Log Book

For

Residency Training Program

MS (Neurosurgery)

Phase A two years

Phase B three years

Department of Neurosurgery

Bangabandhu Sheikh Mujib Medical University

Shahbag, Dhaka 1000, Bangladesh

Contents

Contents

Publication of paper/papers

List of Major procedure

List of Minor Procedure

Summary records of Phase B

Thesis title

Summary records of PAY 1

Summary records of PAY 2

Certificate of Accuracy phase A

Summary records of PBY 1

Summary records of PBY 2

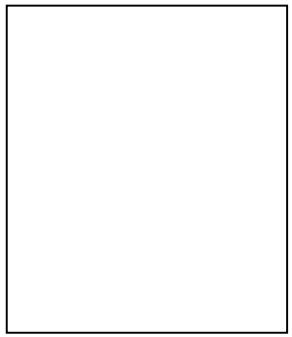
Summary records of PBY 3

Certificate of Accuracy phase B

Completion certificate

Certificate of eligibility for final examination

PARTICULARS OF THE STUDENTS



NAME OF THE STUDENT :

FATHER'S NAME :

MOTHER'S NAME :

ADDRESS OF THE STUDENTS :

PRESENT

PERMANENT :

DATE OF BRITH :

ACADEMIC QUALIFICATION :

REG. NO IN BMDC :

COURSE :

SESSION :

Faculty
Department of Neurosurgery

Professors (Unit Heads)

Name	Affiliation to the course	Unit	Signature

Associate professors (Unit Heads)

Name	Affiliation to the course	Unit	Signature

Assistant Professors

Name	Affiliation to the course	Unit	Signature

Signature of the Chairman **Signature of the Course coordinator**

Faculty
Surrogate department

Name	Designation	Discipline	Signature

Instructions to Students

1. This log book has to be maintained by all students preparing for final part of MS Neurosurgery

2. Students are advised to make the required entries on the same day of the event. All entries must be signed by the immediate supervisor on the day of the event.

3. The students are required to maintain the log book throughout the training period.

4. The log book will form a part of the application for appearing in MS Neurosurgery examination.

5. Students have to apply for their thesis topic within three months of joining the department
6. Within one week of joining the department, the students will receive an orientation and introduction and they will be distributed to specific unit for a specific period and by rotation they will be placed in all the three units.

Guideline for Supervisors
(The Unit Heads will act as supervisors of the students)

1. The log book is a day to day record of the clinical and academic work done by the students.

2. Its purpose is to assess the overall training of the students and to determine deficiencies if any, so that they may be corrected.

3. Supervisors should ascertain that the entries in the log book are made soon after the procedure/seminar/case presentation is completed and then certify it by signing in the appropriate column.

4. The head of the unit shall authenticate the entries by signing the certificate. It is suggested that the heads of the unit check the log book at least once a month. So that they can spot any deficiencies or otherwise in the students (e.g. the trainee has not rotated through a sub-specialty which he/she should have)

5. The respective unit heads will check the log book on the completion of the course and will make a recommendation for the student to appear in the examination.

Objective

Phase A

Duration Two years

During the phase A the students will be

1.	Oriented about the neurosurgery department	03 month	Block 1
2.	Neuroemergency	03 months	Block 2
3.	Sent in rotations to surrogate departments		
	a. Neurology	03 months	Block 3
	b. Neuroimaging	01 month	
	c. Cardiology	01 month	Block 4
	d. Casualty & Emergency	01 month	
	e. General Surgery	03 month	Block 5
	f. Orthopaedics	01 month	
	g. Anesthesiology	01 month	Block 6
	h. ICU	01 month	
	i. Neuroanatomy	01 month	
	j. Otolaryngology	01 month	Block 7
	k. Ophthalmology	01 month	
	l. Preparation for end of the year examination	03 months	

to learn necessary parts designated by the Neurosurgery department

Course Contents of Phase A

ORIENTATION

POMR
Writing investigation in proper forms
Ward round
Patient follow up and fresh order writing
Preparing patient for surgery
Counselling patients
Post operative room follow up
ICU follow up
Assessment tools for neurosurgery
Basics of neuroimaging

NEUROLOGY

Inflammatory disease of the brain and its coverings, meningitides, encephalitis, syphilis of the CNS

Circulatory disturbances and haemorrhages of the brain and coverings, clinical and aetiological aspects.

