

4. Clinical Experience:

Sponsoring Institution's Clinical Experience

As an international body, ICPNT recognizes clinical experience in operative neuroanesthesia, critical care, and neuroradiology is dependent on the surgical procedures performed and customary clinical management. The goal is not only to learn regional customary practices, but to assess the volume and diversity present in the sponsoring institution. This includes anesthetic management for neurosurgical and neurologically impaired patients as well as neurocritical care, neuroradiology and intraoperative neuromonitoring practices.

Benefits of this exercise include the ability to identify centers of excellence for knowledge in clinical experience. Programs, faculty and fellows can seek collaboration in areas of research, training and advice. Use of the data for anything except program evaluation will require written consent from ICPNT program directors and other concerned parties per the ICPNT privacy policy.

Please enter estimates of the following clinical activities:

Adult Craniotomy

Supratentorial

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Type

Tumor

Vascular

Hemorrhage

Functional

Seizure Ablation

Stimulation Device

Surgical Technique

Awake

Deep Brain Electrode

Transphenoidal

Sitting

Posterior Fossa

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Type

Tumor

Vascular

Hemorrhage

Chiari Malformation

Location

Brainstem

Pontine Angle

Special Monitor

Brainstem Auditory Evoked Response

Motor or Sensory Evoked Potential

EMG

Traumatic Brain Injury

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Condition

Intracranial Hemorrhage

Intracranial Hypertension

Skull Fracture

Procedure

Decompressive Craniotomy

External Ventricular Drain (EVD)

Interventional Clot Lysis or Thrombectomy for Stroke

Miscellaneous Procedures

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Seizure

Vagal Nerve Stimulator

Seizure Focus Resection

Pain

Cordotomy or Rhizotomy

Microvascular Decompression

Implantable Devices

Pain Management Brain

Pain Management Spine

Shunt

CSF Diversion

Adult Spine

Spinal Cord/Nerve

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Type

Acute Injury/Trauma

Vascular

Tumor

Myelocele

Nerve

Structural Spine Stenosis

Structural Spine

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Position

Anterior

Posterior

Both

Location

Cervical

Thoracic

Lumbar

Combination

Number of Levels

Less than 3

3 to 6

More than 6

Instrumentation

Minimally Invasive Surgery

Rods and/or Cages

Trauma/Fracture/Disruption

Tumor-Primary/Metastatic

Spinal Degenerative Disease

Intraoperative Neuromonitoring Experience

Total performed in the most recent 12 month period at all clinical locations. (Range selection for answers)

Types of Tests

Evoked Potentials

Motor

Sensory

Auditory

EMG

Cranial Motor Nerves

Peripheral Nerve

EEG

Unprocessed

Processed

Non Electronic

Wake Up Test

Fellow Participation in Neuromonitoring

Total performed in the most recent 12 month period at all clinical locations.

Direct Participation in Procedure

Observation

During Anesthesia Care

Rotation Available

Neuroradiology

Endovascular Procedures

Vascular Lesion Procedures

Aneurysm

Arteriovenous Malformation Embolization

Acute IschemicStroke

Tumor Embolization

Tumor Embolization

Spinal Cord Vascular Procedures

Spinal Cord Vascular Procedures
Vertebroplasty

Education for Interpretation of MRI, CT, Arteriogram

Fellow Responsibilities for Radiology Procedures

Direct Participation in Interventional Procedure

Observation

During Anesthesia Care

Rotation Available

Neurointensive Critical Care Facilities

Number of Beds

Percent Occupancy for Year

Patient Medical Conditions (estimated number of cases annually)

Intracranial-Elective

Intracranial-Non-Trauma Neurosurgical

Intracranial-Trauma

Spine-Non-Trauma Neurosurgical

Spine-Trauma

Medical Neurologic Disease

Fellow Responsibilities/Role in ICU

Direct Participation in Interventional Procedure

Observation Only

During Anesthesia Care

Rotation Available

Pediatric Opportunities

Anesthesia for Neurologic Disorders

Total performed in the most recent 12 month period at all clinical locations.

Types

Craniosynostosis

Epilepsy Surgery

Hydrocephalous

Neural Tube Disorders

Spinal Cord Tumors

Traumatic Brain/Spine Injury

Vascular Abnormalities

Tumor

Surgery for Spine Deformity

Types

Adolescent Scoliosis

Muscular Dystrophy Spine