

HIMSR AND HAH CENTENARY HOSPITAL,

Delhi 110062

Department of Pediatrics & Neonatology

An elective for a pediatric posting typically refers to a period of time when a medical student or resident is assigned to work in a pediatric department or clinic to gain experience and knowledge in the care of children. This is a common part of medical education and training, and it provides an opportunity for students to work with experienced residents, faculty members and other healthcare professionals, and to observe and participate in the care of pediatric patients.

During an elective, the medical student may be involved in a variety of activities, including taking medical histories, conducting physical exams, participating in rounds, and assisting with procedures and treatments. They may also have the opportunity to attend lectures, conferences, and to complete projects and research.

The goal of a pediatric elective is to help the student develop the skills and knowledge needed to provide improved care for pediatric patients, and to help them build a strong foundation in pediatric medicine. By working with patients and healthcare professionals in a real-world setting, they can learn from their experiences and gain a deeper understanding of the challenges and rewards of working in this field.

LIST OF ELECTIVES FROM PAEDIATRICS (BLOCK 2)

ELECTIVE 1

Name of block	Block 2
Name of elective	Pediatric Intensive Care
Location of hospital lab or research facility	Department Of Pediatrics HIMSR and HAHC Hospital
Name of internal preceptor (s)	Guide: Prof (Dr) Varinder Singh (Professor) Co-guide: Dr Lucky Manik (Assistant Professor)
Name of external preceptor	NA
Learning objectives of elective	1) Shall be able to describe steps of Basic Life Support including equipments needed. 2) Demonstration of Basic Life Support in mannequin- skill lab. 3) Assist pediatric resuscitation in intensive care. 4) Perform the assessment examination for identification of a sick child. 5) Formulate and carry out a plan for continuing assessment and management. 6) Discuss oxygen therapy in Paediatric emergencies and modes of administration. 7) Perform, assist and perform basic procedures like – Intravenous cannulation, Foley's catheterization, Nasogastric insertion and feeding etc.
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Must have received necessary immunization (Hepatitis B and Covid-19)
List of activities of student participation	1) Participate in Inpatient rounds. 2) Attend triage for critical patients. 3) Attend and resuscitation in PICU.

	4) Present at least 2 cases that are fully worked up in the teaching session. 5) Participate in patient education and multidisciplinary team meetings. 6) Participate in morbidity and mortality meetings.
Learning resources	OP Ghai Essential Pediatrics 9 th Edition IAP textbook of pediatric and AIIMS PICU Protocols
Portfolio entries required	Assignments provided Two worked up case records that have been presented Documentation of self -directed learning as summary and reflection.
Log book entry required	Satisfactory completion of posting by a preceptor with a “meets expectation ‘M’ grade”
Assessment	Attendance Formative: Participation in In Patient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.
Other comments	

ELECTIVE 2

Name of block	Block 2
Name of elective	Neonatal Resuscitation
Location of hospital lab or research facility	Department Of Pediatrics HIMSR and HAHC Hospital
Name of internal preceptor (s)	Guide: Dr Kaifi Siddiqui (Assistant Professor) Co-guide: Dr Sana Salim Khan (Associate Professor)
Name of external preceptor	NA
Learning objectives of elective	1) To describe steps in stabilization and resuscitation including equipments needed in newborn care. 2) Demonstration of efficient and effective resuscitation – skills lab 3) Assist in resuscitation. 4) Perform appropriate assessment and formulate a differential diagnosis. 5) Formulate and carry out plan for continuing assessment and management.
No of students that can be accommodated in this elective	2
Prerequisites for elective	Must have received necessary immunization (Hepatitis B and Covid-19)
List of activities of student participation	1) Provide intra-natal care and observe the conduct of a normal delivery 2) Attend newborn resuscitation in labor room. 3) Assess airway and breathing: recognise signs of severe respiratory distress. Check for cyanosis, severe chest indrawing, grunting. 4) Attend triage for newborn emergencies 5) Present at least 2 cases that are fully worked up in the teaching session

	6) Participate in morbidity and mortality meetings
Learning resources	OP Ghai Essential Pediatrics 9 th Edition IAP textbook of Pediatric and neonatal emergencies AIIMS NICU Protocols
Portfolio entries required	Assignments provided Two worked up case records that have been presented Documentation of self -directed learning as summary and reflection.
Log book entry required	Satisfactory completion of posting by a preceptor with a “meets expectation ‘M’ grade”
Assessment	Attendance Formative: Participation in In-patient rounds and team activities, Presentation of worked up cases, Documentation of attendance and required portfolio and log book entries
Other comments	