Extrapyramidal syndromes. Parkinsonism, Chorea, Athetosis, Dystonias.

Metabolic disorders and disturbances of lipid, proteins, carbohydrate, copper metabolism, leukodytrophies.

Neurophysiologic syndromes, speech disorders, dementia.

Degenerative and heredodegenerative spinal diseases. Motor neuron disease, Spinocerebellar ataxias.

Demyelinating diseases, disseminated sclerosis, acute disseminated encephalomyelitis, neuromyelitis optica, congenital demyelinating diseases.

Epilepsies – pathophysiology, aetiology, classification, diagnosis, treatment.

Course Contents of Phase A

Polyneuropathies, polyradiculities, Gullain-Barre syndrome, Hereditary motor and sensory neuropathies, metabolic, nutritional and toxic polyneuropathies.

Headache and facial pain – Headaches due to vasomotor disturbances, headache due to organic vascular disease, facial neuralgias.

Electrophysiological Studies: EEG, EMG, NSC, Evoked potentials.

CSF studies.

NEUROIMAGING

Interpretation of X-ray of Skull

Interpretation of X-ray of Spine

Interpretation of Chest X-ray

Special skull & Spine x-rays related to Neurosurgery

Basic mechanism of CT & MRI machine

Interpretation of CT scan of head

Interpretation of MRI of Brain

CARDIOLOGY

Basics of ECG
Management of a Cardiac emergency in OR
Cerebral Angiography

Course Contents of Phase A

CASUALTY & EMERGENCY

- Management technique of RTA
- Emergency assessment of an unconscious patient
- Emergency management of an unconscious patient
- Movement strategy of an unconscious/poly trauma patient.
- Management of a poly trauma patient

GENERAL SURGERY

- Basic principle of surgery
- POMR
- Making diagnosis in general surgery
- Examination of a lump
- Examination of Abdomen
- DRE
- Management of an acute abdomen
- Basic skills of surgery
  - Positioning a patient
  - Painting & Draping
  - Giving incision
  - Repairing a surgical wound
- Preparing patient for surgery
- Writing pre/post operative orders

ORTHOPAEDICS

- General management of orthopedic patient
- Management of poly trauma patient

Course Contents of Phase A

- Transport of poly trauma patient
- Nerve injury in orthopedic patient
- Rehabilitation in orthopedic patient
- Basic skill for primary management of long bone fracture

Basic skill for management of orthopedic emergency

ANESTHESIOLOGY

- Basics of anesthesia
- Basics of neuroanesthesia
- Pre anesthetic check up
- Intubation technique
- Extubation technique
- Maintanance of anesthesia

ICU

- Orientation of ICU equipments
- Knowing and handling a ventilator
- Interpretation of common terms
  - Control mode
  - SIMV, CPAP, PEEP, etc
- Skill of giving CVP line
- Skill of doing tracheostomy
- Skill of emergency intubation
- ICU patient monitoring
- ICU chart
- ICU patient assessment tools

Course Contents of Phase A

NEUROANATOMY

- Cortical Surface Anatomy
- Cadaver dissection
  - Brain Anatomy
  - Spinal Cord Anatomy
    - Spinal Tracts
    - Spinal cord Vasculature
  - Cerebrovascular anatomy
    - Vascular teritory
    - Cerebral arteries & branches
    - Cerebral venous system
  - Autonomic Nervous system
- The Internal Capsule
- The Limbic system
- The ventricular system
- he Pyramidal system

PHYSIOLOGY

- Fluid & Electrolyte balance
- Action potential
- Synaptic Transmission
- Neurotransmission
- Visual System
- Auditory system
- Somatic sensory system
- Spinal control of movement
- Brain control of movement
- Neuro physiologic monitoring
  - SEP, SSEP, ABR, VEP
  - EEG, NCV, EMG

