
14		John Shillito, Slides of Patients

Box	Sub-series	
15		Glass Lantern Slides
		SERIES V: Educational Materials
16	1	*Congenital Anomalies: Craniosynosis*
	2	*Congenital Anomalies: Arachnoid Cyst*
	3	*Congenital Anomalies: Arnold Chiari Malformation*
	4	*Congenital Anomalies: Congenital Anomaly of Scalp and Skull*
	5	*Congenital Dermal Sinus*
	6	*Congenital Anomalies: Diastematomyelia*
	7	*Encephalocele*
	8	*Congenital Anomalies: Meningocele and Myelomeningocele*
	9	*Congenital Anomalies: Neurofibromatosis*
	10	*Congenital Anomalies: Platybasia*
	11	*Congenital Anomalies: Porencephaly*
	12	*Congenital Anomalies: Spina Bifida Occulta*
	13	*Congenital Anomalies: Spondlolisthesis*
	14	*Congenital Anomalies: Miscellaneous*
	15	*Hydrocephalus*
17	1	*Hypophysectomy*
	2	*Pain Surgery*
	3	*Vascular Malformations: Arterial Aneurysms*
	4	*Vascular Malformations: A-V Malformation*
	5	*Vascular Malformations: Carotid Arteritis*
17	6	*Vascular Malformations: Cerebro-vascular Thrombosis*
	7	*Vascular Malformations: Middle Cerebral Thrombosis*
	8	*Vascular Malformations: Venous Malformation*
	9	*Vascular Malformations: Sturge-Weber Syndrome*
	10	*Anatomy*
	11	*Embryology*
	12	*Charts*
	13	*Technique: Equipment*
	14	*X-rays*

Box	Sub-series	
	15	*Miscellaneous: Achondroplasia*
	16	*Miscellaneous: Hydromyelia*
	17	*Miscellaneous: Patients*
	18	*Teaching*
	19	*Manuscripts*
	20	*Epilepsy*
	21	*Infections: Brain Abscess*
	22	*Infections: Subdural Effusion with Meningitis*
	23	*Infections: Miscellaneous*
	24	*Lead Encephalopathy*
	25	*Trauma: Cephalhematoma*
	26	*Trauma: Closed Head Injury*
	27	*Trauma: Cranial and Peripheral Nerve Injuries*
	28	*Trauma: Extradural Hematoma*
	29	*Trauma: Herniated Disc*
	30	*Trauma: Leptomeningeal Cyst*
	31	*Trauma: Miscellaneous*
	32	*Trauma: Skull Fractures*
	33	*Trauma: Spinal Cord Injuries and Discs*
	34	*Trauma: Subdural Hematoma*
	35	*Trauma: Trauma "X"*
	36	*CVA*
18	1	*Intracranial Tumors: Acoustic Neuroma*
	2	*Intracranial Tumors: Astrocytoma*
	3	*Intracranial Tumors: Cholesteatoma*
	4	*Intracranial Tumors: Choroid Plexus Tumors*
	5	*Intracranial Tumors: Colloid Cyst*
	6	*Intracranial Tumors: Dermoid Cyst*
	7	*Intracranial Tumors: Ependymoma*
	8	*Intracranial Tumors: Fibrosarcoma*
	9	*Intracranial Tumors: Glioblastoma Multiforme*

Box	Sub-series	
	10	*Intracranial Tumors: Glioma of the Brain Stem*
	11	*Intracranial Tumors: Glioma- Mixed*
	12	*Intracranial Tumors: Glioma of the Optic Nerve*
	13	*Intracranial Tumors: Hemangioblastoma*
	14	*Intracranial Tumors: Lymphosarcoma*
	15	*Intracranial Tumors: Medulloblastoma*
	16	*Intracranial Tumors: Melanoma*
	17	*Intracranial Tumors: Meningioma*
	18	*Intracranial Tumors: Matastic Tumors*
	19	*Intracranial Tumors: Neuroblastoma*
	20	*Intracranial Tumors: Oligodendroglioma*
	21	*Intracranial Tumors: Pseudo Tumor Cerebri (benign intracranial hypertension)*
	22	*Intracranial Tumors: Teratoma*
	23	*Intracranial Tumors: Brain Tumor Suspect*
	24	*Intracranial Tumors: Miscellaneous Brain Tumor*
	25	*Intracranial Tumors: Charts-B.T.'s*
	26	*Intracranial Tumors: Craniopharyngloma*
	27	*Intraspinal Tumors: Neurenteric Cyst*
	28	*Orbital Tumors*
	29	*Skull and Scalp Tumors*
19		*Card file Bibliography by Disease, 1940-1950s;* *Patient Index by Disease, circa 1940-1971*
20		*Patient Index for Spina Bifida, Meningoceles & Hydrocephalus, 1930-1970*
		SERIES VI: Artifacts
22		*Medical Instruments and Harvey Cushing Society Gavels belonging to D Ingraham and Shillito*
23		*Syringes*
25		*Oak Camera Tripod, circa 1900*
26		*Dr. Ingraham's Medical Instrument Box, circa 1940s*
		SERIES VII: Illustrations, 1960s-1980s
27		*Mildred Codding's Unpublished Illustrations*
28		*Mildred Codding's Published Illustrations (Atlas of Pediatric Neurosurgic*

Box	Sub-series
	Operations