

Cristina M. Kline-Quiróz, D.O.

Assistant Professor
Department of Physical Medicine & Rehabilitation
Vanderbilt University School of Medicine

Education

08/2011 – 06/2015 D.O., Philadelphia College of Osteopathic Medicine (PCOM), Philadelphia, PA
08/2007 – 05/2011 B.A., University of Notre Dame, Notre Dame, IN. Major: Psychology and Pre-professional studies, Minor: Portuguese & Brazilian studies

Postgraduate Training

07/2019 – 07/2020 Fellowship in Cancer Rehabilitation,
MedStar Georgetown University Hospital | MedStar National Rehabilitation
Hospital, Washington, DC
07/2016 – 06/2019 Residency Training Program in Physical Medicine & Rehabilitation,
Rutgers – New Jersey Medical School | Kessler Institute for Rehabilitation,
Newark, NJ
07/2015 – 06/2016 Internship in Internal Medicine,
Jacobi Medical Center, Bronx, NY

Licensure

04/2020 – 11/2024 Tennessee, License Number DO 4006

Academic Appointments

09/2020 – present Assistant Professor, Department of Physical Medicine & Rehabilitation
Vanderbilt University School of Medicine
03/2018 – 03/2019 Academic Chief Resident, Department of Physical Medicine & Rehabilitation
Rutgers – New Jersey Medical School | Kessler Institute for Rehabilitation

Professional Society Memberships

- American Academy of Physical Medicine and Rehabilitation (AAPM&R)
- American Congress of Rehabilitation Medicine (ACRM)
- Association of Academic Physiatrists (AAP)

Professional Activities

Honors & Awards

- 06/2019 Joel A. Delisa Resident Research Award, Rutgers – New Jersey Medical School | Kessler Institute for Rehabilitation
- 06/2019 Areti Award for the resident who demonstrates a consistent willingness to go above and beyond for the good of their co-residents, Rutgers – New Jersey Medical School | Kessler Institute for Rehabilitation
- 08/2018 Outstanding Trainee Researchers Award, Academy of Spinal Cord Injury Professionals
- 12/2016 Nominated, Golden Apple Teaching Award, Rutgers – New Jersey Medical School
- 04/2012 Albert D’Alonzo, D.O. Memorial Student Grant, PCOM
- 05/2011 George Monteiro Prize for Excellence in Portuguese Writing, Kellogg Institute for International Studies, University of Notre Dame

Grants

- 09/2023-08/2027 DOD - Empowering Self-Management in Head and Neck Cancer Survivors with Lymphedema and Fibrosis: A Multi-Site, Randomized Phase III Clinical Trial
- 06/2021-06/2025 Tactile Medical Grant
A Randomized Trial of an Advanced Pneumatic Compression Device vs. Usual Care for Head and Neck Lymphedema
- 06/2021 Cancer Charities Settlement Fund
Rockefeller Philanthropy Advisors
- 11/2017 DeVivo Mentored Research Award,
National Spinal Cord Injury Statistical Center
- 06/2010 Loughrey Undergraduate Research Grant,
Institute for Scholarship in the Liberal Arts, University of Notre Dame

Publications and Presentations

Articles

Cheng JT, Leite VF, Tennison JM, Gutierrez C, Kline-Quiróz CM, Capozzi LC, Yu S, Krause KJ, Langelier D, Parke SC. Rehabilitation Interventions for Head and Neck Cancer–Associated Lymphedema: A Systematic Review. JAMA Otolaryngology–Head & Neck Surgery. 2023 June 29.

Kline-Quiróz CM, Byrd H, Dovgan J, Lockney N. Pathophysiology of Radiation Fibrosis Syndrome. Current Physical Medicine and Rehabilitation Reports. 2023 May 16.

Clausyl Plummer II, Mensah C, [Kline-Quiróz CM](#). Disparities of health impacting head and neck cancer and rehabilitation. *Current Physical Medicine and Rehabilitation Reports*. 2023 March 11.

Smelser WW, Tallman JE, Gupta VK, Al Awamlh BA, Johnsen NV, Barocas DA, [Kline-Quiróz CM](#), Tomlinson CA, McEvoy MD, Hamilton-Reeves J, Chang SS. Implementation of a comprehensive prehabilitation program for patients undergoing radical cystectomy. *In Urologic Oncology: Seminars and Original Investigations* 2023 Feb 1.

Malmut L, [Kline-Quiróz CM](#), Cushman DM. Competency Assessment in Physical Medicine and Rehabilitation Resident Education: A Systematic Review. *American Journal of Physical Medicine & Rehabilitation*. 2022 Dec 1.

Parke SC, Langelier DM, Cheng JT, [Kline-Quiróz CM](#), Stubblefield MD. State of Rehabilitation Research in the Head and Neck Cancer Population: Functional Impact vs. Impairment-Focused Outcomes. *Current Oncology Reports*. 2022 Feb 19.

