# Dialyzing Wisely

Critical Care Strategic Clinical Network

Providing acute dialysis in intensive care settings requires a specialized team of nurses, educators, physicians, and inter-professional team members to ensure it is safely and effectively prescribed and delivered.

Currently, there is opportunity to standardize renal replacement therapy (RRT) practices across all Alberta intensive care units (ICUs), including decisions on when to initiate dialysis, and how to best provide and monitor it. These decisions tend to vary across clinicians and Alberta's 20 ICUs, and standardizing practice is expected to benefit patient care.

## Goal

DIALYZING WISELY aims to educate healthcare providers on how to apply the most recent scientific evidence while caring for critically ill patients and providing acute dialysis. This work will potentially reduce the number of patients needing long-term chronic dialysis, which very much improves the quality of patient and family-member lives, while reducing healthcare costs across Alberta.

The objectives of the program are:

- To improve the performance of acute dialysis in Alberta ICUs by aligning practices with evidence-based best practices,
- To decrease acute dialysis program costs by implementing recent best clinical evidence and practice guidelines, and
- To decrease intakes into Alberta's provincial chronic dialysis programs and associated healthcare systems costs while improving patient outcomes.

Projected project rollout to commence in July 2022.

Alberta Health Services Inspiring solutions. Together.
Critical Care Strategic Clinical Network™

3/21/2022