

Name of Book	
Name of Elective	Evaluation of a child in Pediatric Intensive Care unit (PICU)
Location of hospital Lab or research facility	Pediatric ICU, DMCH, Ludhiana
Name of internal preceptor(s)	Dr. Siddharth Bhargava
Name of external preceptor (if applicable)	
Learning objectives of elective	1. Assess a seriously ill child admitted in PICU using a structured approach 2. Understand the purpose and components of initial impression 3. Learn the ABCDE components of primary assessment 4. Identify respiratory and circulatory problems by using the ABCDE model 5. Describe the components of the secondary assessment
Number of students that can be accommodated in this elective	3-5
Prerequisites for elective	-
Learning resources for students	1. Nelson Textbook of Pediatrics 2. IAP ALS Handbook, 2nd Edition 2020 3. IAP Specialty Series on Pediatric Intensive Care, Third Edition
List of activities of student participation	1. Enumerate the components of initial impression, primary and secondary assessment 2. Categorize respiratory and circulatory problems according to their type and severity 3. Solve case scenarios based upon the Evaluate, Identify and Intervene (EII) approach
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	VIVA voice, OSCE, MCQs
Other comments	

Logbook – *cum* – Portfolio

Elective Module: Evaluation of a child in Pediatric Intensive Care Unit (PICU)

Introduction

A “sick child” /“critically ill child” is one who is in a clinical state which may result in respiratory or cardiac arrest or severe neurological complications if not recognized and treated promptly. Many diseases can lead to this sick state. Whether a child presents with a primary cardiovascular, respiratory, neurological, infectious or metabolic disorder, the goal should be early recognition of signs of deterioration. Timely intervention in seriously ill or injured children is the key to preventing progression towards cardiac arrest and saving lives.

It is best to follow a systematic and structured approach while assessing a sick child in PICU in order to avoid missing out on any important component of assessment. For this reason, it is advisable to follow the methodology elucidated in the Pediatric Advanced Life Support (ALS) guidelines. Following a structured approach like this ensures early recognition and trouble-shooting in a rapidly deteriorating child in PICU.

The purpose of this elective is to learn to evaluate a sick/critically ill child in PICU.