

2018 Critical Care SCN New Investigator Seed Grant Competition

Funded Projects

Primary Investigator(s): Dr. Braedon McDonald (PI) and Dr. Kathy McCoy (Co-PI) from the University of Calgary

Project Title: Microbiota-immune interactions and critical illness outcomes in the intensive care unit (MicroICU) – A pilot study

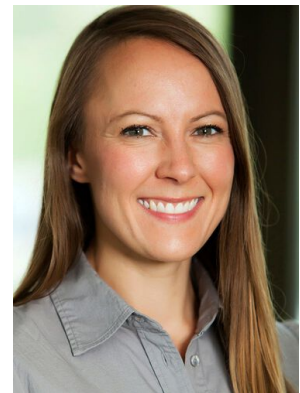
Summary: This is a pilot study that aims to understand how gut microbiota dysbiosis impacts immune function and susceptibility to infections in critical illness. The objectives of this study are (1) to characterize the dynamic changes of gut microbiota composition over the course of ICU admission and determine the relationships with immune phenotype over time, and (2) to investigate the relationships between microbiota composition, immune (dys)function, and clinical outcomes (nosocomial infections and organ dysfunction) in critically ill patients.



Primary Investigator(s): Dr. Tanya Mudry (PI) and Dr. Christiane Job McIntosh (Co-PI) from the University of Calgary

Project Title: A recovery-oriented counselling group: Supporting physical, emotional and social recovery processes of critical care patients in the ICU recovery clinic

Summary: The purpose of this pilot project is to develop and evaluate a recovery-oriented counselling group to support the physical, emotional, and social recovery processes of critical care survivors who access the services of the Calgary ICU Recovery Clinics. This project will serve as an initial phase in establishing a clinical training collaboration between the Werklund School of Education, the Cumming School of Medicine, Department of Critical Care Medicine, and Alberta Health Services ICU Recovery Clinic.



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Primary Investigator(s): Dr. Danijea Piskulic (PI) from the University of Calgary

Project Title: Feasibility of implementing a patient-oriented discharge summary in the ICU

Summary: The purpose of this research is to adapt and implement a patient-oriented discharge summary (PODS) tool. The project has two main objectives, which are: (1) to engage patient advisors in the PODS content design suitable for the ICU context and the process of discharge from the ICU; and (2) to improve a patient's/caregiver's experience of transitions in care through education and confidence building to manage their care post-discharge.

