

Return on Investment of Interprofessional Simulation Training in Detection and Management of Sepsis on Patient Outcomes



In-Hospital Sepsis: A Current HHS Patient Care Challenge

Canadian Institute for Health Information
2016 Report

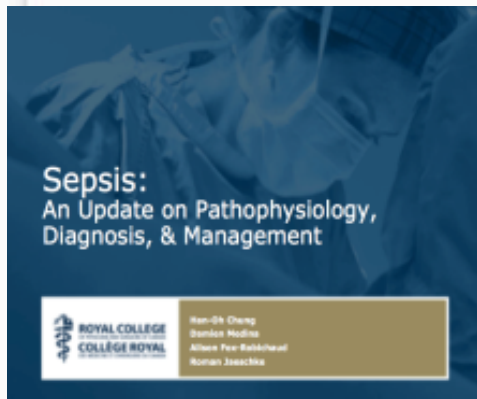


*CIHI 2016. Accessed 04-25-17 <http://yourhealthsystem.cihi.ca/hsp/indepth?lang=en#/>



The Sepsis Module: Interprofessional Simulation Training

RCSim



Case-based
presentation



SimMan3G

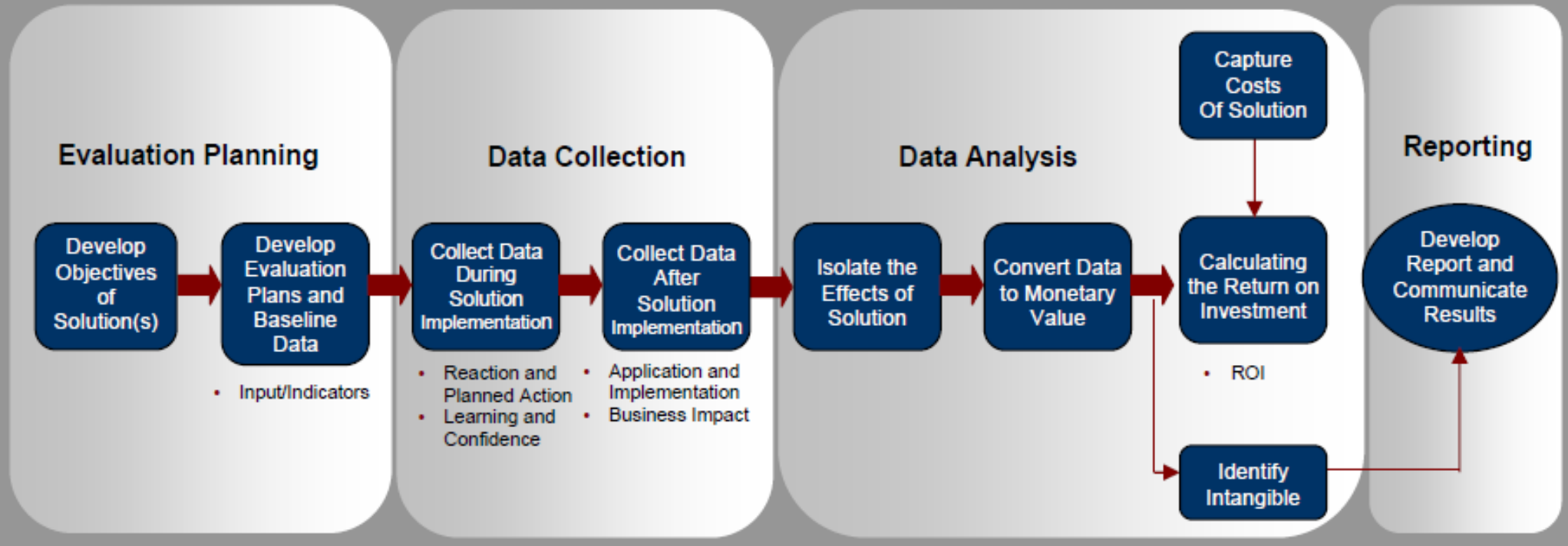


Semi-
structured
feedback



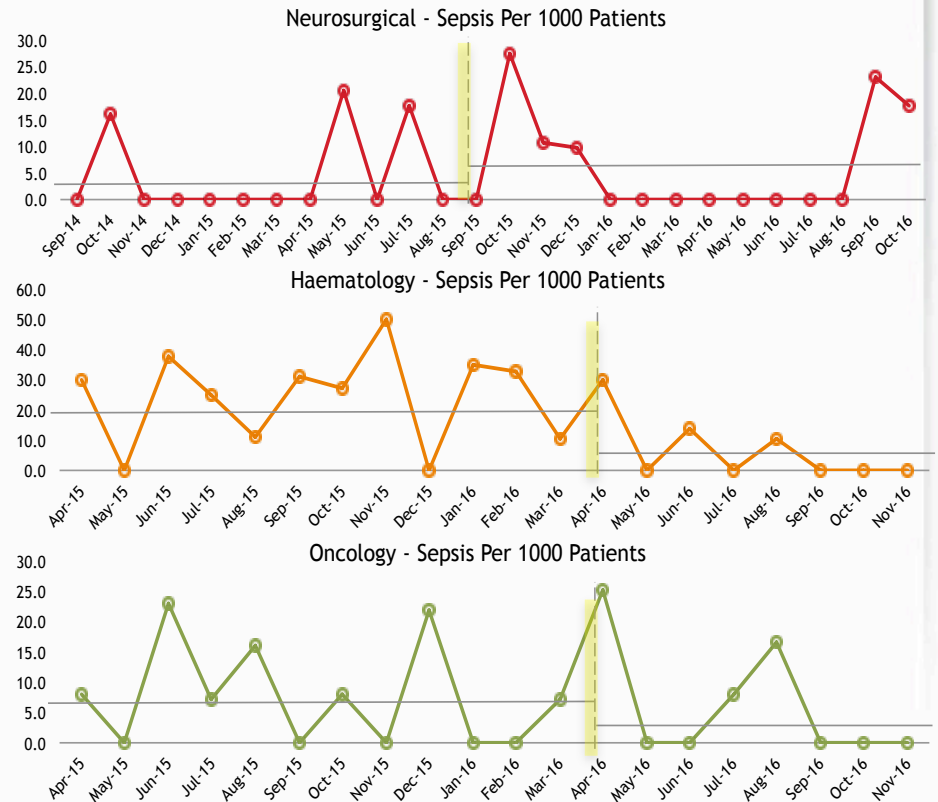
The ROI Process Model

The Phillips ROI Methodology



Impact of the Sepsis Module

- Improved sepsis knowledge with change of practice
- Decreased nosocomial sepsis
- Decreased adverse outcomes
- Improved interprofessional collaboration & engagement
- Educators estimate with 70% certainty that 60% of these impacts can be attributed to the Module



Conclusions: Is the Sepsis Module Worth Investing in?

- **ROI = 321%**
 - For every dollar invested, \$3.21 in improved patient outcomes is returned after investment is recovered
- The Philips ROI Methodology can measure impact of healthcare interventions & to inform future investments

