

**Department of Pediatrics & Neonatology**  
**HIMSR AND HAH CENTENARY HOSPITAL,**  
**Hamdard Nagar Delhi 110062**

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

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| Name of block  | Block 2  |
| Name of elective   | Pediatric Intensive Care   |
| Location of hospital lab or research facility                | Department Of Pediatrics<br>HIMSR and HAHC Hospital  |
| Name of internal preceptor (s)                               | 1. Dr. Lucky Manik (Assistant Professor)<br>2. Dr. Ayub Ansari (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.<br>2) Demonstration of Basic Life Support in mannequin- skill lab.<br>3) Assist pediatric resuscitation in intensive care.<br>4) Perform the assessment examination for identification of a sick child.<br>5) Formulate and carry out a plan for continuing assessment and management.<br>6) Discuss oxygen therapy in Paediatric emergencies and modes of administration.<br>7) Perform, assist and perform basic procedures like – Intravenous cannulation, Foley’s catheterization, Nasogastric insertion and feedingetc. |
| 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.<br>2) Attend triage for critical patients.<br>3) Attend and resuscitation in PICU.<br>4) Present at least 2 cases that are fully worked up in the teaching   |

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

## ELECTIVE 2

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| Name of block  | Block 2  |
| Name of elective   | Neonatal Resuscitation   |
| Location of hospital lab or research facility            | Department Of Pediatrics<br>HIMSR and HAHC Hospital  |
| Name of internal preceptor (s)                           | Guide: Dr. Sana Salim Khan (Assistant Professor)<br>Co-guide: Dr. Neha Bansal (Associate Professor)  |
| Name of external preceptor                               | NA   |
| Learning objectives of elective                          | <ol style="list-style-type: none"> <li>1) To describe steps in stabilization and resuscitation including equipments needed in newborn care.</li> <li>2) Demonstration of efficient and effective resuscitation – skills lab</li> <li>3) Assist in resuscitation.</li> <li>4) Perform appropriate assessment and formulate a differential diagnosis.</li> <li>5) Formulate and carry out plan for continuing assessment and management.</li> </ol>  |
| 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              | <ol style="list-style-type: none"> <li>1) Provide intra-natal care and observe the conduct of a normal delivery</li> <li>2) Attend newborn resuscitation in labor room.</li> <li>3) Assess airway and breathing: recognise signs of severe respiratory distress. Check for cyanosis, severe chest indrawing, grunting.</li> <li>4) Attend triage for newborn emergencies</li> <li>5) Present at least 2 cases that are fully worked up in the teaching session</li> <li>6) Participate in morbidity and</li> </ol> |

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|                            | mortality meetings  |
| Learning resources         | OP Ghai Essential Pediatrics 9 <sup>th</sup> Edition<br>IAP textbook of Pediatric and neonatal emergencies<br>AIIMS NICU Protocols  |
| Portfolio entries required | Assignments provided<br>Two worked up case records that have been presented<br>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<br>Formative: Participation in In-patient rounds and team activities,<br>Presentation of worked up cases,<br>Documentation of attendance and required portfolio and log book entries |
| Other comments             |   |

### ELECTIVE 3

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| Name of block  | Block 2   |
| Name of elective   | Normal Newborn care   |
| Location of hospital lab or research facility            | Department Of Pediatrics<br>HIMSR and HAHC Hospital   |
| Name of internal preceptor (s)                           | Guide:Dr. Neha Bansal (Associate Professor)<br>Coguide : Dr Sana Salim Khan (Assistant Professor)   |
| Name of external preceptor                               | NA  |
| Learning objectives of elective                          | <ol style="list-style-type: none"> <li>1. Awareness regarding breast feeding practices.</li> <li>2. Identification of common newborn problems and their management.</li> </ol>  |
| 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              | <ol style="list-style-type: none"> <li>1. Awareness on the cultural beliefs and practices of breast feeding.</li> <li>2. Observe the correct technique of breast feeding and distinguish right from wrong techniques.</li> <li>3. Educate mothers on antenatal breast care and prepare mothers for lactation.</li> <li>4. Educate and counsel mothers for best practices in Breast feeding.</li> <li>5. Perform Postnatal assessment of newborn and mother, provide advice on breast feeding, weaning and on family planning.</li> <li>6. Explain the care of a normal neonate.</li> <li>7. Identify clinical features and management of Neonatal Hypothermia.</li> <li>8. Identify the clinical features and management of Neonatal hyperbilirubinemia.</li> <li>9. Identify features of clinical sepsis and learn the management of neonatal sepsis.</li> </ol> |

