**Continued Accreditation Application:** **Child Neurology (Pediatrics)**

401 North Michigan Avenue • Chicago, Illinois 60611 • United States • +1.312.755.7042 • [www.acgme-i.org](http://www.acgme-i.org)

**Submission for Continued Accreditation:** This Advanced Specialty Application is for programs applying for **Continued Accreditation ONLY** and is used in conjunction with the Accreditation Data System (ADS).

All sections of the form applicable to the program must be completed for it to be accepted for review. The information provided should describe the existing program. For items that do not apply, indicate “N/A” in the space provided. Where patient numbers are requested, provide exact numbers as requested and indicate the exact dates for the data entered. If any requested information is unavailable, an explanation must be given, and it should also be indicated as unavailable in the appropriate place on the form. Once the form is complete, number the pages sequentially in the bottom center.

The program director is responsible for the accuracy of the information supplied in this form and must sign it. It must also be signed by the designated institutional official (DIO) of the Sponsoring Institution, who will submit the application electronically in ADS.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in Child Neurology. The International Foundational, Advanced Specialty, and Institutional Requirements may be downloaded from the ACGME International website: [www.acgme-i.org](http://www.acgme-i.org/).

Email questions regarding the form’s content to acgme-i@acgme-i.org.

Email questions regarding ADS to ADS@acgme.org (type the program number in the subject line).

**Continued Accreditation Application: Child Neurology (Pediatrics)**

401 North Michigan Avenue • Chicago, Illinois 60611 • United States • +1.312.755.7042 • [www.acgme-i.org](http://www.acgme-i.org)

|  |
| --- |
| Program Name: Click here to enter text. |

**Table of Contents**

When the forms are completed forms, **number each page sequentially in the bottom center**. Report this pagination in the Table of Contents and submit this cover page with the completed application.

|  |  |
| --- | --- |
| **Advanced Specialty Application**   | **Page(s)**   |
| **Int. Introduction**  | # |
| Duration of Education   | # |
| **I. Institution**  | # |
| I.A. Sponsoring Institution   | # |
| I.B. Participating Sites   | NA  |
| **II. Program Personnel and Resources**  | # |
| II.A. Program Director   | # |
| II.B. Faculty   | # |
| II.C. Other Program Personnel   | NA |
| II.D. Resources   | # |
| **III. Fellow Appointment** | # |
| III.A. Eligibility Criteria | # |
| III.B. Number of Fellows   | NA |
| **IV. Specialty-Specific Educational Program**  | # |
| IV.A. ACGME-I Competencies  | # |
| IV.B. Regularly Scheduled Educational Activities | # |
| IV.C. Clinical Experiences | # |
| IV.D. Scholarly Activity  | # |
| **V. Evaluation**  | NA |
| **VI. The Learning and Working Environment**  | # |
| VI.A. Principles | NA  |
| VI.B. Patient Safety | NA |
| VI.C. Quality Improvement | NA |
| VI.D. Supervision and Accountability | # |
| VI.E. Professionalism | NA |
| VI.F. Well-Being | NA |
| VI.G. Fatigue | NA |
| VI.H. Transitions of Care | NA |
| VI.I. Clinical Experience and Education | NA |
| VI.J. On-Call Activities | NA |
| Appendix A. Formal Didactic Sessions by Academic Year | # |

**New Application: Child Neurology (Pediatrics)**

401 North Michigan Avenue • Chicago, Illinois 60611 • United States • +1.312.755.7042 • [www.acgme-i.org](http://www.acgme-i.org)

**Introduction**

**Duration and Scope of Education**

|  |
| --- |
| * + - 1. What is the length, in months, of the educational program?

