

## **Proposal for Electives for Undergraduates in Emergency Medicine**

1. We propose 3 electives for MBBS students as part of Block 2
  - a. Trauma Resuscitation
2. Currently, we can take one student per elective due to lack of space and faculty mentor in the department. (max 4 students combined)
3. As and when more faculty join, we can increase the intake and also add more electives.
4. The log book for each electives will be provided in due course of time.
5. Detailed proposals in page 2,3,4

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|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Block                                                | Block 2                                                                                                                                                                                                                                                                           |
| Name of Elective                                             | Trauma Resuscitation                                                                                                                                                                                                                                                              |
| Location of hospital lab or research facility                | Emergency Medicine Department                                                                                                                                                                                                                                                     |
| Name of internal preceptor(s)                                | Dr. Roshan Mathew                                                                                                                                                                                                                                                                 |
| Name of external preceptor (if any)                          | None                                                                                                                                                                                                                                                                              |
| Learning objectives of the elective                          | <ol style="list-style-type: none"> <li>1. Learning the Advance trauma life support guidelines</li> <li>2. Supervised management of a poly trauma patient</li> <li>3. Learning splinting and suturing techniques</li> <li>4. Interpreting relevant trauma radiology</li> </ol>     |
| Number of students that can be accommodated in this elective | <b>1</b>                                                                                                                                                                                                                                                                          |
| Prerequisites for the elective                               | Hep B Vaccination (titre >10 IU)<br>Biomedical waste management guidelines                                                                                                                                                                                                        |
| Learning resources for students                              | ATLS® Provider manual 10e                                                                                                                                                                                                                                                         |
| List of activities in which the student will participate     | <ol style="list-style-type: none"> <li>1. Resuscitation of trauma victim</li> <li>2. Applying C-collar/Helmet removal/pelvic binder</li> <li>3. Splinting &amp; suturing</li> <li>4. X-ray/CT-Scan interpretations</li> <li>5. Table top simulations for various cases</li> </ol> |
| Portfolio entries required                                   | Four worked up case records that have been presented<br>Documentation of self-directed learning as summary and reflection                                                                                                                                                         |
| Log book entry required                                      | Yes                                                                                                                                                                                                                                                                               |
| Assessment                                                   | Attendance<br>Preceptor will provide a grade based on the clinical skills demonstrated in various activities                                                                                                                                                                      |
| Other comments                                               | A course specific log sheet will be made for documentation by the students                                                                                                                                                                                                        |