



Cancer Rehabilitation Medicine Fellowship

Carolinas Medical Center



Atrium Health

Carolinas Rehabilitation



The Department of Physical Medicine & Rehabilitation (PM&R) at Carolinas Medical Center (CMC) with Carolinas Rehabilitation (CR) and Department of Supportive Care at the Levine Cancer Institute offers a one-year fellowship in **Cancer Rehabilitation** for a board eligible/board certified physiatrist.

Carolinas Rehabilitation, part of Atrium Health, offers 192 acute rehabilitation beds. CR has established inpatient programs in:

- Oncology
- Pediatrics Rehabilitation
- Spinal Cord Injury (SCI)
- Stroke
- Traumatic Brain Injury (TBI)
- Extensive network of outpatient musculoskeletal clinics

Levine Cancer Institute is the region's premiere cancer center, with over 18,000 new patients participating in its registry annually. The Department of Supportive Care provides interdisciplinary care for cancer survivors that can improve their quality of life and overall wellness. Services include:

- Rehabilitation
- Clinical Nutrition
- Geriatric Oncology
- Integrative Medicine
- Palliative Care
- Psychiatry
- Survivorship

Our primary facilities are located in the Charlotte metro area. The affiliated acute tertiary center is Carolinas Medical Center, with 900+ beds that serves as a Level I Trauma Center. CMC provides expansive medical and surgical services, including both solid and liquid tumor oncology.

The clinical experiences will be provided within the Department of PM&R fellowship at Carolinas Rehabilitation and Department of Supportive Care at the Levine Cancer Institute. These may include palliative care, survivorship, integrative medicine and pain management.

This fellowship allows for clinical and research opportunities and can be specifically designed to meet the candidate's interests. Clinical opportunities include inpatient, outpatient and acute care management of oncology survivors with a focus on treatment of:

- Functional deficits secondary to cancer and its treatment
- Symptomatic intervention to improve quality of life
- Integration of system-based practice for successful practice development

Curriculum

Requirements	Completion of an accredited residency program in Physical Medicine and Rehabilitation and eligible for medical licensure in North Carolina
Salary/Benefits	Atrium Health Carolinas Medical Center PGY5 Salary \$1,900 CME allowance Full Benefits Including 15 days paid vacation
Training Period	One year
Start Date	July
Location	Carolinas Rehabilitation is located within two miles of the heart of uptown Charlotte. Charlotte offers a wide array of cultural, dining and recreational activities. Charlotte is located within two hours of the Great Smoky Mountains and three hours of Charleston, SC and other oceanfront communities
Curriculum	Allows flexibility within inpatient, outpatient, acute care consultation and other opportunities in the are of cancer rehabilitation

Program Objectives

After completing this program, the Fellow will be able to demonstrate:

1. An improved knowledge and understanding of the medical and rehabilitation needs of patients with cancer in the acute care, inpatient and outpatient rehabilitation settings.
2. An understanding of cancer pathophysiology and how it relates to the clinical syndromes demonstrated by patients with oncological diagnoses.
3. An improved knowledge and understanding in the pharmacology associated with cognitive dysfunction, fatigue, pain management, and other symptoms associated with acute and chronic cancer diagnoses.
4. Knowledge and competent clinical skill in the management of cerebral edema associated with brain tumor resection.
5. The ability to perform a comprehensive musculoskeletal and neurological examination, including a comprehensive mental status examination.
6. Improved knowledge and understanding of common medical complications associated with cancer and its treatment, and proper management of problems.
7. Improved knowledge and management skills in the treatment of patients with lymphedema.
8. A thorough knowledge and understanding of management of symptomatic complaints for benign hematology patients.
9. The ability to evaluate imaging and to integrate this knowledge into the clinical plan of care.
10. Improved understanding and knowledge in the evaluation of patients with pancytopenia associated with hematological diagnosis.

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11. Improved understanding of available neuropsychological testing and their inherent strengths and weaknesses.
 12. The ability to provide accurate prognostic information at both the acute care consultative level and at the rehabilitative functional outcome level.
 13. Leadership skills in the management of a treatment team and the oncology healthcare community.
 14. The ability to develop clinical research ideas that would improve the management and outcome of cancer survivors.
 15. The ability to develop an understanding of the psychiatrist's role in the medical, legal, and ethical issues as it relates to the oncology diagnoses and subsequent patient issues.
 16. The ability to develop skills as a teacher and educator of resident physicians and allied healthcare professionals on topics in oncology rehabilitation.

Clinical

Inpatient Services (6-8 months)

- Management of inpatients daily, evaluation of acute care cancer consultations, and leadership of a team of clinicians and therapists.

Clinic (full year)

- Two half-day clinics per week (3-6 patients per clinic, new and established). Clinic volume will include diverse cancer patients with a large number of lymphedema cases.

Specialty clinics (during non-inpatient months)

- Observation opportunities in several outpatient clinics within the Departments of PM&R and Supportive Care focused on core competencies and survivorship care.

Other

- Medical, surgical, and radiation oncology observation; neuro-psychological testing; outpatient therapies; support groups at Levine Cancer Institute.

Educational

Grand Rounds

- Formal presentation to the local healthcare community (at least once a year)

Journal Clubs/Didactics

- Regular participation in resident education and allied healthcare.
- Cancer rehabilitation didactic curriculum and journal club with cancer rehabilitation faculty.

Call Responsibilities

None

Faculty

The faculty includes multiple physiatrists, therapists and administrative leaders with specific interests and care responsibilities in the management of cancer patients.

Additional faculty includes: physiatry, psychiatry, psychotherapy, neuropsychology, integrative medicine, palliative care, geriatric oncology, survivorship and research staff.



Vishwa S. Raj, MD

Program Director
Cancer Rehabilitation Fellowship
Chief of Cancer Rehabilitation
Levine Cancer Institute



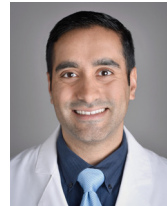
Terrence Pugh, MD

Associate Program Director
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Levine Cancer Institute

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FOR MORE INFORMATION

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