



## SAUDI BOARD RESIDENCY TRAINING PROGRAM

### PEDIATRIC NEUROLOGY

#### Promotion Examination

##### Written Examination Format:

- A written examination shall consist of one paper with not less than 100 MCQs with a single best answer (one correct answer out of four options). Up to 10% of unscored items can be added for pretesting purposes.
- The examination shall contain type K2 questions (interpretation, analysis, reasoning, and decision-making) and type K1 questions (recall and comprehension).
- The examination shall include basic concepts and clinical topics relevant to the specialty.
- Clinical presentation questions include history, clinical findings, and patient approach. Diagnosis and investigation questions; include the possible diagnosis and diagnostic methods. Management questions; including treatment and clinical management, either therapeutic or nontherapeutic, and complications of management. Materials and Instruments questions; including material properties, usage, and selection of instruments and equipment used. Health maintenance questions; include health promotion, disease prevention, risk factors assessment, and prognosis.

##### Passing Score:

The trainee's performance is assessed in each of the evaluation formulas according to the following scoring system:

Score	Less than 50%	50% – 59.4%	60% - 69.4%	More than 70%
Description	Clear Fail	Borderline Fail	Borderline Pass	Clear Pass

1. To upgrade the trainee from a training level to the next level, she/he must obtain at least a **Borderline Pass** in each evaluation form.
2. The program director may recommend to the local supervision committee to request the promotion of the trainee who did not meet the previous promotion requirement according to the following:
  - A. In case the trainee gets a **Borderline Fail** result in one of the evaluation forms, the remaining evaluation forms must be passed with **Clear Pass** in at least one of them.
  - B. In case the trainee gets a **Borderline Fail** result in two of the evaluation forms to a maximum, provided they do not fall under the same theme (Knowledge, Attitude, Skills). The remaining evaluation forms must be passed with **Clear Pass** in at least two of them.
  - C. The promotion must be approved in this case by the scientific council for the specialization.





## Blueprint Outlines:

### R1 & R2:

No.	Sections	Percentage
1	Cardiology	6%
2	Critical Care / Neonatal Problems and NICU / Emergency	20%
3	Development, Cognition, Language, and Learning	6%
4	Endocrinology	6%
5	Gastroenterology, Growth, and Nutrition / Adolescent Medicine	8%
6	Hematology / Oncology	7%
7	Infectious Diseases and Immunization	13%
8	Medical Genetics, Dysmorphology, and Metabolism	5%
9	Neurology / Psychiatry, Psychological and Behavioral Medicine	8%
10	Pediatric Surgery / Dermatology / Ophthalmology and ENT / Rheumatology / Orthopedics	6%
11	Pulmonology / Food and Drug Allergy and Immunology	10%
12	Renal and Genitourinary	5%
<b>Total</b>		<b>100%</b>

### R3 & R4:

No.	Sections	Percentage
1	Adult Neurology	12%
2	Basic Neuroscience	12%
3	General Pediatric Neurology <sup>1</sup>	30%
4	Pediatric Epilepsy	15%
5	Pediatric Neuromuscular	10%
6	Neuroradiology	10%
7	Genetic/Metabolic	6%
8	Neurodisability	5%
<b>Total</b>		<b>100%</b>

<sup>1</sup>**General Pediatric Neurology:** Emergency/PICU, Headache/migraine, Stroke in children, NICU/Nursery, Congenital, Infection, Autoimmune, Movement disorder, Neurocutaneous, Behavioral, Demyelinating.





### **Notes:**

- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.
- Research, Ethics, Professionalism, and Patient Safety are incorporated within various domains.

### **Suggested References:**

1. Swaiman's Pediatric Neurology.
2. Neurology of the Newborn – Joseph Volpe.
3. Fenichel's Clinical Pediatric Neurology
4. Bradley's Neurology in Clinical Practice.
5. Up-to-date online resources.
6. Pediatric Neuroimaging by James Barkovich
7. Continuum journal – last five years.
8. Neurology of Hereditary metabolic diseases by Kolodny and Pastores
9. Seminars in Pediatric Neurology- last five years.
10. Wyllie's textbook on Epilepsy

### **Crash Courses:**

- Outline of each course including suggested reading references given by the provider.

### **Note:**

This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.