ELECTIVE 3

Name of block	Block 2
Name of elective	Normal Newborn care
Location of hospital lab or research facility	Department Of Pediatrics HIMSR and HAHC Hospital
Name of internal preceptor (s)	Guide: Dr Sana Salim Khan (Associate Professor) Co-guide: Dr Kaifi Siddiqui (Assistant Professor)
Name of external preceptor	NA
Learning objectives of elective	1. Awareness regarding breast feeding practices. 2. Identification of common newborn problems and their management.
No of students that can be accommodated in this elective	4
Prerequisites for elective	Must have received necessary immunization (Hepatitis B and Covid-19)
List of activities of student participation	1. Awareness on the cultural beliefs and practices of breast feeding. 2. Observe the correct technique of breast feeding and distinguish right from wrong techniques. 3. Educate mothers on antenatal breast care and prepare mothers for lactation. 4. Educate and counsel mothers for best practices in Breast feeding. 5. Perform Postnatal assessment of newborn and mother, provide advice on breast feeding, weaning and on family planning. 6. Explain the care of a normal neonate. 7. Identify clinical features and management of Neonatal Hypothermia. 8. Identify the clinical features and management of Neonatal hyperbilirubinemia.

	9. Identify features of clinical sepsis and learn the management of neonatal sepsis. 10. Identify common complications and learn management of Low birth weight (preterm and Small for gestation) infants. 11. Explain the follow up care for neonates including Breast Feeding, temperature maintenance, immunization, importance of growth monitoring and red flags signs to mother.
Learning resources	OP Ghai Essential Pediatrics 9 th Edition IAP textbook of pediatric and neonatal emergencies
Portfolio entries required	Assignments provided Two worked up case records that have been presented Documentation of self -directed learning as summary and reflection.
Log book entry required	Satisfactory completion of posting by a preceptor with a “meets expectation ‘M’ grade”
Assessment	Attendance Formative: Participation in OPD & IN Patients rounds and team activities in Presentation of worked up cases, Documentation of attendance and required portfolio and log book entries
Other comments	

ELECTIVE 4

Name of block	Block 2
Name of elective	Pediatric infectious diseases.
Location of hospital lab or research facility	Department Of Pediatrics HIMSR and HAHC Hospital
Name of internal preceptor (s)	Guide: Dr Mohd Ayub Ansari (Associate Professor) Co guide: Dr Rajat Sagar (Assistant Professor)
Name of external preceptor	NA
Learning objectives of elective	1. Identify and manage common Pediatrics infectious diseases 2. Identify and appropriate management of acute diarrhea
No of students that can be accommodated in this elective	4
Prerequisites for elective	Must have received necessary immunization (Hepatitis B and Covid-19)
List of activities of student participation	1. Identify clinical presentation of diarrheal illnesses and spectrum of dehydration. 2. Assess for signs of dehydration, document and present. 3. Plan oral rehydration and fluid management as per the WHO criteria. 4. Know how to apply the IMNCI guidelines in risk stratification of children with diarrheal dehydration. 5. Assess a case of fever with rash and demonstrate approach & workup of the cases. 6. Assess a Case of fever with respiratory distress, demonstrate approach for management of the case. 7. Assess a case of fever without focus, demonstrate approach and its management.

	8. Assess a case of fever with altered sensorium, demonstrate approach and its management 9. Know about antibiotic stewardship program, rational antibiotic prescription writing, emerging anti-microbial resistance.
Learning resources	OP Ghai Essential Paediatrics 9th Edition IAP textbook of pediatric & Neonatal emergencies
Portfolio entries required	Assignments provided Two worked up case records that have been presented Documentation of self -directed learning as summary and reflection.
Log book entry required	Satisfactory completion of posting by a preceptor with a "meets expectation 'M' grade"
Assessment	Attendance Formative: Participation in OP & IP rounds and team activities, Presentation of worked up cases, Documentation of attendance and required portfolio and log book entries
Other comments	

ELECTIVE 5

Name of block	Block 2
Name of elective	Developmental and Behavioural Pediatrics
Location of hospital lab or research facility	Department Of Pediatrics HIMSR and HAHC Hospital
Name of internal preceptor (s)	Guide: Dr Afreen Khan (Associate Professor) Co-Guide: Dr Iqra Khan (Assistant Professor)
Name of external preceptor	NA
Learning objectives of elective	1. Principles of normal development 2. Explain developmental milestones in all developmental domains. 3. Differentiate developmental surveillance, developmental screening and assessment 4. Recognize developmental red flag signs at different ages. 5. Describe common developmental disorders: Global developmental delay, Intellectual disability, Autism Spectrum Disorder, ADHD, Learning disorders, Speech and language disorders, Cerebral palsy 6. Evaluate risk stratification in high risk newborns 7. Understand early intervention 8. Describe principles of family-centered developmental care. 9. Common behavioral problems in children 10. Understand principles of multidisciplinary management.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Positive attitude and respect for persons with disabilities