Choose a length. |

**Institutions**

**Sponsoring Institution**

1. Does the fellowship function as an integral part of an ACGME-I-accredited residency in pediatrics? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Does the fellowship have an affiliation with an ACGME-I-accredited neurology program? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Is the fellowship program geographically proximate to the affiliated core pediatric residency program? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program ensure the fellowship does not negatively affect the education of residents in the affiliated neurology or pediatric residency programs? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Program Personnel and Resources**

**Program Director**

1. Does the program director mentor or guide fellows in the skills necessary to the practice of child neurology in the following areas?
2. Advocacy [ ] YES [ ] NO
3. Clinical care [ ] YES [ ] NO
4. Quality improvement [ ] YES [ ] NO
5. Research [ ] YES [ ] NO
6. Teaching [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Does the program director ensure each fellow:
2. documents procedural experience? [ ] YES [ ] NO
3. is provided with mentorship to develop necessary skills? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do semiannual meetings address a departmental approach to common educational issues and concerns, including core curriculum, the Competencies, and evaluation? [ ] YES [ ] NO

 Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. What is the extent of the program director’s authority and responsibility to set and adjust fellows’ clinical responsibilities, and to ensure fellows have appropriate clinical responsibilities and an appropriate patient load? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program director monitor fellow stress, and recognize and resolve situations that demand excessive service or consistently produce undesirable stress? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Does the program director approve and monitor the quality of the curriculum in adult neurology? [ ] YES [ ] NO

 Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Faculty**

1. Are there at least two faculty members, including the program director? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program ensure faculty members encourage and support fellows in scholarly activities, including mentoring fellows in the application of scientific principles, epidemiology, biostatistics, and evidence-based medicine that have implications for the field of child neurology? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Are there scholarly activities in basic science, clinical care, health services, health policy, quality improvement, or education with implications for the field of child neurology? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Complete the table below to indicate the faculty members with expertise in each specified area.

|  |  |
| --- | --- |
| Practice Area | Faculty Member(s) Name(s) |
| Adult critical care medicine |  |
|  |
|  |
| Adult infectious disease |  |
|  |
|  |
| Child and adolescent psychiatry |  |
|  |
|  |
| Clinical neurophysiology |  |
|  |
|  |
| Cognitive development |  |
|  |
|  |
| Neonatal neurology  |  |
|  |
|  |
| Neurogenetics |  |
|  |
|  |
| Neuroimaging |  |
|  |
|  |
| Neuroimmunology |  |
|  |
|  |
| Neuromuscular disorders |  |
|  |
|  |
| Neuro-oncology |  |
|  |
|  |
| Neuro-ophthalmology |  |
|  |
|  |
| Pain management |  |
|  |
|  |
| Pediatric critical care medicine |  |
|  |
|  |
| Pediatric infectious disease  |  |
|  |
|  |

List any faculty members not included in the table above, as well as their specialty.

|  |
| --- |
| Click here to enter text. |

1. Are there consultants with expertise in adult neurology available to the program for transition care of young adults? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Resources**

1. Inpatient data: Provide the following information for the most recent 12-month period. The same timeframe and site numbers (as assigned in ADS, with Site #1 being the primary clinical site) should be used throughout the application.

|  |  |  |
| --- | --- | --- |
| **Inclusive Dates:** | **From:** Click here to enter a date. | **To:** Click here to enter a date. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| Bed Capacity |
| Child neurology beds (assigned or available) | # | # | # | # |
| Admission Data (past year) |
| Total admissions to child neurology service | # | # | # | # |
| Percent male | #% | #% | #% | #% |
| Average daily census on child neurology | # | # | # | # |
| Average Monthly Team Size |
| Child neurology fellows | # | # | # | # |
| Rotating residents | # | # | # | # |
| Students | # | # | # | # |

1. Inpatient Statistics: Provide the number of inpatients in each of the following diagnostic categories that were available in the program for the past year. Each patient should be listed only once in the most appropriate category.

