**New Application: Neuromuscular Medicine**

**Review Committee for Neurology or Physical Medicine and Rehabilitation**

**ACGME**

**Sponsoring Institution**

1. Does the Sponsoring Institution also sponsor ACGME-accredited residencies in the following specialties: [PR.1.2.a.]
2. Child neurology [ ]  YES [ ]  NO
3. Neurology [ ]  YES [ ]  NO
4. Physical medicine and rehabilitation [ ]  YES [ ]  NO

**Program Personnel and Resources**

**Program Director**

1. Will the program director be provided with support equal to a dedicated minimum time of 0.1 FTE? [PR 2.3.a.] [ ]  YES [ ]  NO
2. For programs with four or more fellows, will the program director be provided with support equal to a dedicated minimum time of 0.15 FTE? [PR 2.3.a.]
 [ ]  YES [ ]  NO
3. Will there be a program coordinator to assist the program director in the administration of the program? [PR 2.11.b.] [ ]  YES [ ]  NO

**Faculty**

1. Are faculty members with expertise in the following areas available to instruct fellows? [PR 2.6.a.]
2. Performance and interpretation of - nerve conduction studies [PR 2.6.a.] [ ]  YES [ ]  NO
3. Teaching the principles of nerve and muscle biopsy and clinical molecular genetics, including indications, techniques, limitations, and complications [PR 2.6.a.]

 [ ]  YES [ ]  NO

**Resources**

1. For each site, will fellows have adequate access to the following: [1.8.b.-1.8.c.1.] *Add columns as needed*

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| Neuromuscular pathology interpretation? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Genetic testing? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Clinical electromyography? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Management of outpatient neuromuscular medicine patients? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Management of inpatient neuromuscular patients? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Does this include patients in emergency and intensive care settings? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| A number and variety of patients adequate to support fellows’ education without adversely impacting the education of residents? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| A patient population with both short- and long-term neuromuscular problems, both inpatient and outpatient? | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Patients with a wide range of neuromuscular diseases across the lifespan? (including Anterior horn cell disease, myopathy, plexopathy, mononeuropathy, polyneuropathy, radiculopathy, neuromuscular junction disease) | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |

1. Use the table below to list the following office space and resources. Sites are identified and numbered in ADS. [PR 1.8.a.] *Add columns as needed.*

|  | **Site #1** | **Site #2** | **Site #3** |
| --- | --- | --- | --- |
| Faculty Offices and Facilities |
| Neuromuscular medicine faculty offices | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Secretary office space for neuromuscular medicine | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Fellow Offices and Resources |
| Adequate workspace | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |
| Offices for fellows | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO | [ ]  YES [ ]  NO |

**Educational Program**

**Patient Care**

Indicate the settings and activities in which fellows will demonstrate competence in the following areas of patient care. Also indicate the method(s) that will be used to assess competence.

|  |  |  |
| --- | --- | --- |
| **Competency Area** | **Settings/Activities** | **Assessment Method(s)** |
| Evaluating and managing patients with a wide range of diseases, including: |
| Anterior horn cell disease[PR 4.5.a.1.] | Click here to enter text. | Click here to enter text. |
| Myopathy[PR 4.5.a.2.] | Click here to enter text. | Click here to enter text. |
| Neuromuscular junction disorders[PR 4.5.a.3.] | Click here to enter text. | Click here to enter text. |
| Plexopathy, mononeuropathy, and polyneuropathy[PR 4.5.a.4.] | Click here to enter text. | Click here to enter text. |
| Radiculopathy[PR 4.5.a.5.] | Click here to enter text. | Click here to enter text. |
| Evaluation and management of patients with a wide variety of disorders of the muscle, neuromuscular junction, nerve, and motor neuron, including: |
| Interviewing and examining patients with neuromuscular diseases[PR 4.5.b.1.] | Click here to enter text. | Click here to enter text. |
| Differential diagnosis for the various clinical presentations of neuromuscular problems[PR 4.5.b.2.] | Click here to enter text. | Click here to enter text. |
| Use of the appropriate investigations for diagnosis of neuromuscular disorders, including laboratory, pathologic, and radiologic[PR 4.5.b.3.] | Click here to enter text. | Click here to enter text. |
| Performance and reporting of nerve conduction studies and EMG; and[PR. 4.5.b.4.] | Click here to enter text. | Click here to enter text. |
| Skills to manage inpatients and outpatients with neuromuscular diseases[PR 4.5.b.5.] | Click here to enter text. | Click here to enter text. |

**Medical Knowledge**

Indicate the activity(ies) (lectures, conferences, journal clubs, clinical teaching rounds, etc.) in which fellows will demonstrate competence in their knowledge in each of the following areas. Also indicate the method(s) that will be used to assess competence.