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

### **ELECTIVE 4**

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| Name of block  | Block 2   |
| Name of elective   | Pediatric infectious diseases.  |
| Location of hospital lab or research facility            | Department Of Pediatrics<br>HIMSR and HAHC Hospital   |
| Name of internal preceptor (s)                           | Guide: Dr Mohd Ayub Ansari (Assistant Professor)<br>Co guide: Dr (Prof) Sangita Yadav & Dr. Lucky Manik (Assistant Professor)   |
| Name of external preceptor                               | NA  |
| Learning objectives of elective                          | <ol style="list-style-type: none"><li>1. Identify and manage common Pediatrics infectious diseases</li><li>2. Identify and appropriate management of acute diarrhea</li></ol>   |
| 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              | <ol style="list-style-type: none"><li>1. Identify clinical presentation of diarrheal illnesses and spectrum of dehydration.</li><li>2. Assess for signs of dehydration, document and present.</li><li>3. Plan oral rehydration and fluid management as per the WHO criteria.</li><li>4. Know how to apply the IMNCI guidelines in risk stratification of children with diarrheal dehydration.</li><li>5. Assess a case of fever with rash and demonstrate approach &amp; workup of the cases.</li><li>6. Assess a Case of fever with respiratory distress, demonstrate approach for management of the case.</li><li>7. Assess a case of fever without</li></ol> |



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

## ELECTIVE 5

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| Name of block  | Block 2  |
| Name of elective   | Adolescent Preventive Services   |
| Location of hospital lab or research facility            | Department Of Pediatrics<br>HIMSR and HAHC Hospital  |
| Name of internal preceptor (s)                           | Guide: Dr (Prof) Sangita Yadav<br>Co guide: Dr. Afreen Khan (Associate Professor)  |
| Name of external preceptor                               | NA   |
| Learning objectives of elective                          | <ul style="list-style-type: none"> <li>• To screen for adolescent health problems</li> <li>• Counselling to reduce risk</li> <li>• Providing Immunisation</li> <li>• Health guidance</li> </ul>  |
| 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              | <ol style="list-style-type: none"> <li>1. Screening of adolescents for <ul style="list-style-type: none"> <li>• Hypertension,</li> <li>• Obesity,</li> <li>• Eating disorders,</li> <li>• Physical/Sexual/Emotional abuse,</li> <li>• Learning and School problems,</li> <li>• Tobacco &amp; alcohol abuse depression and suicide risk screening,</li> <li>• Screening for STDs.</li> </ul> </li> <li>2. Anticipatory guidance to adolescents, parents and caregivers</li> <li>3. Immunisations</li> </ol> |
| Learning resources                                       | OP Ghai Essential Paediatrics 9 <sup>th</sup> Edition  |
| Expectation from students                                | Active participation in assessment, screening, counselling and maintaining confidentiality of subjects.  |
| Portfolio entries required                               | Assignments provided<br>Two worked up case records that have been presented  |

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|                         | 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<br>Formative: Participation in OP & IP rounds and team activities,<br>Presentation of worked up cases,<br>Documentation of attendance and required portfolio and log book entries |
| Logbook Format          | Daily Logbook entry  |
| 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) 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    | 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  |      |  |  |  |                             |                                      |

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|    | 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  |      |  |  |  |                             |                                      |



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|   | 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    | Participate in Inpatient rounds.  |      |  |  |  |                             |                                      |
| 2    | Attend OPD  |      |  |  |  |                             |                                      |
| 3    | Attend and Learn screening of adolescents for Hypertension, Obesity, Eating Disorder, Physical/Sexual/Emotional abuse, Learning and school problems, Tobacco & alcohol abuse depression and suicide risk screening, Screening for STDs. |      |  |  |  |                             |                                      |
| 4    | Attend and learn to provide anticipatory guidance to adolescents, parents and caregivers  |      |  |  |  |                             |                                      |
| 5    | Attend and learn to provide adolescent immunisation   |      |  |  |  |                             |                                      |
| 6    | Present at least 2 cases that are fully worked up in the teaching session.  |      |  |  |  |                             |                                      |