Multiple Sclerosis Comprehensive Care Center

Oversight for Multiple Sclerosis Non-ACGME Fellowship Program

Program Director: Ilya Kister, MD
Senior Manager: Sylvie Rainaldi, MHA
Program Coordinator: Luisa Gutierrez-Chacon

Multiple Sclerosis Training Program Description and Scope of Practice

Goal of Fellowship

1. To educate physicians (primarily neurologists) in diagnosis and management of the complex myriad of manifestations of Multiple Sclerosis and other demyelinating conditions.
2. To train specialists for independent practice in the subspecialty area of Multiple Sclerosis, thereby assisting in addressing a national shortage in this area.
3. To train neurologists in the application of principles of rehabilitation medicine and quality of life outcomes in the context of chronic disabling disorders.
4. To identify potential candidates for development and enhancement of the clinical and research faculty of the NYU Multiple Sclerosis Comprehensive Care Center (NYU MS Center)
5. To help further the development of novel clinical research measures developed recently in the MS Center.
6. To further the leadership role and reputation of NYU in the field of Multiple Sclerosis.

Role of the MS Fellow

One 1 year clinical fellowship in MS is proposed. Fellowship will be devoted equally to clinical care (50% effort) and clinical research (50% effort).

Educational Component

1. Fellow will participate in regular interdisciplinary team management conferences.
2. Fellow will participate in special conferences (e.g. Family conferences, inpatient rehabilitation team meetings) as necessary.
3. Fellow will successfully complete the MS Neurostatus online testing for proficiency in outcomes assessment.
4. Fellow will become knowledgeable in principles of rehabilitation medicine, as applied to MS.
5. Fellow will prepare consultations at NYU hospitals for presentation to attending physicians, as requested.
Clinical Care Component

In the clinical learning environment, each patient must have an identifiable, appropriately-credentialed and privileged attending physician (or licensed independent practitioner) who is ultimately responsible for that patient’s care. This information should be available to fellows, faculty members, and patients. Fellows and faculty members should inform patients of their respective roles in each patient’s care.

The program director has the authority and responsibility to set appropriate clinical responsibilities and supervisory level for the fellow.

The clinical responsibilities for the fellow are based on patient safety, education, severity of patient illness/condition, and available support services. The fellow must know the limits of his/her scope of authority and the circumstances under which he/she is permitted to act with conditional independence.

Supervision

The MS fellowship utilizes the following classification of supervision:

- Direct Supervision – the supervising physician is physically present with the fellow and patient
- Indirect Supervision:
  - with direct supervision immediately available – the supervising physician is physically within the hospital or other site of patient care, and is immediately available to provide Direct Supervision
  - with direct supervision available – the supervising physician is not physically present within the hospital or other site of patient care, but is immediately available by means of telephonic and/or electronic modalities, and is available to provide Direct Supervision
- Oversight – the supervising physician is available to provide review of procedures/encounters with feedback provided after care is delivered

Scope of Practice & Rotation Schedule

The designation of rank for the fellow will be Assistant in Service. Where appropriate, the Fellow will teach and supervise medical students and Neurology Residents.

(1) Fellow will spend 50% effort on clinic rotations at the MS Center (40%) and Neuro-Ophtalmology clinic (10%). A rotation schedule will be entered into New Innovations.

(2) Fellow will admit and visit MS inpatients at Tisch Hospital where appropriate

(3) Fellow will participate in all other clinical activities of the MS Care Center, as deemed appropriate.
Scope of Practice - Supervision

<table>
<thead>
<tr>
<th></th>
<th>Indirect Supervision</th>
<th>Direct Supervision</th>
<th>Oversight</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Office Visit - Outpatient</td>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS Outcome Measurement Scales</td>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inpatient Admission and Consult</td>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intrathecal Drug Administration</td>
<td></td>
<td></td>
<td>√</td>
</tr>
</tbody>
</table>

Research component

(1) Fellow will be trained in the principles of Human Study, Ethics and Informed Consent, and complete required institutional certification.
(2) Fellow will be trained by research staff in the principles of Institutional Review Board submission and documentation, and demonstrate proficiency.
(3) Fellow will familiarize him/herself with scope of MS Center research activities and make appropriate referrals for studies.
(4) Fellow will attend weekly research team meetings and contribute data where appropriate.
(5) Fellow will perform clinical evaluations relevant to MS Center research studies, such as EDSS, MSFC, timed walk analyses, etc.
(6) Fellow will take primary responsibility for at least one clinical study and secondary responsibility for another clinical study, with expectation of completion and presentation by the end of Fellowship.
(7) Fellow will be instructed in principles of biostatistical analysis and apply these to his primary study.
(8) Fellow will work closely with Research Coordinators and Assistants to ensure timely and accurate data entry and study subject accrual.
(9) Fellow will prepare data for presentation at one national meeting.
(10) Fellow will manage the electronic database for clinical research purposes.

