

Department of Physical Medicine and Rehabilitation

Electives in PMR, 2023 Batch UG MBBS

List of electives

1. Rehabilitation of Amputee and Fabrication of Prosthesis
2. Rehabilitation of stroke patient

Elective 1

Name of Block	Block 2
Name of Elective	Rehabilitation of Amputee and Fabrication of Prosthesis
Name of the Internal Preceptor	Dr. Divya Anirudhan
Name of the External Preceptor	Dr.Shibi T G
Learning Objectives of the Elective	<ol style="list-style-type: none"> 1.To Understand the level of amputation and the concept of ideal stump 2. Preprosthetic Rehabilitation of an amputee 3. To get an awareness of the complication and management of amputation 4.Knowldge of the types of prosthesis which are in use 5.Measurement taking and the concept of positive and negative casts 6.Fabrication of prosthesis 7.Prosthetic fitting and training 8.Concept of donning and doffing of prosthesis 9.Check out of prosthesis 10.Reintegration of amputee in to the society
Number of students that can be accommodated	Two
Prerequisites for electives	<ol style="list-style-type: none"> 1.Knowldge of factors leading to amputation 2. Surgical steps of amputation 3. Knowledge of the concept of an ideal stump 4.Knowldge of the parts of a prosthesis 5. Understanding of the basic concepts of Rehabilitation of an amputee
List of activities of student participation	<ol style="list-style-type: none"> 1. Observation and application of elastocrepe bandaging

	<ol style="list-style-type: none"> 2. Basic exercises to be done before prosthetic fitment 3. To participate along with the supervisor in patient and care giver counseling 4. To assist in crutch walking along with the prosthesis 5. To assist P&O Technician in measurement and fabrication of prosthesis 6. To participate along with the supervisor in prosthetic fitting and training 7. To assist the supervisor in helping the patient to get integrated to the society
Learning resources	Textbook of Physical Medicine and Rehabilitation by Rendal. L Braddom
Portfolio entries required	<ol style="list-style-type: none"> 1. Recording of daily exercise program and physiotherapy 2. Record the steps in measurement and making of positive and negative casts 3. Recording of materials used in the fabrications of prosthesis 4. Recording of detailed steps and procedure in the fabrication of prosthesis 5. Then detailed sketching of the parts of prosthesis and marking it 6. Recording of the function of each part of the prosthesis 7. Recording of the events in training and checkout of prosthesis
Logbook entry required	Satisfactory completion of posting by external preceptor co-signed by institutional preceptor
Assessment	<p>Attendance</p> <p>Successful verification of required portfolio entries</p> <p>Assessment of Knowledge gained through a viva voce and demonstration</p> <p>Successful completion of the posting as certified in the logbook with a meets expectation 'M' grade</p>
Other comments	

Elective 2

Name of Block	Block 2
Name of Elective	Rehabilitation of stroke patient
Name of the Internal Preceptor	Dr. Shajahan C
Name of the External Preceptor	Dr. Shibi T G
Learning Objectives of the Elective	<ol style="list-style-type: none"> 1. To understand the definition and different types of strokes. 2. To understand clinical presentation and acute management of strokes. 3. Concept of Rehabilitation in the ICU. 4. Rehabilitation of a stroke patient in the PMR ward. 5. Understanding of the functional impairment in stroke and prevention of disabilities. 6. Understanding synergy pattern, brunnstorm stages and spasticity management. 7. Understanding of immediate and late complication of stroke. 8. Training of ADL and IADL. 9. Transition to home and community. 10. Recording of the outcome measures.
Number of students that can be accommodated	Two
Prerequisites for electives	<ol style="list-style-type: none"> 1. Understanding of basic neuroanatomy and types of stroke. 2. Awareness of acute, post acute and chronic care of a stroke patient. 3. Understanding the concept of WHO ICF 4. Awareness of the complication of stroke and its management.
List of activities of student participation	<ol style="list-style-type: none"> 1. Observation of an acute presentation of stroke and its management. 2. Visiting stroke patient in medical ICU and assisting in acute rehabilitation along with physiatrist. 3. Follow up of a stroke patient admitted in the ward and stroke patient attending regular OPD. 4. Observation, assistance and performing of exercises in the physiotherapy section.

	<ol style="list-style-type: none"> 5. Helping the patient to train ADL and IADL in the occupational therapy. 6. Deciding of assistive devices and fabricating of assistive devices. 7. Assisting the patient use the assistive devices. 8. Integration of patient in the society and vocational rehabilitation.
Learning resources	Textbook of Physical Medicine and Rehabilitation by Rendal. L Braddom
Portfolio entries required	<ol style="list-style-type: none"> 1. Recording of the details of the patient seen in the casualty including thrombolysed. 2. Recording of the exercise programmes given to the patient in the ICU. 3. Daily charting of the exercise programmes of the patient and FIM score. 4. Recording of the daily activities of the patient in physiotherapy, occupational therapy and workshop. 5. Short description of the course of the patient in the hospital.
Logbook entry required	Satisfactory completion of posting by external preceptor co-signed by institutional preceptor
Assessment	Attendance Successful verification of required portfolio entries Assessment of Knowledge gained through a viva voce and demonstration Successful completion of the posting as certified in the logbook with a meets expectation 'M' grade
Other comments	