

NAME OF BLOCK	Anaesthesiology
NAME OF ELECTIVE	Trauma and Acute Care Management
LOCATION OF HOSPITAL LAB OR RESEARCH FACILITY	Department Of Anaesthesia and Emergency
NAME OF INTERNAL PRECEPTOR(S)	Dr Neeru Luthra Dr Tanveer Singh
NAME OF EXTERNAL PRECEPTOR IF APPLICABLE	N/A
LEARNING OBJECTIVES OF ELECTIVE	1. To understand the principles of pre-hospital care and casualty management of a trauma victim including principles of triage. 2. To participate as a member in a team for resuscitation (airway, breathing and circulation) of poly trauma victim under supervision/in simulated environment. 3. To obtain experience in recognition and management of life threatening trauma (tension pneumothorax, cardiac tamponade, cervical spine injury) under supervision/in simulated environment. 4. To obtain experience in recognition and resuscitative management of patient with massive blood loss (major abdominal trauma, pelvic trauma and long bone fractures) under supervision/in simulated environment.

List of activities of student participation	The student will be able to: 1. Participate in initial assessment of trauma patient for triage under supervision. 2. Participate as a member of team for resuscitation of polytrauma victim under supervision/in simulated environment by doing all the following. (a) I.V. access central and peripheral (b) Airway Management (c) Planning of multimodal analgesia 3. Present two cases of polytrauma patients focusing on initial assessment and triage and management strategies.
Prerequisites for elective	Basics of airway and resuscitation
Number of students that can be accommodated in this elective	Four
Learning Resources	Ebook of ATLS will be provided, Access to departmental library
Portfolio entries required	Case record of atleast two polytrauma patients, Presentations done
Log book entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance Successful completion of the elective as certified in the log book with a "meets expectation "M" grade" Participation in daily departmental activities

INTRODUCTION

Welcome to our elective training program in Anaesthesiology for undergraduate medical students!

This program is designed to provide you with an opportunity to gain exposure to the field of Trauma Anaesthesiology and Acute Care and to develop your skills and knowledge in managing trauma patients. During this elective, you will have the opportunity to observe and participate in various aspects of trauma care, including assessment and resuscitation of trauma patient.

This training will help you in understanding the principles of pre-hospital care and casualty management of a trauma victim including principles of triage. You will learn about management of airway, resuscitation, massive blood loss, acidosis, coagulopathy, hypothermia and the consequences of damage to various organs and related complications. You will also learn about the principles and techniques of invasive monitoring, line placement, resuscitation, and pain management.

This elective training program will be an excellent opportunity for you to gain a deeper understanding of the responsibilities assumed by anaesthesiologists beyond the operating room in ensuring safety and comfort of trauma victims. You will have the opportunity to work with experienced anesthesiologists and to learn from their expertise and experience.

Overall, elective training in Trauma Anaesthesiology and Acute care is an excellent opportunity for undergraduate medical students to develop a better understanding of this important aspect of trauma, to enhance your knowledge and skills in the field of trauma anaesthesiology, basic principles of resuscitation and overall management of trauma patients.

Let's start resuscitation of trauma patients!