

QP Code:104506

Reg. No.:.....

**M.Ch. (Paediatric Surgery) Degree Regular/Supplementary  
Examinations April 2025**

**Paper IV - Recent Advances in Pediatric Surgery**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay: (20)**

1. Discuss briefly the development of ventricles, CSF (cerebrospinal fluid) pathway; aetiology and management of Hydrocephalus including the role of neuroendoscopy.

**Short essays: (8x10=80)**

2. Perioperative analgesia in paediatric surgery.
3. Tethered cord syndrome.
4. Extracorporeal Membrane Oxygenation (ECMO) –indications, principles and its role in Paediatric surgery.
5. Use of Botulinum Toxin in Paediatric Surgery.
6. Discuss in brief types of chest wall deformities; the various indices used to assess severity of Pectus Excavatum and its management.
7. What is a double blind study. Discuss the advantages and disadvantages between a prospective and retrospective study.
8. Robotic surgery in paediatrics.
9. Tracheostomy in Pediatrics- indications; technique and care of tracheostomy.

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