List of activities of student participation	1. Developmental History Taking (Minimum 2 cases) 2. Comprehensive Developmental Assessment Minimum 2 cases) 3. Autism Screening using M-CHAT-R/F (Minimum 2 children) 4. Developmental Screening using TDSC (Minimum 2 children) 5. Perform developmental screening using an age-appropriate validated screening tool (TDSC) and interpret the findings.(Minimum 2 children) 6. Screening for Learning Disorders (Minimum 1 school-going child) 7. Observation of early intervention in high risk newborn(Minimum 2 sessions each)
Learning resources	Nelson book of pediatrics OP Ghai Essential Pediatrics 9th Edition IAP textbook of pediatrica Illingworth's the development of the infant and the young child
Portfolio entries required	Assignments provided Two worked up case records that have been presented Documentation of self -directed learning as summary and reflection.
Log book entry required	Satisfactory completion of posting by a preceptor with a “meets expectation ‘M’ grade”
Assessment	Attendance Formative: Participation in In Patient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.
Other comments	

Assessment (Elective 1)

S.No	Name of Activity	Date	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating Below (B) Meets (M) exceeds (E) exceeds (E) Or Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
1	Participate in Inpatient rounds.						
2	Attend triage for critical patient.						
3	Attend and Learn resuscitation in PICU.						
4	Present at least 2 cases that are fully worked up in the teaching session.						
5	Participate in patient education and multidisciplinary team meetings.						
6	Participate in morbidity and mortality meetings.						

Assessment (Elective 2)

S.No	Name of Activity	Date	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
1	Provide intra-natal care and observe the conduct of a normal delivery.						
2	Learn newborn resuscitation in labor room.						
3	Assess airway and breathing: recognise signs of severe respiratory distress. Check for cyanosis, severe chest indrawing, grunting.						
4	Attend triage for newborn emergencies						
5	Present at least 2 cases that are fully worked up in the teaching session						
6	Participate in morbidity and mortality meetings						

Assessment (Elective 3)

S.No	Name of Activity	Date	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
1	Awareness on the cultural beliefs and practices of breast feeding.						
2	Observe the correct technique of breast feeding and distinguish right from wrong techniques.						
3	Educate mothers on antenatal breast care and prepare mothers for lactation.						
4	Educate and counsel mothers for best practices in Breast feeding						
5	Perform Postnatal assessment of newborn and mother, provide advice on breast feeding, weaning and on family planning.						
6	Explain the care of a normal neonate.						
7	Identify clinical features and management of Neonatal Hypothermia.						

8	Identify the clinical features and management of Neonatal hyperbilirubinemia.						
9	Identify features of clinical sepsis and learn the management of neonatal sepsis.						
10	Identify common complications and learn management of Low birth weight (preterm and Small for gestation) infants.						
11	Explain the follow up care for neonates including Breast Feeding, temperature maintenance, immunization, importance of growth monitoring and red flags signs to mother						

Assessment (Elective 4)

S.No	Name of Activity	Date	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
1	Identify clinical presentation of diarrheal illnesses and spectrum of dehydration.						
2	Assess for signs of dehydration, document and present						
3	Plan oral rehydration and fluid management as per the WHO criteria.						
4	Know how to apply the IMNCI guidelines in risk stratification of children with diarrheal dehydration.						
5	Assess a case of fever with rash and demonstrate approach & workup of the cases.						
6	Assess a Case of fever with respiratory distress, demonstrate approach for management of the case.						
7	Assess a case of fever without focus, demonstrate approach and its management.						

8	Assess a case of fever with altered sensorium, demonstrate approach and its management						
9	Know about antibiotic stewardship program, rational antibiotic prescription writing, emerging anti-microbial resistance.						

Assessment (Elective 5)

S.No	Name of Activity	Date	Attempt at activity First or Only (F) Repeat (R) Remedial (Re)	Rating Below (B) expectations Meets (M) expectations Exceeds (E) expectations Or Numerical Score	Decision of faculty Completed (C) Repeat (R) Remedial (Re)	Initial of faculty and date	Feedback Received Initial of learner
1	Developmental history Taking (2)						
2	Screening for developmental domains (2)						
3	R-MCHAT screening(2)						
4	Counselling parents for screen exposure						
5	Counselling parents for parent -child interaction						
6	Evaluate high risk newborn						