CATEGORt A - NEUROANATOMY

The Structure of:

01 Embryology
02 Cerebrum
03 Cerebellum
04 Basal Ganglia
05 Thalamus
06 Hypothalamus & Pituitary
07 Brain Stem
08 Cranial Nerves
09 Spinal Cord
10 Nerve Root
11 Plexi
12 Peripheral Nerve
13 Muscle & Peripheral Receptor
14 Vascular, Including BBB
15 Cytoarchitecture & Subcellular Anatomy
16 CSF Pathway
17 Skeletal (including skull)
18 Meninges
19 Autonomic
20 Other, Including Structures Related to the Nervous System

CATEGORt B - NEUROSCIENCES

01 Neurons & Axons
01.A Synapses
01.B Membrane Physiology
01.C Transmitters
01.D Genetics
02 Muscles
02.A muscle structure
02.B muscle function
03 Pharmacology
04 Functional Systems
04.A Motor
04.B Somatosensory
04.C Visual
04.D Auditory/vestibular
04.E Taste & smell
04.F Memory
04.G Emotional
04.H Language & other higher cognitive functions
04.I Pain
04.J Autonomic
05 Glia
05.A Function
05.B Cell biology
06 Cerebral Vascular System
06.A Vascular physiology
06.B Physiology of CBF
06.C Pathophysiology of CBF in SAH & Head Injury
06.D Blood-brain barrier
07 Responses to Injury
07.A Neurons
07.B Glia
07.C Injury cascades
08 Nervous System Development & Plasticity
08.A Brain
08.B Spinal cord
08.C Peripheral nerves
08.D Neurons
08.E Glia
08.F Stem Cell Biology
09 Cerebrospinal Fluid
09.A Anatomy
09.B Physiology
09.C Biochemistry
10 Spine
10.A Anatomy
10.B Bone physiology & molecular biology
10.C Response to injury
10.D Genetics
10.E Biomechanics
11 Cell & Viral Biology
11.A Control of cell fate
11.B Viral vectors
11.C Mechanisms of neoplasia
### CATEGORY C - NEUROPATHOLOGY

Lesions that are:
- 01 Developmental & Genetic
- 02 Vascular
- 03 Neoplastic
- 04 Traumatic
- 05 Infectious
- 06 Metabolic
- 07 Demyelinating
- 08 Degenerative
- 09 Neuromuscular
- 10 Toxic
- 11 Other

### CATEGORY D - NEUROIMAGING

Study by:
- 01 Radiography
- 02 Angiography
- 03 Myelography
- 04 Computed tomography
- 05 Magnetic resonance imaging
- 06 Radioisotope imaging
- 07 Ultrasonography
- 08 Positron emission tomography
- 09 Other

Implicit in each group in this category is distribution among cranial, spinal and extremity studies, as well as infections, trauma, tumors and vascular lesions in the major categories like CT scans, angiograms, myelograms and radiographs.

### CATEGORY E - CLINICAL NEUROLOGY

- 01 Epilepsy
- 02 Demyelinating
- 03 Degenerative
- 04 Behavioral
- 05 Developmental
- 06 Infection
- 07 Metabolic
- 08 Endocrine
- 09 Electrical Studies, including EMG, NCV, & EEG, etc.
- 10 Muscle & Nerve
- 11 Pain
- 12 Pharmacology
- 13 Toxic
- 14 Neuro-ophthalmology

### CATEGORY F - NEUROSURGERY

- 01 Cranial - Infection
- 02 Cranial - Congenital
- 03 Cranial - Trauma
- 04 Cranial - Tumor
- 05 Cranial - Vascular
- 06 Cranial - Other
- 07 Extracranial Vascular
- 08 Spinal - Congenital
- 09 Spinal - Degenerative
- 10 Spinal - Infection
- 11 Spinal - Trauma
- 12 Spinal - Tumor
- 13 Spinal - Vascular
- 14 Spinal – Biomechanics
- 15 Spinal - Deformity
- 16 Spine - Other
- 17 Complications - Cranial & Spinal
- 18 Cranial Nerves
- 19 Peripheral Nerve
- 20 Pain
- 21 Endocrine
- 22 Surgical Technique
- 23 Autonomic
- 24 Pharmacology
- 25 Movement Disorders
- 26 Radiosurgery
- 27 Endovascular
- 28 Surgical Epilepsy
- 29 Other
CATEGORY G - FUNDAMENTAL CLINICAL SKILLS/CRITICAL CARE

01 Fluid & Electrolytes
02 Shock
03 Cardiovascular
04 Multiple Trauma
05 Hematology & Coagulopathies
06 Nutrition
07 Pulmonary
08 Endocrine
09 Gastrointestinal
10 Genito-urinary
11 Pharmacologic
12 Infection & Immunologic
13 Toxicology
14 Wound Healing
15 Anesthesia
16 Cerebral Metabolism
17 Other

CATEGORY H - CORE COMPETENCIES

01 Medical Knowledge
02 Patient Care
03 Interpersonal Skills and Communications
04 Professionalism
05 Practice Based Learning and Improvement
06 Systems Based Practice
07 Medical Errors & Safety
08 Ethical and Legal
09 Administrative
10 Other