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Autoimmune/Vasculitis | # | # | # | # |
| Child Neurology-Other - genetic disorders, developmental defects, perinatal insults, etc. | # | # | # | # |
| Degenerative Diseases | # | # | # | # |
| Disorders of Cognitive Function | # | # | # | # |
| Disorders of Cranial Nerves | # | # | # | # |
| Disorders of Intracranial Pressure | # | # | # | # |
| Disorders of Spinal Cord, Nerve Roots, and Plexus | # | # | # | # |
| Drug Effects and Dependency | # | # | # | # |
| Endocrine Disorders | # | # | # | # |
| Epilepsy | # | # | # | # |
| Infectious Diseases | # | # | # | # |
| Metabolic Diseases | # | # | # | # |
| Movement Disorders | # | # | # | # |
| Multiple Sclerosis | # | # | # | # |
| Muscle Diseases | # | # | # | # |
| Neoplastic Diseases | # | # | # | # |
| Neuropathies | # | # | # | # |
| Nutritional Deficiencies | # | # | # | # |
| Other Neurologic Diagnoses | # | # | # | # |
| Pain Disorders | # | # | # | # |
| Psychiatric Conditions | # | # | # | # |
| Sleep Disorders | # | # | # | # |
| Stroke, Anoxia, and Hypoxia | # | # | # | # |
| Syncope and Other Alterations of Consciousness | # | # | # | # |
| Toxic Disorders | # | # | # | # |
| Traumatic Injuries | # | # | # | # |
| Miscellaneous | # | # | # | # |
| TOTAL | # | # | # | # |

1. Consultation data: Note the number of consults for pediatric patients with acute neurological disorders in the intensive care unit and emergency department

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Number of consultations per year | # | # | # | # |
| Inpatient (other than NICU) | # | # | # | # |
| Emergency room | # | # | # | # |
| Nursery ICU | # | # | # | # |

1. Consultation diagnostic categories: Provide the number of consults in each of the following diagnostic categories that were available in the program for the past year. Each patient should be listed only once in the most appropriate category.

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Autoimmune/Vasculitis | # | # | # | # |
| Child Neurology-Other - genetic disorders, developmental defects, perinatal insults, etc. | # | # | # | # |
| Degenerative Diseases | # | # | # | # |
| Disorders of Cognitive Function | # | # | # | # |
| Disorders of Cranial Nerves | # | # | # | # |
| Disorders of Intracranial Pressure | # | # | # | # |
| Disorders of Spinal Cord, Nerve Roots, and Plexus | # | # | # | # |
| Drug Effects and Dependency | # | # | # | # |
| Endocrine Disorders | # | # | # | # |
| Epilepsy | # | # | # | # |
| Infectious Diseases | # | # | # | # |
| Metabolic Diseases | # | # | # | # |
| Movement Disorders | # | # | # | # |
| Multiple Sclerosis | # | # | # | # |
| Muscle Diseases | # | # | # | # |
| Neoplastic Diseases | # | # | # | # |
| Neuropathies | # | # | # | # |
| Nutritional Deficiencies | # | # | # | # |
| Other Neurologic Diagnoses | # | # | # | # |
| Pain Disorders | # | # | # | # |
| Psychiatric Conditions | # | # | # | # |
| Sleep Disorders | # | # | # | # |
| Stroke, Anoxia, and Hypoxia | # | # | # | # |
| Syncope and Other Alterations of Consciousness | # | # | # | # |
| Toxic Disorders | # | # | # | # |
| Traumatic Injuries | # | # | # | # |
| Miscellaneous | # | # | # | # |
| TOTAL | # | # | # | # |