Course Contents of Phase A

NEURO OTOLOGY

- Auditory Pathway
- Dizziness
- Meniers Disease
- BPPV
- Vertigo
- Headache related to ENT diseases
- Types of hearing disturbance
- Facial Nerve Palsy
- Anatomy – Internal auditory canal, CP angle

NEURO OPHTHALMOLOGY

- Visual Pathway
- Examination of eye
- Examination of visial acuity
- Examination of visual field
- Examination of fundus
- Interpreting papilledema
- Interpreting Nystagmus
- Alteration of pupilary diameter
- Assessment of raised intraocular pressure
- Extra ocular motor system

HISTOPATHOLOGY

- Basics of histopathology
- Basic staining methods of hispathology
- How to make a slide
- Examination of slides under microscope

Course Contents of Phase A

Histological features for
- Astrocytoma Low & highgrade
- Meningioma
- Pituitary adenoma
- Craniopharyngioma
- Medulloblastoma
- Chorroid plexus papilloma

Immunohistochemistry

Electron microscopy

Objective

Phase B

Duration Three years

During the Phase B, The students will work as full time resident in the department of Neurosurgery . After the completion of the phase They will be able to :

1. Initially assess the patients seeking advice for symptoms related to the

a. Obtaining Problem oriented medical history (POMR)

b. Performing physical examination correctly.

c. Formulating a working diagnosis.

d. Deciding whether the patient requires

- manage acute emergency if necessary
- ambulatory care or hospitalization
- referral to other specialty service

2. Manage patients requiring treatment by NS specialist :

a. Plan an enquiry strategy i. e. order appropriate investigations and interpret the results.

b. When required perform surgical procedures under supervision and competently.

c. Deal effectively and promptly with any complications, which occur during the course of disease.

d. When required arrange for rehabilitation of patients.

e. Maintain up to date records of patients.

Objective
Phase B

3. Undertake research and publish findings.
4. Acquire new information, assess its utility and make applications
5. Recognize the role of team work and function as an effective member/leader of the team.
6. Train paraprofessionals and other junior members of the team.

To attain these ability they will be assigned to do the following responsibilities under supervision:

1. Graded responsibility in patient care e. g.
    a. Ward duties
    b. Operation theatre duties
    c. Emergency duties
    d. OPD duties

2. Morbidity/Mortality review meetings Journal club
3. Seminars, conferences and lectures
4. Research projects.
5. Publications (at least one in any journal)
6. Thesis

Course content of Phase B

GENERAL NEUROSURGERY

- General Neurosurgical Care
  - ICU care
  - Fluid & Electrolite balance
  - Neuroanesthesia
  - Neuro pharmacology
- Neuro Radiology
  - Xrays, CT scan, MRI, MRA, 3D CTA, Conventional Angiogram
  - SPECT, PET

- Coma
  - Dx, & Management
  - Neurogenic pulmonary edema.
  - Herniation
    - Central
    - Uncal
  - Brain Death- Dx criteria
- Hydrocephalus
  - Types
  - Evaluation, Dx
  - Shunt Procedure
  - Shunt Problem
  - NPH
  - Blindness in HCP
  - HCP with pregnancy

Course content of Phase B

DEVELOPMENTAL ANOMALIES

- Normal Development of nerveous system
- Craniosynostosis
- Encephalocele
- Chiari malformation
- Dandy Walker malformation
- Aquiductal stenosis
- Neural tube defect
- Klippel Feil Syndrome
- Tethered cord syndrome
- Others

SPINE & SPINAL CORD

- Low Back Pian & Rediculopathy
- Intervertebral Disc Herniation
- Slpondylosis, Spondylo listhesis
- Spinal Canal Stenosis
- Spinal AVM
- Spinal Meningeal Cyst
- Syringomyelia
- Spinal epidural hematoma
- Spinal epidural abscess

SPINAL TUMORS

- Extra dural
- Intradural Extramedullary
- Intramedullary
- Metastatic
- Bone tumors

