

## Template for planning learning experiences in Elective

<b>Name of Block</b>	Block I
<b>Name of Elective</b> AN4	Pearls in Neuroanatomy- Ascending and Descending tracts of Spinal Cord and Brainstem
<b>Location of Hospital Lab or research facility</b>	Department of Anatomy, GMC Thrissur
<b>Name of internal preceptor</b>	Dr Anjali Ravindran
<b>Name of external preceptor</b>	Dr Sathidevi V.K
<b>Learning Objective of elective</b>	<ol style="list-style-type: none"> <li>1. To Enumerate and trace the various ascending and descending tracts in spinal cord and brainstem</li> <li>2. To study the internal features of spinal cord and parts of brainstem, using hand lens</li> <li>3. To correlate applied aspects of lesions of spinal cord and brainstem with clinical scenarios</li> </ol>
<b>Number of students that can be accommodated in this elective</b>	Maximum of 5 students
<b>Prerequisites for the elective</b>	<p>Prior knowledge of the ascending and descending tracts</p> <p>External and internal features of spinal cord, medulla, pons and midbrain</p>
<b>Learning resources for students</b>	<ol style="list-style-type: none"> <li>1. Snell's Textbook of Neuroanatomy</li> <li>2. Gray's Anatomy</li> <li>3. Pubmed and Google Scholar</li> </ol>
<b>List of activities in which students will participate</b>	<ol style="list-style-type: none"> <li>1. Dissect and demonstrate concerned regions using hand lens</li> <li>2. Participate in active discussion</li> <li>3. Present a clinical scenario and derive the localisation of the lesion.</li> </ol>
<b>Portfolio entries required</b>	<p>Documentation of dissection</p> <p>Documentation of presentation</p>
<b>Logbook entries required</b>	Completion of posting signed by the preceptor with "Meets Expectation" and grade.

<b>Assessment</b>	Formative- Attendance, Worksheets Participation in dissection Participation in discussion Presentation of topic
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**DEPARTMENT OF ANATOMY**  
**GOVERNMENT MEDICAL COLLEGE, THRISSUR**  
**MBBS NEET 2021 BATCH (41<sup>st</sup> BATCH) - PHASE III**  
**ELECTIVE MODULE OF BLOCK I**  
**FEBRUARY 2025**

Name of Block	Block 1
Name of Elective <b>AN3</b>	Anatomy of Intracranial Arterial System
Location of hospital Lab or research facility	Anatomy Dissection Hall
Name of internal preceptor	Dr.Arunkumar.K.G., Assistant Professor
Name of external preceptor	Dr.Sathidevi.V.K., Professor & Head
Learning objectives of elective	<ol style="list-style-type: none"> <li>1. to demonstrate the conduct of exploration of intracranial arteries in a controlled environment of cadaveric dissection</li> <li>2. to describe the origin and course of intracranial arteries</li> <li>3. to enumerate the branches of intracranial arteries</li> <li>4. to demonstrate the areas of distribution of intracranial arteries</li> <li>5. to present a case of cerebrovascular accident and determine the site of lesion and intracranial artery involved</li> <li>6. to describe the surgical management of vascular lesions of intracranial arteries</li> </ol>
Number of students accommodated in this elective	Five (05)
Prerequisites for elective	Dissection kit, Hand gloves
Learning resources for students	Departmental library
List of activities of student participation	<ol style="list-style-type: none"> <li>1. Work daily with supervisor in observing, assisting, and performing cadaveric dissection</li> <li>2. Participate in departmental education activities</li> <li>3. Present at least one case of cerebrovascular accident by student</li> </ol>
Portfolio entries required	<ol style="list-style-type: none"> <li>1. Documentation of dissected specimens</li> <li>2. Documentation of presentation done</li> </ol>
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”