[Kline-Quiróz CM](#), Sharma R, Stubblefield MD. Cancer Rehabilitation: Optimizing Function for Cancer Survivors. *In Essentials of Cancer Survivorship* 2021 Nov 9.

[Kline-Quiróz CM](#), Fricke B. Molecular and Biologic Targets for Radiation Fibrosis: Implications for Rehabilitation. *Current Physical Medicine and Rehabilitation Reports*. 2021 Sep 9.

[Kline-Quiróz CM](#), Nori P, Stubblefield M. Cancer Rehabilitation (acute and chronic issues, nerve injury, radiation sequelae, surgical and chemo-related) PART 1. *Medical Clinics of North America*. 2019 Nov 23.

Nori P, [Kline-Quiróz CM](#), Stubblefield M. Cancer Rehabilitation (acute and chronic issues, nerve injury, radiation sequelae, surgical and chemo-related) PART 2. *Medical Clinics of North America*. 2019 Dec 18.

Letters to Editor

[Kline-Quiróz CM](#), Silver, JK. A Letter to the Editor: Aligning Clinical Practice with Residency Education in Physiatry. *PM&R Journal*. 2020 March 6.

Presentations at Meetings

[Kline-Quiróz CM](#), Stubblefield, M, Murphy, B, Parke, S, Langelier, D, Poe, L, Estilo, C, Hutcheson, K, Donahue, P, Lockney, N, Cheng, J, Mannion, K. Embrace the Complexity –Comprehensive Rehabilitation of Head and Neck Cancer Survivors. American Congress of Rehabilitation Medicine Annual Conference. November 6, 2022.

Martone, P. Power, K, [Kline-Quiróz CM](#) Prehabilitation and Exercise in Breast Cancer. A comprehensive Breast Cancer Prehabilitation Program: Bridging the gap between Rehabilitation and Supportive Oncology. American Academy of Physical Medicine and Rehabilitation Annual Conference. Baltimore, MD October 20, 2022.

Stubblefield M, [Kline-Quiróz CM](#), Khanna A. mAb-normal – Rehabilitation of Neuromusculoskeletal Complications of Biologic Therapy in Cancer. Association of Academic Physiatrists Annual Meeting and International Society of Physical & Rehabilitation Medicine World Congress. Orlando, FL. March 7, 2020.

Kline-Quiróz CM, Martone P. Leveraging Oncology Guidelines for Physiatric Practice. American Academy of Physical Medicine and Rehabilitation Annual Conference. San Antonio, TX. November 15, 2019.

Kline-Quiróz CM, Donovan J, Botticello A. Factors Associated with Return to Education after Spinal Cord Injury. Spinal Cord Injury Model Systems Program Directors Meeting. Washington, DC. December 17, 2018.

Khanna A, Stubblefield M, Kline-Quiróz CM, Kendig T, Patel K. Game of Bones: An Interactive Look at Bone Health and Skeletal Metastases in Cancer Patients. American Congress of Rehabilitation Medicine Annual Conference. Dallas, TX. Oct 3, 2018.

Kline-Quiróz CM, Donovan J, Botticello A. Factors Associated with Return to Education after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. Sept 4, 2018.

Invited Lectures

Kline-Quiróz CM. Cancer Rehabilitation- Physical Medicine and Rehabilitation. Gastrointestinal Stromal Tumors Day of Learning Tennessee. The Life Raft Group. April 2023.

Kline-Quiróz CM. Physiatry and Cancer Rehabilitation. Cancer Survivor Wellness Series. Vanderbilt University Medical Center. February 2023.

Kline-Quiróz CM. Aromatase Inhibitor-Induced Musculoskeletal Symptoms: Current state of the evidence and role for rehabilitation. ReVital Grand Rounds. Virtual. July 2021

Kline-Quiróz CM. Cancer Rehabilitation and Palliative Care. Palliative Medicine Friday Morning Conference. Vanderbilt University Medical Center. Nashville, TN. April 2021.

Kline-Quiróz CM. Cancer Rehabilitation and Palliative Care. Inpatient Palliative Care Team Meeting. Alive Hospice. Nashville, TN. April 2021.

Kline-Quiróz CM. Radiation Fibrosis Syndrome. MedStar NRH Medical Grand Rounds and Conferences, National Rehabilitation Hospital, Washington DC. June 2020.

Kline-Quiróz CM. The Rehabilitation Approach to Neuro-Musculoskeletal Impairments in Head & Neck Cancer Survivors. Cancer Rehabilitation Veterans Administration - Extension for Community Healthcare Outcomes Series, VA Puget Sound Health Care System, Seattle, WA. April 2020.

Kline-Quiróz CM. Introduction to Cancer Rehabilitation and Postmastectomy Pain. Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. January 2020.