1. Indicate whether the facilities and resources listed below are available for all participating sites listed in ADS.

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| **Diagnostic Resources** |
| **Electrodiagnostic** |
| Ambulatory EEGs  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Electroencephalogram (EEG) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Electromyography (EMG)/Nerve Conduction Velocity (NCV) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Evoked Potentials- Visual, Auditory, Somatosensory  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Intra-operative Monitoring  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Single Fiber Studies  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Video EEG Monitoring  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| **Diagnostic Radiological Services** |
| Computed Tomography (CT) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Magnetic Resonance Imaging (MRI) and Magnetic Resonance Angiogram (MRA) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Modified Rankin Scale (MRS) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Positron Emission Tomography (PET) (SPECT) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Single Photon Emission Computed Tomography  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| **Related Diagnostic and Therapeutic Services** |
| Child Psychiatric Services  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Cytogenetics and Genetic Testing  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Genetic Counseling Service  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Interventional Neuroradiology | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Occupational Therapy | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Pain management | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Pediatric Rehabilitation Medicine | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Physical Therapy | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Radiation Oncology Service and Facilities  | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Psychology Services | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Social Services | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Speech and Language Therapy and Audiology | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |

1. Outpatient Data: Child Neurology Clinics

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Average number of visits per month | # | # | # | # |
| Average number of new patients per month | # | # | # | # |
| Planned average number of child neurology residents per clinic | # | # | # | # |
| Planned frequency of child neurology residents assignment to clinic | # | # | # | # |
| Average number of attendings in child neurology resident clinics | # | # | # | # |
| Planned average number of child neurology fellows in attending clinics | # | # | # | # |

1. Outpatient Diagnostic Categories: Provide the number of outpatients in each of the following diagnostic categories that were available in the program for the past year. Each patient should be listed only once in the most appropriate category. Reference site numbers in ADS.

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Autoimmune/Vasculitis | # | # | # | # |
| Child Neurology-Other- genetic disorders, developmental defects, perinatal insults, etc. | # | # | # | # |
| Degenerative Diseases | # | # | # | # |
| Disorders of Cognitive Function | # | # | # | # |
| Disorders of Cranial Nerves | # | # | # | # |
| Disorders of Intracranial Pressure | # | # | # | # |
| Disorders of Spinal Cord, Nerve Roots, and Plexus | # | # | # | # |
| Drug Effects and Dependency | # | # | # | # |
| Endocrine Disorders | # | # | # | # |
| Epilepsy | # | # | # | # |
| Infectious Diseases | # | # | # | # |
| Metabolic Diseases | # | # | # | # |
| Movement Disorders | # | # | # | # |
| Multiple Sclerosis | # | # | # | # |
| Muscle Diseases | # | # | # | # |
| Neoplastic Diseases | # | # | # | # |
| Neuropathies | # | # | # | # |
| Nutritional Deficiencies | # | # | # | # |
| Other Neurologic Diagnoses | # | # | # | # |
| Pain Disorders | # | # | # | # |
| Psychiatric Conditions | # | # | # | # |
| Sleep Disorders | # | # | # | # |
| Stroke, Anoxia, and Hypoxia | # | # | # | # |
| Syncope and Other Alterations of Consciousness | # | # | # | # |
| Toxic Disorders | # | # | # | # |
| Traumatic Injuries | # | # | # | # |
| Miscellaneous | # | # | # | # |
| TOTAL | # | # | # | # |

1. How does the program ensure there are adequate numbers and variety of child and adult neurology patients with both short- and long-term neurological problems and diversified as to age and gender to provide a broad experience for fellows? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Fellow Appointment**

**Eligibility Criteria**

1. How does the program ensure all fellows have completed an ACGME-I-accredited pediatric residency or another pediatric residency program that is acceptable to the Sponsoring Institution’s Graduate Medical Education Committee? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How do graduating fellows demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles, including trustworthiness, leadership skills, and the capacity to recognize that ambiguity is part of clinical medicine, and to respond by utilizing appropriate resources in dealing with uncertainty? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Patient Care and Procedural Skills**

1. How do graduating fellows demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this is evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in providing consultation, performing a history and physical examination, making informed diagnostic and therapeutic decisions that result in optimal clinical judgement, and developing and carrying out management plans?

Describe how competence is evaluated. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in providing transfers of care that ensure seamless transitions, counseling patients and patients’ families, using information technology to optimize patient care, and providing appropriate role modeling and supervision?

Describe how competence is evaluated. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in providing for or coordinating with a medical home for patients with complex and chronic diseases?