Course content of Phase B

SPINAL AVMs

- etioloogy
- Imaging Dx
- Management

BRAIN TUMORS

- WHO Classification
- General Information
- Primary Brain tumors
  - Astrocytoma
  - Oligodendroglioma
  - Ependymoma
  - Ganglioglioma
  - PNET
  - CNS Lymphoma
  - Meningioma
  - Acoustic Neurinoma
  - Epidermoid/ Dermoid
  - Pituitary Adenoma
  - Craniopharyngioma
  - Rathke’ss Cleft Cyst
  - Colloid Cyst
  - Haemangioblastoma
  - Chordoma
  - Paraganglioma

Course content of Phase B

- Pineal region Tumors
- Chorroid plexus Papilloma
- Miscelleneous primary brain tumors

Paediatric Brain tumors
- Infratentorial
  - Pilocytic astrocytoma
  - Medulloblastoma
  - Ependymoma
- Supratentorial
  - PNET
  - Benign astrocytoma
  - Others

Orbital Tumors
- Hemangioma
- Meningioma
- Optic nerve glioma
- Osteoma
- Etc

Skull Tumors

- Osteoma
- Hemangioma
- Epidermoid/Dermoid
- Eosinophilic Granulloma
- Others

Foramen Magnum Tumors

Course content of Phase B

- Neurocuteneous Diseases
  - Neurofibromatosis
  - Tuberous Sclerosis
  - Sturge Webers syndrome
- Empty Sella Syndrome
- Carcinomatous meningitis
- Pachy meningitis
- Tolosa Hunt Syndrome

- Secondary (Metastatic) Brain Tumors
  - Epidemiology
  - Imaging Dx
  - Management

VASCULAR NEUROSURGERY

- Vascular Anatomy
  - ICA, ACA, MCA, PCA
  - Circle of Wilis
  - Anterior circulation
  - Posterior circulation
  - Venous system
- Cerebral Aneurysm
  - etiology
  - Aneurysm by Types
    - A-com Aneurysm
    - P-Com Aneurysm
    - Carotid bifurcation
    - MCA

Course content of Phase B

- Ophthalmic segment
- Distal ACA
- Posterior circulation
- Basilar Top

Angiographic Dx (Conventional, 3D CTA, MRA)
Treatment options for aneurysm
Timimg of Aneurysm surgery
General consideration for aneurysm surgery
Unruptured Aneurysm
Multiple aneurysm
Familial Aneurysm
Micotic aneurysm
Giant aneurysm
Vein of Gallen aneuurysm

SAH

Gen. Consideration
Grading
Initial management
Vasospasm
- Definition
- Characterestics
- Pathogenesis
- Treatment

SAH of unknown origin
Non aneurysmal SAH

Course content of Phase B

Vascular Malformation
- AVM
  - Grading
  - Etiology
  - S/S
  - Dx, Management
- Venous angioma
- Cavernous angioma
- Dural AVF
- Carotido-cavernous fistula

STROKE

Occlusive CVD
- Risk factors
- S/S
- CT Dx, MRI Dx, SPECT, Diffusion MRI
- Infarction
- Management of TIA, RIND, DIND
  - Lacunar infarction
  - Cardiogenic brain embolism
- Embolysis
  - rTPA, Urokinase
- Asymptomatic Carotid stenosis
- CEA
- Emergency CEA
- Totally Occluded Carotid

Course content of Phase B

- Cerebral arterial dissection
- Carotid dissection
- Vertebro basilar dissection
- EC- IC bipass
- Verftebrfo basilar insuffiency
- Dural sinus thrombosis

Haemorrhagic
- Etiology
- S/S
- CT Dx, MRI
- Risk factor
- ICH in young adult
- ICH in new born

CNS INFECTION

General Information
- Antibiotics for specific organism
- Starting dose in neurosurgery
- CSF penetration of antibiotics

Meningitis
- S/S, Dx. Management

Shunt Infection
Wound infection
Osteomyelitis of skull
Cerebral abscess
Subdural empyema

Course content of Phase B

- Viral encephalitis
- CJD
- Parasitic infection of CNS
- Fungal Infection of \CNS
- Spine infection
  - Spinal epidural abscess
  - Tuberculosis

SEIZURE

- Classification
- Special types of seizure
  - New onset
  - Post traumatic
  - Alcohol withdrawal
  - Febrile seizure
- Anti epileptic drug

