



Rachel Prusynski, DPT, PhD

Assistant Professor

University of Washington

“The Real World Data Scholars program will advance my transition from a consumer of post-acute care administrative data to a leader in developing scalable, electronic health record-derived research infrastructure.”

Dr. Prusynski is the co-director of the Advancing Health Services & Policy in Rehabilitation (ASPIRe) Lab and an assistant professor in the Department of Rehabilitation Medicine, Division of Physical Therapy, at the University of Washington. She is a board-certified clinical specialist in neurologic physical therapy with clinical experience across the continuum from critical care to community-based rehabilitation in the U.S. and Haiti. Her research examines the intersections of health and reimbursement policy, therapy practices, and patient outcomes in post-acute care, with a focus on skilled nursing facilities and home health.

Measuring Therapy Order Completion and Treatment Uptake for LTC Residents

The Long-Term Care (LTC) Data Cooperative, developed under the IMPACT Collaboratory, integrates normalized electronic health record (EHR) data from nursing homes to capture clinical details not available in administrative data sources. No equivalent infrastructure exists for home health and hospice settings. In partnership with BAYADA Home Health, this project will establish the foundational data infrastructure for a Home Health and Hospice Data Cooperative through systematic inventories of clinical data available in the Home Care Home Base (HCHB) EHR system and development of a preliminary common data model extending the LTC Data Cooperative framework to home health and hospice settings. This award will provide Dr. Prusynski the necessary training and experience working with BAYADA Home Health and their HCHB EHR system to (1) Complete a systematic data inventory of HCHB home health and hospice, and (2) Develop a preliminary common data model for a future Home Health and Hospice Data Cooperative that will engage additional providers and EHR vendors to extend the LTC Data Cooperative framework to these settings. This project will establish the foundational data infrastructure for a future Home Health and Hospice Data Cooperative. The training and infrastructure developed through this award will strengthen Dr. Prusynski's understanding of EHR data architecture, common data model development, and the governance structures, enabling multi-site research across nursing homes. These competencies support future efforts to bridge home health and hospice industry partners with the IMPACT Collaboratory to facilitate pragmatic trials across the post-acute continuum.