Describe how competence is evaluated. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in conducting a thorough neurological examination, to include organizing and recoding data?

Describe how competence is evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in the following?
2. Consulting and referring to mental health providers
3. Managing neurological disorders interacting with psychiatric disorders
4. Recognizing psychiatric disorders in children and adolescents

Describe how each of the above is evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate competence in managing pediatric patients with acute neurological disorders in an intensive care unit and an emergency department? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate their ability to manage infants, children, and adolescents with common and complex neurologic disorders, including the following?
2. Epilepsy
3. Headaches
4. Neurogenetic problems
5. Neurometabolic problems
6. Pediatric stroke

Provide examples of how competence is assessed in three of the five disorders listed and indicate if any of the above are not available to fellows. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How are graduating fellows assessed in their ability to use and interpret the results of laboratory tests, imaging, and neurodiagnostic tests? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Medical Knowledge**

1. How do graduating fellows demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care?

Describe how knowledge is evaluated. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate knowledge of the following?

a. Bioethics

b. Biostatistics

c. Clinical and laboratory research methodology

d. Critical literature review

e. Ethical principles involving clinical research

f. Preparation of applications for funding and/or approval of clinical research protocols

g. Principles of evidence-based medicine

h. Study design

i. Teaching methods

Provide examples of how knowledge is assessed in five of the nine areas listed. (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate knowledge of the following?
	1. The basic principles of psychopathology, common psychiatric diagnosis and therapies, and the indications of and common complications of psychiatry drugs
	2. The basic principles of rehabilitation for neurological disorders, including pediatric neurological disorders
	3. The psychological aspects of the patient-physician relationship, and the importance of personal, social, and cultural factors in disease processes and their clinical expression
	4. The use of principles of bioethics and the provision of appropriate and cost-effective evaluation and treatment for children with neurologic disorders

Provide examples of how knowledge is assessed in two of the four areas listed. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate knowledge of the basic sciences on which clinical child neurology is founded, through application of this knowledge in the care of their patients, including the following?
	1. Epidemiology and statistics
	2. Genetics
	3. Immunology
	4. Molecular biology
	5. Neural and behavioral development
	6. Neuroanatomy
	7. Neurochemistry
	8. Neuroimaging
	9. Neuropathology
	10. Neuropharmacology
	11. Neurophysiology
	12. Neuropsychololgy

Provide examples of how knowledge is assessed in seven of the 12 areas listed. (Limit 600 words)

|  |
| --- |
| Click here to enter text. |

**Practice-based Learning and Improvement**

1. How do graduating fellows demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning?

Describe how these skills are evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Interpersonal and Communication Skills**

1. How do graduating fellows demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals?

Describe how these skills are evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate skill in teaching both individuals and groups of learners in clinical settings, classroom, lectures, and seminars, as well as by electronic and print modalities? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate skill in providing feedback to learners and assessing educational outcomes? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How do graduating fellows demonstrate the ability to provide psychosocial support and counseling for patients and patients’ family members about terminal palliative care? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Systems-based Practice**

1. How do graduating fellows demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care?

Describe how these skills are evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Regularly Scheduled Educational Activities**

1. Complete Appendix A., Formal Didactic Sessions by Academic Year, and attach to submission.
2. Do fellows have a formally-structured educational program in clinical and basic sciences related to child neurology? [ ] YES [ ] NO

If ‘YES”:

1. do clinical neurology faculty members supervise and direct clinical teaching rounds? [ ] YES [ ] NO
2. do clinical teaching rounds occur at least five days per week? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do child neurology conferences involve active participation by the fellows in planning and implementation? [ ] YES [ ] NO

