***Extending a warm welcome to you and your colleagues to join us at the Catalysts for Care 2025 Nursing Grand Rounds Speaker Series!***

**Date: May 13th, 2025, 12:00 – 1:00 pm, ZOOM presentation. Central Time Zone-DST**

**Presenter: Susan Alcock, RN MN; Research Associate, Department of Radiology, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB.**

**Title: *Safety and effectiveness of intravenous thrombolysis for acute stroke patients in the Manitoba TeleStroke Program.***



**ZOOM LINK:** <https://ca01web.zoom.us/j/63817319765?pwd=IQ8YlOE3UseIo1CLn3sser6cJq9e9k.1>

**Abstract:**

**Background**: TeleStroke can improve access to stroke care in rural areas. We aim to evaluate the safety and effectiveness of intravenous thrombolysis in our TeleStroke system.

**Methods**: The Manitoba TeleStroke program was rolled out across 7 sites between November 2014 and January 2019. We retrospectively analyzed prospectively collected consecutive acute stroke patients’ data in this duration. The primary outcome was safety and effectiveness measured in terms of 90-day modified Rankin score (mRs). The number of acute ischemic stroke (AIS) patients receiving thrombolysis and endovascular thrombectomy [EVT] and process metrics were also analyzed. R/RStudio version-4.3.2 was used (*p*<0.05).

**Results**: Of the 1,748 TeleStroke patients (age 71 years [IQR 58-81], female 810[46.3%]), 696 were identified as AIS. Of these, 265(38.1%) received thrombolysis and 48(6.9%) EVT. Ninety-day mortality was 53(20.0%) among those receiving thrombolysis and 117(44.2%) had a favorable outcome (mRs ≤2). Of those who received intravenous thrombolysis, 9 patients (4.2%) were found to have symptomatic intracranial hemorrhage. The median last-seen-normal (LSN)-to-door was121 minutes and the median door-to-needle, 55 minutes.

**Conclusion**: Intravenous thrombolysis was found to be effective with acceptable safety. TeleStroke improved overall access to stroke care and played an important role in identifying AIS patients eligible for thrombolysis and EVT.

**Upcoming Presentations**

**Tuesday June 10th, 2025 12:00 – 1:00 pm,** **Central Time Zone.**

**Andrea Toews, RN, MN, CRE,**  **Respiratory Nursing Clinician,** St. Boniface Hospital, Winnipeg, MB. *The Arduous Passion of Resuscitation Nursing: When the Adrenaline Wears Off.*

<https://ca01web.zoom.us/j/66417353632?pwd=zgubYW2liwrKdDayhjlFJqWesMUhM3.1>

**Tuesday September 9th, 2025 12:00 – 1:00 pm,** **Central Time Zone.**

**Lisa Knisley, RN, PhD, Assistant Professor,** College of Nursing, University of Manitoba, Winnipeg, MB; **Research Scientist,** Children’s Hospital Research Institute of Manitoba; **Co-Director**, Translating Emergency Knowledge for Kids (TREKK); **Co-Lead**, Research into the Enhancement of Acute Care for Children’s Health (REACH). *Translating Emergency Knowledge for KIDS (TREKK): The key roles of nurses in sharing the latest evidence in pediatric emergency care across Canada.*

<https://ca01web.zoom.us/j/63749408879?pwd=KKOaChATuQaM9J5SIzkjXlyzaqs0VJ.1>

**Tuesday October 14th, 2025 12:00 – 1:00 pm,** **Central Time Zone.**

**Kim Mitchell, RN, PhD, Assistant Professor, & Marnie Kramer, RN, PhD, Assistant Professor,** College of Nursing, University of Manitoba, Winnipeg, MB. *An exploratory study of threshold concepts in nursing education: Examining student and faculty perspectives about the troublesome nature of learning concepts of heath and illness*.

<https://ca01web.zoom.us/j/68777905586?pwd=V3t56aaaFMxhnSvTQa4KHsdxX3RXO7.1>

**Tuesday November 18th, 2025 12:00 – 1:00 pm,** **Central Time Zone.**

**Edward Cruz, RN, PhD, CCN, FCAN, Assistant Professor & Associate Dean Undergraduate Programs,** College of Nursing, University of Windsor, Windsor, ON. Presentation title: TBC

<https://ca01web.zoom.us/j/63017221594?pwd=87NpThWSRhyGBvMeNM59dFVttKIYgw.1>

**ARCHIVE LINK TO ALL RECORDED PRESENTATIONS:** <https://umanitoba.yuja.com/V/PlayList?node=4121225&a=1926463596&autoplay=1>

The Clinical Chair Program, supported by the Health Sciences Centre, University of Manitoba College of Nursing, and the Health Sciences Centre Foundation, aims to foster clinically relevant research partnerships, networks and synergies fueling nursing research and clinical innovation, enhancing knowledge translation, and supporting improved patient outcomes.  The goal of this free monthly virtual speaker series is the creation of a space for clinicians, researchers, scholars, and students to share knowledge, expertise, insights, and questions to spark ideas and connection to strengthen nursing research and practice, building a strong clinical nursing research and practice innovation community across Manitoba, and coast to coast to coast!

Dr. Diana E. McMillan, RN, PhD, Professor, Rady Faculty of Health Sciences, College of Nursing, University of Manitoba, & Clinical Chair, Health Sciences Centre.

***We are booking presenters for the 2026 series****. Please contact Diana at* [*diana.mcmillan@umanitoba.ca*](mailto:diana.mcmillan@umanitoba.ca) *if you are interested in sharing your research or innovation.*