

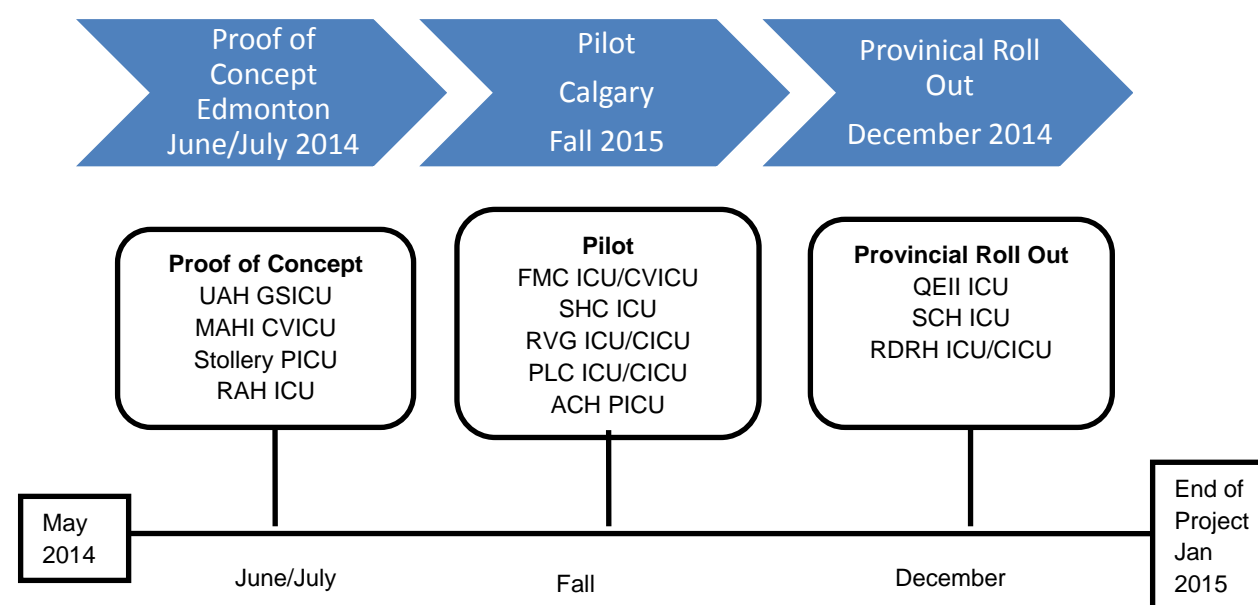
# Inhaled Nitric Oxide (iNO) Project Critical Care Strategic Clinical Network

## Overview

- The main objective of the iNO project is to establish the appropriate clinical use of iNO. To support this objective the iNO project has established clinically appropriate use of comparators (ie. Flolan®) when available.
- Across Alberta critical care units there is a lack of both (i) provincial standardization of clinical practice for the use of iNO; and (ii) consistent and standard monitoring, tracking and auditing of the use of iNO.
- This project will develop Clinical Standards of Practice for the use of iNO for adult and pediatric patient populations and Flolan for adult populations.
- Operational tools will be developed to assist critical care units in understanding their inhaled pulmonary vasodilator usage, clinical impact, patient outcomes, and costs.
- The project will leverage the work of eCritical TRACER group to support and develop web based reports featuring specific outcome measures.

## Approach

- The Critical Care SCN believes that a formalized change management approach is required to effect the practice change of clinically appropriate use of iNO and Flolan across Alberta critical care where limited evidence exists regarding clinical effectiveness to support its use.



- An evaluation in the form of a data measurement plan and survey will be conducted to inform provincial implementation. An Implementation Plan will be developed to guide provincial “roll out”.

## Benefits Realized

- The development of Standards of Practice on the use of iNO and Flolan in adult and pediatric patient populations in Alberta critical care units will support consistency in the practice through an evidence-informed framework.
- The development of the proposed Standard seeks to provide consistent high quality and cost-effective care for critically ill patients across the province.