Resident and Fellow Lectures

Kline-Quiróz CM. Breast Cancer Rehabilitation: Introduction and Case Based Overview of Postmastectomy Pain. Breast Fellows Conference, Vanderbilt University Medical Center. February 2023.

Kline-Quiróz CM. Neuropathy in Cancer Rehab. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2021

Kline-Quiróz CM. Cancer Treatments and Effects: Implication for Physiatrists. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Approach to Pain in Cancer Survivors. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Function and Safety in Cancer Survivors. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Bones Spine and Malignancy. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Neuromusculoskeletal Impairments in Breast Cancer. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Neuromusculoskeletal Impairments in Head and Neck Cancer. Resident Lecture, Vanderbilt Stallworth Rehabilitation Hospital. Nashville, TN. December 2020.

Kline-Quiróz CM. Safety Considerations in Cancer Rehabilitation. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. November 2020.

Kline-Quiróz CM. Radiation Fibrosis Syndrome: Implications for Physiatrists. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. November 2020.

Kline-Quiróz CM. Cancer and Pain. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. November 2020.

Kline-Quiróz CM. Radiation Fibrosis Syndrome: Implications for Physiatrists. MedStar NRH Cancer Rehabilitation Fellow Lecture, National Rehabilitation Hospital, Washington DC. October 2020.

Diaz-Segarra N, Hsieh S, Kline-Quiróz CM, Edmond A, Gallagher M. Implementation of PSH-AM for Detection of Paroxysmal Sympathetic Hyperactivity in Severe Brain Injury Patients. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. May 2019.

Kline-Quiróz CM. EMG Case Conference – SAE Trivia Night. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. January 2019.

Kline-Quiróz CM, Yonclas P. A Tale of Two Wrist Drops: EMG Case Conference. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. December 2018.

Kline-Quiróz CM, Nori P. Journal Club: Wii Fit Balance Board Playing Improves Balance and Gait in Parkinson Disease. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. November 2017.

Kline-Quiróz CM. Guillain Barre Syndrome: Board Review. Resident Lecture, Kessler Institute for Rehabilitation, West Orange, NJ. June 2017.

Kline-Quiróz CM. Myopathies in Patients with HIV. Resident Lecture, Jacobi Medical Center, Bronx, NY. August 2015.

Poster Presentations & Abstracts

Chang, P, Ng, A, Zheng, J, Kline-Quiróz CM, Vargo, M. Telemedicine Physician Practice Patterns in Cancer Rehabilitation: A Survey Study. International Society of Physical and Rehabilitation World Congress. June 2023

Capozzi, L, Cheng, J, Leite, V., Tennison, J, Gutierrez, C, Kline-Quiróz CM, Yu, S, Krause, K, Langelier, D and Parke, S. Rehabilitation Interventions for Head and Neck Cancer-Associated Lymphedema: A Systematic Review. International Society of Physical and Rehabilitation World Congress. June 2023.

Latif H, Graves KD, Kline-Quiróz CM, Martone P, Dilawari AA. Associations between patient-reported outcomes and psychiatry assessments in an integrative model of a survivorship clinic. American Society of Clinic Oncology Annual Meeting. May 2020.

Petriello M, Kline-Quiróz CM, Martone P. The Value of Osteopathic Manipulation in the Treatment of Hip and Back Pain in a Breast Cancer Patient with Osseous Metastasis. Poster Presentation. Association of Academic Physiatrists Annual Meeting and International Society of Physical & Rehabilitation Medicine World Congress. Orlando, FL. March 2020.

Bartolo K, Kline-Quiróz CM, Diaz-Segarra N, Yonclas P. Eravacycline-Associated Neuromyopathy: A Case Report. Poster Presentation. American Academy of Physical Medicine and Rehabilitation Annual Conference. San Antonio, TX. November 2019.

Kline-Quiróz CM, Oh-Park M. Weakness and Spasm of Lower Limbs as an Unusual Presentation of West Nile Virus Infection. Poster Presentation. American Academy of Physical Medicine and Rehabilitation Annual Conference. Orlando, FL. October 2018.

Kline-Quiróz CM, Jasey N, Khanna A. Role of Interdisciplinary Rehabilitation following Resection of Vestibular Schwannoma. Poster Presentation. Cancer Rehabilitation Symposium. New York, NY. April 2018.

Kline-Quiróz CM, Brooks M. Spinal Epidural Abscess as Complication of Thoracic Epidural Analgesia. Poster Presentation. Association of Academic Physiatrists Annual Meeting. Atlanta, GA. February 2018.

Kline-Quiróz CM, Brooks M. Hungry Bone Syndrome in Rehabilitation. Poster Presentation. Association of Academic Physiatrists Annual Meeting. Atlanta, GA. February 2018.

Kline-Quiróz CM, Tancredi M, Wirth M. Stress & aggression: relationships between aggressive feelings, behavior, and the stress hormone cortisol. Poster Presentation. Undergraduate Scholars Conference, Notre Dame, IN. May 2011.