General responsibilities and expectations

(1) Fellow will participate in MS client educational activities eg, iWILL, MS Advocate.
(2) Fellow will prepare cases for presentation at weekly Friday conferences.
(3) Fellow will prepare material for presentation at monthly Journal Club.
(4) Fellow will participate in Myelin Interest Group meetings.
(5) Fellow will participate in interdisciplinary scientific and educational activities at the MS Center.
(6) Fellow will attend one national meeting annually, funded by program.
(7) Fellow will participate with Attending physicians and in night and weekend call schedule.
Responsibilities of Program and Program Director

(1) Program will provide supportive work environment, office space, computer and administrative support.
(2) Program will provide salary support and benefits consistent with PGY training level.
(3) Program Director will provide appropriate supervision for all aspects of clinical and research activities described above.
(4) Program Director will provide personal clinical and research training to Fellow.
(5) Program Director will make maximum effort to ensure successful completion of research project(s), and preparation for presentation/publication.
(6) Program Director will introduce Fellow to members of the MS community and National MS Society.
(7) Program Director will provide assistance to Fellow in identifying subsequent employment opportunities.
(8) Program Director will provide timely evaluations to Fellow, as enumerated below.
(9) Program Director will assume the administrative responsibilities for the training program and ensure that the credentialing and licensing requirements for the fellow are met.

Evaluations
Evaluations will be conducted through weekly team meetings and daily assessments of patients. Once a month, the Fellow will have a one-on-one meeting with Dr. Ilya Kister, the Program Director, to reaffirm basic knowledge, patient management skills, understanding of research methodology and the academic process of writing for peer-reviewed journals, lecturing and teaching.

Performance and progress will be discussed with all involved attending physicians and clinical staff. Constructive performance feedback will be provided to the Fellows.

Formal evaluations will follow the guideline put forth by the Medical Staff Credentialing Requirements for Ongoing Professional Performance Evaluation (OPPE). These evaluations will be done in New Innovations (NI). Formal evaluations will take place every 3 months, following direct observations of the Fellow and discussions with other teaching staff involved in the fellowship. Written evaluations will be provided quarterly and the results discussed with the trainee. Evaluations will include performance with emphasis on the clinical component. Evaluations will be reviewed by both faculty and the trainee and a permanent record of the evaluation will be maintained and will be assessable to the trainee and authorized personnel.

A final written evaluation will be provided by the program director at the end of the training program. It will be signed by both the trainee and program director. All evaluations will remain confidential and will not be disclosed.
Program Selection Process

Promising candidates will be requested to submit copies of their resumes and the names and contact information of three references. Candidates will be invited to visit the MS Care Center and complete a series of interviews, and may be invited back for a second visit at our expense. All applicants are expected to have successfully completed an accredited Neurology Residency prior to beginning the fellowship. Once accepted, the Fellow will be accredited as an Attending through the Medical Staff Office. All successful candidates must have a New York State license or Limited Permit if applicable prior to the start date.

Placement of Previous Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Date Completed</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.W. Erik Charlson, MD</td>
<td>Expected June 30, 2014</td>
<td>Neurologist, NYU MS Center</td>
</tr>
<tr>
<td>Ariel Antezana-Antezana, MD</td>
<td>June 30, 2014</td>
<td>Christus St. Frances Cabrini Hospital, LA</td>
</tr>
<tr>
<td>Lana Zhovtis Ryerson, MD</td>
<td>June 30, 2012</td>
<td>Neurologist, NYU MS Center</td>
</tr>
<tr>
<td>Kristen Babinski, MD, PhD</td>
<td>June 30, 2011</td>
<td>Methodist Hospital MS Clinic, NY</td>
</tr>
<tr>
<td>Jonathan E. Howard, MD</td>
<td>June 30, 2010</td>
<td>Neurologist, NYU MS Center</td>
</tr>
<tr>
<td>Yakov Isakov, MD</td>
<td>July 31, 2010</td>
<td>Neurologist, Private Practice</td>
</tr>
<tr>
<td>Ilya Kister, MD</td>
<td>July 31, 2007</td>
<td>Neurologist, NYU MS Center</td>
</tr>
</tbody>
</table>