Explain if ‘NO. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do conferences include the following topics appropriate to child neurology?
2. Anatomy and physiology [ ] YES [ ] NO
3. Biochemistry [ ] YES [ ] NO
4. Bioethics [ ] YES [ ] NO
5. Complications of care [ ] YES [ ] NO
6. Embryology [ ] YES [ ] NO
7. End-of-life care [ ] YES [ ] NO
8. Genetics [ ] YES [ ] NO
9. Immunology [ ] YES [ ] NO
10. Microbiology [ ] YES [ ] NO
11. Nutrition and metabolism [ ] YES [ ] NO
12. Palliation and death [ ] YES [ ] NO
13. Pathology [ ] YES [ ] NO
14. Pathophysiology of disease [ ] YES [ ] NO
15. Pharmacology [ ] YES [ ] NO
16. Reviews of recent advances in clinical medicine and biomedical research

 [ ] YES [ ] NO

1. Scientific, ethical, and legal implications of confidentiality and informed consent

 [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do conferences include topics on the economics of heath care and current health care management issues, such as cost-effective patient care, practice management, preventive care, population health, quality improvement, resource allocation, and clinical outcomes? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Are the following included in the curriculum?
2. Cerebrovascular disease [ ] YES [ ] NO
3. Clinical neurophysiology [ ] YES [ ] NO
4. Cognitive and behavioral development [ ] YES [ ] NO
5. Critical care [ ] YES [ ] NO
6. Epilepsy [ ] YES [ ] NO
7. General and child neurology [ ] YES [ ] NO
8. Infectious disease [ ] YES [ ] NO
9. Movement disorders [ ] YES [ ] NO
10. Neurogenetics [ ] YES [ ] NO
11. Neuroimaging [ ] YES [ ] NO
12. Neuroimmunology [ ] YES [ ] NO
13. Neurometabolism [ ] YES [ ] NO
14. Neuromuscular disease [ ] YES [ ] NO
15. Neuro-oncology [ ] YES [ ] NO
16. Neuropathology [ ] YES [ ] NO
17. Neuroradiology [ ] YES [ ] NO
18. Pain management [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Are gross and microscopic pathology conferences and clinical pathology conferences held? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Clinical Experiences**

For programs that are 36 months in length, answer Questions 1 and 2 below. For programs that are 48 months in length, answer Questions 3 and 4 below.

1. Do fellows have at least six months of adult neurology experience? [ ] YES [ ] NO

If ‘YES’:

1. are there at least two months of adult neurology elective? [ ] YES [ ] NO
2. are there at least two months of outpatient adult neurology? [ ] YES [ ] NO
3. are there no more than two months of experience treating inpatient or outpatient adult stroke patients? [ ] YES [ ] NO
4. do at least two months include management of patients admitted to an inpatient service requiring neurologic care? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do fellows have at least 24 months of child neurology experience? [ ] YES [ ] NO

If ‘YES’:

1. are there elective experiences? [ ] YES [ ] NO
2. do fellows have at least 18 months of inpatient child neurology experience?

 [ ] YES [ ] NO

1. is there outpatient child neurology experience? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do fellows have at least eight months of adult neurology experience? [ ] YES [ ] NO

If ‘YES’:

1. are there at least two months of adult neurology elective experience? [ ] YES [ ] NO
2. are there no more than four months of experience treating inpatient or outpatient adult stroke patients? [ ] YES [ ] NO
3. do at least three months include management of patients admitted to an inpatient service requiring neurologic care? [ ] YES [ ] NO
4. is there at least three months of outpatient adult neurology? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do fellows have at least 34 months of child neurology experience? [ ] YES [ ] NO

If ‘YES’:

1. are there elective experiences? [ ] YES [ ] NO
2. do fellows have at least 24 months of inpatient child neurology experience?