| **Competency Area** | **Settings/Activities** | **Assessment Method(s)** |
| --- | --- | --- |
| Knowledge of: |
| Application and understanding of nerve and muscle biopsy, molecular and genetic tests, and electrophysiologic testing, and neuromuscular ultrasound[PR 4.6.a.] | Click here to enter text. | Click here to enter text. |
| Differential diagnosis for a wide range of neuromuscular problems[PR 4.6.b.] | Click here to enter text. | Click here to enter text. |
| All available treatments, and awareness of their risks and benefits[PR 4.6.c.] | Click here to enter text. | Click here to enter text. |
| The knowledge required to evaluate and manage patients of all ages with neuromuscular disorders [PR 4.6.d.] | Click here to enter text. | Click here to enter text. |
| Integrating information obtained from patient history, physical examination, and diagnostic testing, including electrodiagnosis, biopsy, and immunological and molecular tests, to arrive at an accurate and timely diagnosis and treatment plan[PR 4.6.e.] | Click here to enter text. | Click here to enter text. |
| Use of all available treatments (e.g., immunomodulatory agents) and awareness of their side effects[PR 4.6.f.] | Click here to enter text. | Click here to enter text. |
| Rehabilitation aspects of neuromuscular disorders, neuroanatomy, neurophysiology, neuropathology, and safety issues related to diagnostic testing[PR 4.6.g.] | Click here to enter text. | Click here to enter text. |
| Nerve conduction and EMG studies, including neuromuscular junction testing, and the pathology of nerve and muscle biopsies[PR 4.6.h.] | Click here to enter text. | Click here to enter text. |

**Practice-based Learning and Improvement**

1. Briefly describe one planned quality improvement activity or project that will allow fellows to demonstrate the 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 life-long learning. [PR 4.7.] (Limit response to 400 words)

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**Interpersonal and Communication Skills**

1. Briefly describe one learning activity in which fellows will demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. [PR 4.8.] (Limit response to 400 words)

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**Professionalism**

1. Briefly describe the learning activity(ies), other than lecture, by which fellows will develop a commitment to carrying out professional responsibilities and an adherence to ethical principles. [PR 4.3.] (Limit response to 400 words)

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**Systems-based Practice**

1. Briefly describe the learning activity(ies) by which fellows will demonstrate an awareness of and responsiveness to the larger context and system of health care, including the structural and social determinants of health, as well as the ability to call effectively on other resources in the system to provide optimal health care. [PR 4.9.] (Limit response to 400 words)

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**Curriculum Organization and Fellow Experiences**

1.

2. Briefly describe how the program will ensure that fellows are provided experience in the care of patients with neuromuscular diseases, EMG and nerve conduction studies, autonomic function testing, nerve and muscle pathology, chemodenervation, and neuromuscular rehabilitation. Include a description of opportunities that will be available for fellows to observe nerve and muscle biopsies. [PR 4.11.a.1.; 4.11.a.3.]

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3. Briefly describe how the program will ensure that fellows gain experience in the inpatient management and evaluation of patients presenting with acute and severe neuromuscular disorders. [PR 4.11.b.1.]

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4. Briefly describe how the program will ensure that fellows are provided with experience in critical care management of patients with conditions such as myasthenic crisis and acute and severe Guillain-Barre syndrome. [PR 4.11.b.2.]

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5. Briefly describe the opportunities for fellows to gain experience in the outpatient evaluation and diagnosis of patients with non-emergent neuromuscular disease manifestations. [PR 4.11.b.3.]

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6. Briefly describe how fellows will gain experience in the ordering and clinical interpretation of electrophysiologic studies and their role in the diagnosis and management of patients.
[PR 4.11.b.4.]

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7. Briefly describe how fellows will gain experience in the ordering and clinical interpretation of diagnostic blood tests, including those involving molecular genetic testing. [PR 4.11.b.5.]

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8. Briefly describe how fellows will gain experience consulting with other medical professionals, including cardiologists, geneticists, neurological surgeons, pathologists or neuropathologists, pediatricians, physical medicine and rehabilitation physicians, radiologists and, in the overall care and management of patients with neuromuscular disorders. [PR 4.11.b.6.]

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9. List didactic lectures and courses in neuromuscular medicine. Indicate with an asterisk which lectures are mandatory for the fellows. [PR 4.11.c.]

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10. List neuromuscular medicine clinical conferences. Indicate which conferences are mandatory for the fellows. [PR 4.11.c.1.]

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**Fellow Scholarly Activity**

1. Briefly describe how the curriculum will advance fellows’ knowledge of the basic principles of evidence-based medicine and research, including how research is conducted, evaluated, explained to patients, and applied to patient care. [PR 4.15.]

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1. Will fellows participate in scholarly activity under the mentorship of program faculty members? [PR 4.15.a.] [ ]  YES [ ]  NO

Explain if NO.

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| Click here to enter text. |

1. Briefly describe the educational resources that will be allocated by the Sponsoring Institution and the program to facilitate fellow involvement in scholarly activity. [PR 4.15.b.]

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1. Will fellows receive support to attend one regional, national, or international professional conference during the program? [PR 4.15.c.] [ ]  YES [ ]  NO

Explain if NO.

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