

# Department of Physical Medicine and Rehabilitation

## 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"> <li>1.To Understand the level of amputation and the concept of ideal stump</li> <li>2. Preprosthetic Rehabilitation of an amputee</li> <li>3. To get an awareness of the complication and management of amputation</li> <li>4.Knowldge of the types of prosthesis which are in use</li> <li>5.Measurement taking and the concept of positive and negative casts</li> <li>6.Fabrication of prosthesis</li> <li>7.Prosthetic fitting and training</li> <li>8.Concept of donning and doffing of prosthesis</li> <li>9.Check out of prosthesis</li> <li>10.Reintegration of amputee in to the society</li> </ol>
Number of students that can be accommodated	Two
Prerequisites for electives	<ol style="list-style-type: none"> <li>1.Knowldge of factors leading to amputation</li> <li>2. Surgical steps of amputation</li> <li>3. Knowledge of the concept of an ideal stump</li> <li>4.Knowldge of the parts of a prosthesis</li> <li>5. Understanding of the basic concepts of Rehabilitation of an amputee</li> </ol>
List of activities of student participation	<ol style="list-style-type: none"> <li>1. Observation and application of elastocrepe bandaging</li> <li>2. Basic exercises to be done before prosthetic fitment</li> <li>3.To participate along with the supervisor in patient and care giver counseling</li> <li>4. To assist in crutch walking along with the prosthesis</li> <li>5. To assist P&amp;O Technician in measurement and fabrication of prosthesis</li> <li>6. To participate along with the supervisor in prosthetic fitting and training</li> <li>7. To assist the supervisor in helping the patient to get integrated to the society</li> </ol>

Learning resources	Textbook of Physical Medicine and Rehabilitation by Rendal. L Braddom
Portfolio entries required	<ol style="list-style-type: none"> <li>1. Recording of daily exercise program and physiotherapy</li> <li>2. Record the steps in measurement and making of positive and negative casts</li> <li>3. Recording of materials used in the fabrications of prosthesis</li> <li>4. Recording of detailed steps and procedure in the fabrication of prosthesis</li> <li>5. Then detailed sketching of the parts of prosthesis and marking it</li> <li>6. Recording of the function of each part of the prosthesis</li> <li>7. Recording of the events in training and checkout of prosthesis</li> </ol>
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	

# Department of Physical Medicine and Rehabilitation

## 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"> <li>1. To understand the definition and different types of strokes.</li> <li>2. To understand clinical presentation and acute management of strokes.</li> <li>3. Concept of Rehabilitation in the ICU.</li> <li>4. Rehabilitation of a stroke patient in the PMR ward.</li> <li>5. Understanding of the functional impairment in stroke and prevention of disabilities.</li> <li>6. Understanding synergy pattern, brunnstorm stages and spasticity management.</li> <li>7. Understanding of immediate and late complication of stroke.</li> <li>8. Training of ADL and IADL.</li> <li>9. Transition to home and community.</li> <li>10. Recording of the outcome measures.</li> </ol>
Number of students that can be accommodated	Two
Prerequisites for electives	<ol style="list-style-type: none"> <li>1. Understanding of basic neuroanatomy and types of stroke.</li> <li>2. Awareness of acute, post acute and chronic care of a stroke patient.</li> <li>3. Understanding the concept of WHO ICF</li> <li>4. Awareness of the complication of stroke and its management.</li> </ol>
List of activities of student participation	<ol style="list-style-type: none"> <li>1. Observation of an acute presentation of stroke and its management.</li> <li>2. Visiting stroke patient in medical ICU and assisting in acute rehabilitation along with physiatrist.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Follow up of a stroke patient admitted in the ward and stroke patient attending regular OPD.</li> <li>4. Observation, assistance and performing of exercises in the physiotherapy section.</li> <li>5. Helping the patient to train ADL and IADL in the occupational therapy.</li> <li>6. Deciding of assistive devices and fabricating of assistive devices.</li> <li>7. Assisting the patient use the assistive devices.</li> <li>8. Integration of patient in the society and vocational rehabilitation.</li> </ol>
Learning resources	Textbook of Physical Medicine and Rehabilitation by Rendal. L Braddom
Portfolio entries required	<ol style="list-style-type: none"> <li>1. Recording of the details of the patient seen in the casualty including thrombolysed.</li> <li>2. Recording of the exercise programmes given to the patient in the ICU.</li> <li>3. Daily charting of the exercise programmes of the patient and FIM score.</li> <li>4. Recording of the daily activities of the patient in physiotherapy, occupational therapy and workshop.</li> <li>5. Short description of the course of the patient in the hospital.</li> </ol>
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	