 [ ] YES [ ] NO

1. is there outpatient child neurology experience? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Do all fellows have at least one month of experience in each of the following?
2. Child and adolescent psychiatry [ ] YES [ ] NO
3. Pediatric neurophysiology [ ] YES [ ] NO
4. Pediatric neuroradiology [ ] YES [ ] NO
5. Neuro-ophthalmology [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program ensure that during inpatient rotations in child neurology, fellows have management responsibility for hospitalized patients with neurological disorders, including pediatric patients with acute neurological disorders in an intensive care unit and in an emergency department? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Do all fellows have the following experiences?
2. Evaluating and managing patients with disorders of the nervous system requiring surgical management [ ] YES [ ] NO
3. Providing consultation to a medical service [ ] YES [ ] NO
4. Providing consultation to a psychiatric service [ ] YES [ ] NO
5. Providing consultation to a surgical service [ ] YES [ ] NO

 Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program ensure fellows have responsibility for providing longitudinal care to a panel of patients throughout their educational program that is supervised by one or more members of the child neurology faculty? (limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Does fellows’ longitudinal experience include the following?
	* + - 1. At least one half-day weekly throughout the duration of the program [ ] YES [ ] NO
				2. Caring for a panel of patients that is representative of the types of neurological disorders fellows are likely to encounter in practice [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Fellows’ Scholarly Activities**

1. Describe the curriculum in research and scholarship. Include the topics that are covered, the type and number of sessions planned, and if the curriculum is a collaborative effort involving all pediatric subspecialty programs at the institution. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

2. How does the program ensure each fellow designs and conducts a scholarly project in the area of child neurology with guidance from the fellowship program director and a designated mentor? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Does the program have a Scholarship Oversight Committee for each fellow? [ ] YES [ ] NO

If ‘YES,’ answer a. and b. below.

1. Does the Scholarship Oversight Committee oversee and evaluate each fellow’s progress on scholarly activity? [ ] YES [ ] NO
2. Is the Scholarship Oversight Committee a collaborative effort involving other pediatric subspecialty programs or other experts? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Does each fellow’s designated mentor:
2. have approval by the Scholarship Oversight Committee? [ ] YES [ ] NO
3. have expertise in the fellow’s area of scholarly interest, either as a faculty member in child neurology or through collaboration with other departments? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How does the program ensure each fellow’s scholarly experience begins in the first year and continues for the entire length of the educational program, and is structured to allow development of skills in research and scholarship with sufficient time for project completion and presentation of results to the Scholarship Oversight Committee? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Faculty Scholarly Activity**

1. Does the program director have ongoing involvement in scholarly activity? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**The Learning and Working Environment**

**Supervision and Accountability**

1. How does the program ensure sufficient supervision of fellows, including how fellows are provided with prompt, reliable systems for communication and interaction with supervising physicians and how explicit written descriptions of supervisory responsibility for patient care are provided to all program staff members? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

**Appendix A. Formal Didactic Sessions by Academic Year**

For each year of the fellowship, attach (Label: Appendix A.) a list of all scheduled didactic courses (including discussion groups, seminars and conferences, grand rounds, basic science, skills labs, and journal club) at all participating sites to which fellows rotate, using the format below. If attended by fellows from multiple years, list in each year but provide a full description *only the first time a site is listed*.

Number sessions **consecutively** from the first year through the final year so that the scheduled didactic sessions can be easily referenced throughout the application. **Be brief and use the outline that follows**.

Year in the Program:

Number: Title:

a) Type of Format (e.g., seminar, conference, discussion groups)

b) Required or elective

c) Brief description (three or four sentences)

d) Frequency, length of session, and total number of sessions

**Example:**

|  |
| --- |
| Y-101. Introduction to child neurologya) Seminarb) Required Y-1c) Survey of contemporary methods and styles of child neurology, including approaches to clinical work with minority populationsd) Weekly, for 8 sessions02. Departmental Grand Roundsa) Discussion groupsb) Required, Y-1, Y-2, Y-3; Elective c) Clinical case presentations, sponsored by each departmental division, followed by discussion and review of contemporary state of knowledge. Format includes fellow presentations and discussions with additional faculty discussant.d) Twice monthly, 24 sessions |

If fellow attendance is monitored, explain how this is accomplished and how feedback is given regarding non-attendance. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |