

Transforming the Delivery of CPR Training Province-Wide



Nova Scotia Health is the largest provider of health services in Nova Scotia. Their over 24,000 person workforce provides healthcare and support services in hospitals, health centres, and community-based programs across the province.

Whether through hosting wellness programs in the community, conducting innovative research in labs, or helping a patient recover in hospital; Nova Scotia Health is creating a healthier province. This is through the implementation of initiatives and creation of partnerships, including their efforts of quality improvement programs with RQI Partners and the IP Sim program with Laerdal Medical.

Addressing Provincial CPR Training Through RQI®

For most healthcare organizations, the coordination of resuscitation training can be a challenge. To overcome this challenge, all while improving their quality of care within an entire province, Nova Scotia Health implemented the Resuscitation Quality Improvement® (RQI) program as the standard for basic and advanced life support training in 2023.

“ We are focused on improving patient outcomes and decreasing preventable deaths from cardiac arrests – not just in our hospitals, but in our communities. As the first province in Canada to implement the resuscitation quality improvement platform, we are proud to be supporting our staff in their mastery of these lifesaving skills. ”

~ Dr. Gail Tomblin Murphy, Vice President, Research, Innovation and Discovery and Chief Nurse Executive

“ Ensuring that staff can maintain BLS and ACLS certification has been very challenging. RQI makes so much sense for accessibility, flexibility and most importantly to ensure that staff are maintaining their competency. Learners like the RQI approach because of its flexibility and that it keeps the education content fresh in their mind. Staff no longer need to worry about finding nearby courses or using precious days off to attend. ”

~ Haley Avery, Clinical Nurse Educator



Targeting Areas Of Improvement With Feedback

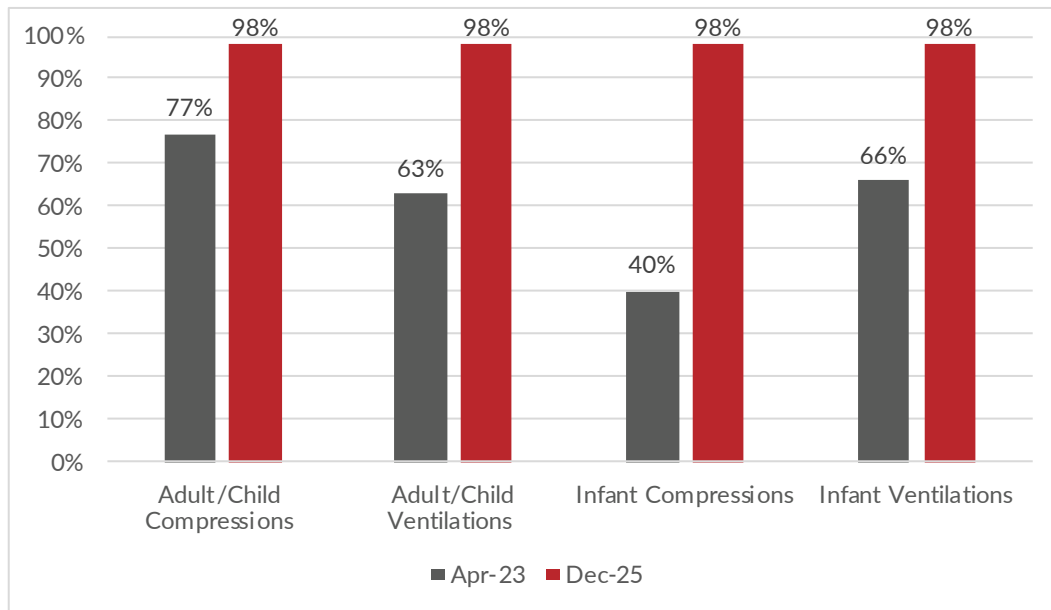
Combining self-paced skills training with audio-visual directive feedback, the RQI solution allows Nova Scotia Health providers to identify weak points in their CPR skills in real time, and adjust accordingly.

“*Infant compressions were down around 46% prior to starting RQI. We have had a significant increase, up to 121% in the performance.*”

~ Shelley Orr, Manager Nursing Enhancement Strategies Interprofessional Practice and Learning

The Power of Feedback

RQI program Learners significantly improved their overall High-Quality CPR scores from their initial Baseline Skills Assessment (without feedback) to their Core Skills Assessment (with feedback):



Learners are evaluated on rate and volume for ventilations and rate, depth, hand placement, recoil and CCF skills for compressions. All scores are median values presented in this case study.



Listen first hand to the Nova Scotia team about their experience with the RQI program.