HEAD INJURY

- General Information
  - Transfer of head injured patient
  - E/R management
  - ICP monitoring
- Skull Fracture
  - Depressed fracture
  - Basal skull fracture
  - Cranio facial fracture

Course content of Phase B

- Fracture in pediatrics
- Extradural hemorrhage
- Subdural hemorrhage
    - Acute
    - Chronic
    - Sponteneous
    - Traumatic subdural hygroma
    - Extra axial fluid collection in children
    - Chronic subdural hemorrhage in children
- Diffuse axonal injury
- Out come of head trauma
- Gunshot wounds of head
- Penetrating head injury

SPINE INJURY

- Whiplash associated disorder
- Initial management of spinal injury
- Neurological assessment
- Spinal cord injury
    - Complete
    - Incomplete
- Cervical spine fracture
    - Atlanto occipital dislocation
    - A-A dislocation
    - C1 fracture
    - C2 Fracture

Course content of Phase B

- C2 body #
- Odontoid #

Spinal cord injury without radiological abnormality (SCIWORA)
Management of cervical spine fracture

Thoraco lumber spine #
Gunshot wound of spine

FUNCTIONAL NEUROSURGERY

- Parkinson's disease
- Spasticity
- Torticollis
- Neurovascular compression
- Hyperhydrosis

PAIN

- Causalgia
- Craniofacial Pain
- Post herpetic neuralgia
- Pain Procedure
  - Chordotomy
  - Commisural myelotomy
  - Spinal cord stimulation
  - DREZ lesion

Course content of Phase B

RADIATION THERAPY

- Conventional
  - Cranial
  - Spinal
    - Indication & Doses
- SRS
  - X- Knife, Gamma Knife
    - Indication, Patient selection, Method
- Stereotactic surgery
  - Brain Biopsy
  - ICH aspiration
  - Functional.

Rotation plan of the students

May be modified by the course coordinator of the parent department if necessary

Phase A
2 years

Departments	Duration	
	From	to
Neurosurgery (Orientation)		
Neuroemergency		
Neurology		
Neuroimaging		
Cardiology		
Casualty & Emergency		
General Surgery		
Orthopaedics		
Anaesthesiology		
ICU		
Neuroanatomy		
Neurophysiology		
Otolaryngology		
Ophthalmology		

Phase B

3 years

Trainees will be placed in the neurosurgery department in different units
And will work as junior-senior then chief residents. They will perform their activities nder supervision, take part in surgeries as assistants or do minor procedures and head injury cases under supervision

Records of the students
Phase A

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Lectures attended

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Orientation in Neurosurgery

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orientation in Neurosurgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orientation in Neurosurgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orientation in Neurosurgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orientation in Neurosurgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neuroemergency

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Neuroemergency

Surgery observed/ assisted

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Surgery observed/ assisted as 3rd assistant	Performance of the trainee	Signature of the supervisor

Neuroemergency

Surgery observed/ assisted

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Surgery observed/ assisted as 3rd assistant	Performance of the trainee	Signature of the supervisor

Neuroemergency

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neuroemergency

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neuroemergency

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurology

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Neurology

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Neurology

Neuro physiological investigations learned

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Type of Investigation	Performance of the trainee	Signature of the supervisor

Neurology

Neuro physiological investigations learned

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Type of Investigation	Performance of the trainee	Signature of the supervisor

Neuro imaging

X- rays/CT/ MRI

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Findings	Radiological diagnosis	Performance of the trainee	Signature of the supervisor

Neuro imaging

X- rays/CT/ MRI

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Findings	Radiological diagnosis	Performance of the trainee	Signature of the supervisor

Neuro imaging

X- rays/CT/ MRI

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Findings	Radiological diagnosis	Performance of the trainee	Signature of the supervisor

Cardiology

Cerebral Angiogram

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Findings	Angiographical diagnosis	Performance of the trainee	Signature of the supervisor

Cardiology

Cerebral Angiogram

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Findings	Angiographical diagnosis	Performance of the trainee	Signature of the supervisor

Cardiology

Neurointervention

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Intervention done	Post intervention condition analysis	Performance of the trainee	Signature of the supervisor

Cardiology

Neurointervention

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Intervention done	Post intervention condition analysis	Performance of the trainee	Signature of the supervisor

Casualty & Emergency

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Casualty & Emergency

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Casualty & Emergency

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Casualty & Emergency

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Casualty & Emergency

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

Cases examined

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

General Surgery

Basic Surgical skills

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

Basic Surgical skills

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

Basic Surgical skills

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

Basic Surgical skills

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

Basic Surgical skills

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

General Surgery

OPD attended

Block…… Supervisor……..

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

OPD attended

Block…… Supervisor……..

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

OPD attended

Block…… Supervisor……..

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

OPD attended

Block…… Supervisor……..

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

General Surgery

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Orthopedics

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orthopedics

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Orthopedics

OPD attended

Block…… Supervisor……..

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Orthopedics

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Orthopedics

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Anesthesiology

Anesthesia procedure attended

Block…… Supervisor……..

Sl	Date	Patient's name (age&sex)	Name of surgery	Type of anesthesia	Intubation & extubation time	Signature of the supervisor

Anesthesiology

Anesthesia procedure attended

Block…… Supervisor……..

Sl	Date	Patient's name (age&sex)	Name of surgery	Type of anesthesia	Intubation & extubation time	Signature of the supervisor

Anesthesiology

Anesthesia procedure attended

Block…… Supervisor……..

Sl	Date	Patient's name (age&sex)	Name of surgery	Type of anesthesia	Intubation & extubation time	Signature of the supervisor

ICU

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

ICU

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

ICU

Assessment of ICU patients

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex)	Diagnosis & reason for ICU stay	Assessment of the condition of the patient	Performance of the trainee	Signature of the supervisor

ICU

Assessment of ICU patients

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex)	Diagnosis & reason for ICU stay	Assessment of the condition of the patient	Performance of the trainee	Signature of the supervisor

ICU

Assessment of ICU patients

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex)	Diagnosis & reason for ICU stay	Assessment of the condition of the patient	Performance of the trainee	Signature of the supervisor

ICU

Procedures done

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Neuroanatomy

Dissection done

Block…… Supervisor……..

Sl	Date	Dissection area & findings	Performance of the trainee	Signature of the supervisor

Neuroanatomy

Dissection done

Block…… Supervisor……..

Sl	Date	Dissection area & findings	Performance of the trainee	Signature of the supervisor

Neuroanatomy

Lectures attended

Block…… Supervisor……..

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Neurophysiology

Neurophysiological investigations observed

Block…… Supervisor……..

Sl	Date	Type of investigation observed	Performance of the trainee	Signature of the supervisor

Neurophysiology

Lectures attended

Block…… Supervisor……..

DATE & TIME	TOPIC	NAME OF THE TEACHER	REMARKS

Otolaryngology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Otolaryngology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Otolaryngology

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Otolaryngology

Procedures done/ observed

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Otolaryngology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Ophthalmology

POMR

Block…… Supervisor……..

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Ophthalmology

Case presentation in clinical meetings, grand & ward round

Block…… Supervisor……..

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Ophthalmology

Procedures done/ observed

Block…… Supervisor……..

Sl	Date	Name of the patient with age& Sex	Diagnosis/ Indication	Procedure performed	Performance of the trainee	Signature of the supervisor

Summary of activities

Neurosurgery (Phase A)

Events	Performed				Performance status Satisfactory/ need to be completed	Signature of the course coordinator
Case Records (POMR)	**Block**	**Block**	**Block**	**Total**		
Procedures						
OPD attended						
Case presentation						
Journal club						
Presentation in seminar/ conference/ workshop						
surgeries assisted/ performed						
Lectures attended						

CERTIFICATE OF ACCURACY

I certify that the information contained in this logbook is true and accurate records of my training experiencees.

Signature of the Trainee

Date

CERTIFICATE OF COMPLETION OF PHASE A TRAINING

I hereby certify that

Dr. ……

Has satisfactorily completed the phase "A" training as required by the University

Signature
Name
Course coordinator
Department of Neurosurgery, BSMMU

Records of the students
Phase B

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)

POMR

Sl.	Date	Name of patient (Age & Sex)	Date of Admission with hospital Reg.	Diagnosis	Signature of the supervisor

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)
Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)

Procedures

Block……..

Supervisor……

Sl	Date	Patient's name (age & sex)	Diagnosis/ indication	Procedure performed	Performance of the trainee*	Signature of the supervisor

*** Observer – O, Assistant-A, performance under supervision- PS, performed independently- PI**

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

OPD attended

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Emergency Managed

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Primary management done	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Emergency Managed

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Primary management done	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Emergency Managed

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Primary management done	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Emergency Managed

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Primary management done	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Emergency Managed

Block……..

Supervisor…….

Sl	Date	Name of patient age & sex	Assessment & diagnosis	Primary management done	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Case presentation in clinical meetings, grand & ward round

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Case presentation in clinical meetings, grand & ward round

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Case presentation in clinical meetings, grand & ward round

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Case presentation in clinical meetings, grand & ward round

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Case presentation in clinical meetings, grand & ward round

Sl	Date	Patient's name (age & sex) ward/bed, reg. no.	Diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Clinical lectures attended

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Journal clubs

Block……

Supervisor……..

Sl	Date	Topic/ Article	Resource person	Performance of the trainee*	Signature of the supervisor

Neurosurgery (Phase B)

Journal clubs

Block……

Supervisor……..

Sl	Date	Topic/ Article	Source	Performance of the trainee*	Signature of the supervisor

*** Attended- A, Presented by himself- PH**

Neurosurgery (Phase B)

Interpretation of X-rays

Block……

Supervisor……..

Sl	Date	Type of X-ray	Presented/	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of X-rays

Block……

Supervisor……..

Sl	Date	Type of X-ray	Presented/	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of CT scans

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of CT scans

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of CT scans

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of CT scans

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of MRI/ MRA/ MRV

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of Angiogram/ DSA

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Interpretation of Angiogram/ DSA

Block……

Supervisor……..

Sl	Date	Type of CT	Presented/diagnosis	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Presentation /attendance in Seminars/symposiums/ workshops/ conferences

Block……

Supervisor……..

Sl	Date	Topic/ Article	Presented/ attended	Performance of the trainee	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Cranial Surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Spinal surgery attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Other surgeries attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Other surgeries attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Other surgeries attended

Block……

Supervisor……..

Sl	Date	Name of surgery	Major/ intermediate	Assisted as 1st/ 2nd/ 3rd assistant	Performed under supervision	Signature of the supervisor

Neurosurgery (Phase B)

Thesis

Title of the Thesis :

Aproval :

Signature of the Supervisor:…….

Signature of the course coordination :……

Signature of the Chairman : ……

Neurosurgery (Phase B)

Summary of activities

Events	Performed Total nos.	Performance status Satisfactory/ need to be completed	Remarks	Signature of the course coordinator
Case Records (POMR)				
Procedures				
OPD attended				
Emergency managed				
Case presentation				
Journal club				
Presentation in seminar/ conference/ workshop				
Cranial surgeries assisted/ performed				
Spinal surgeries assisted / performed				
Other surgeries assisted / performed				
Thesis				
Lectures attended				
Interpretation of investigations				
X-rays				

CT scans/ 3D CT angio				
MRI/ MRA/MRV				
Angiorams				

CERTIFICATE OF ACCURACY

I certify that the information contained in this logbook are true and accurate records of my training experiencees.

Signature of the Trainee

Date

CERTIFICATE OF SATISFACTORY COMPLETION OF THE LOGBOOK

I, to the best of my knowledge, hereby certify that

Dr. …….

Has satisfactorily completed this logbook as required by the University

…….

Signature of the Course coordinator

Name……..

Department of Neurosurgery, BSMMU

Date:……..

CERTIFICATE OF ELIGIBILITY FOR FINAL EXAMINATION (MS in Neurosurgery)

I hereby certify that

Dr. ……..

has satisfactorily completed his activities as a resident in MS neurosurgery course as required by the University which are recorded in this logbook and he is now eligible to take part in the final examination.

Name **Signature**

Date: **Chairman**

Department of Neurosurgery, BSMMU

Cover