<b>Name of the block</b>	<b>Block 1</b>
<b>Name of elective AN2</b>	<b>Surgical anatomy of head and neck</b>
<b>Location</b>	<b>Department of Anatomy</b>
<b>Internal Preceptor</b>	<b>Dr Anu Mohan</b>
<b>External Preceptor</b>	<b>Dr Sathidevi V.K</b>
<b>Learning objectives</b>	<b>To demonstrate the surgical anatomy of head &amp; neck</b> <b>To correlate the applied aspects with clinical scenarios</b> <b>To demonstrate the expected variations with the help of models &amp; charts</b>
<b>Number of students</b>	<b>4</b>
<b>Pre requisites</b>	<b>60% in Anatomy theory by KUHS</b>
<b>Learning resources</b>	<b>Textbooks &amp; reference articles provided by the department</b>
<b>List of Activities</b>	<b>Daily dissection and Demonstration of the concerned regions</b> <b>Participate in active discussion</b> <b>Present a clinical scenario and correlate the the surgical anatomy of head &amp; neck</b>
<b>Portfolio Entries</b>	<b>Documentation of Dissection</b> <b>Documentation of presentation</b>
<b>Logbook Entry</b>	<b>Completion of posting signed by the preceptor with “meets expectation “ and grade</b>
<b>Assessment</b>	<b>Formative- Attendance, Participation in dissection and discussion , Presentation of Topic</b>

Name of Block	Block 1
Name of Elective <b>AN1</b>	Anatomy of teaching anatomy
Location of Hospital lab/Research facility	Department of Anatomy, GMC Thrissur
Name of Internal Preceptor	Dr. Lincy Davis
Name of External Preceptor	Dr. Sathidevi VK
Learning objectives of the elective	To develop and practice teaching skills required to explain anatomy in a clear logical manner to undergraduate students To improve communication skills that underlies a team approach to patient care
Number of students	5
Prerequisites for elective	Genuine interest in teaching Good knowledge in anatomy
Learning Resources	Prescribed Text books , supervised practise sessions
List of activities of student participation	Attend the various undergraduate teaching activities of the department Teach short topics to small groups of undergraduate students Lead regional dissection sessions, active participation in histology practical sessions
Portfolio entries required	Details of daily Dissection / Histology sessions attended /conducted and details documented
Log book entry required	Attendance Portfolio entries verification Number of theory and practical classes attended/taken to be noted
Assessment	Formative – Daily participation and mode of conduct of theory and practical sessions will be assessed
Other comments	

**Elective : Anatomical basis of peripheral nerve injuries of upper and lower limb**

Name of block	<b>Block 1</b>
Name of elective <b>AN5</b>	<b>Anatomical basis of peripheral nerve injuries of upper and lower limb</b>
Location of hospital lab /research facility	<b>Department of Anatomy, GMC Thrissur</b>
Name of internal preceptor	<b>Dr Seena N</b>
Name of external preceptor (if any)	<b>Dr Sathidevi V K</b>
Learning objectives of the elective	<b>1. To enumerate commonly seen peripheral nerve injuries of upper &amp; lower limb 2. To describe anatomical basis of clinical effects seen in common peripheral nerve injuries 3. To arrive at a diagnosis based on the available clinical signs and symptoms of 10 case scenarios of peripheral nerve injuries</b>
Number of students that can be accommodated in this elective	<b>5</b>
Pre-requisite for the elective	<b>Basic anatomical knowledge of various peripheral nerves</b>
Learning resources for students	<b>1. Pamphlet 2. Flowcharts</b>
List of activities in which the students will participate	<b>1. Focused group discussion 2. Jigsaw method of learning 3. Peer learning</b>
Portfolio entries required	<b>Yes</b>
Logbook entries required	<b>Yes</b>
Assessment	<b>1. Structured viva voce 2. Design a protocol to consolidate various symptoms &amp; signs to clinically diagnose any one peripheral nerve injury</b>
Other comments	<b>Students will be encouraged to revise all peripheral nerves of upper &amp; lower limb in a dissected specimen</b>