

The Implementation of a Simulation-based Resuscitation Skills Training Curriculum

Timothy Chaplin, Rylan Egan, Nicholas Cofie, Jeffrey J. Gu, Tamara McColl, Brent Thoma (2018)



Post-graduate medical education is **moving towards Competency Based Medical Education**



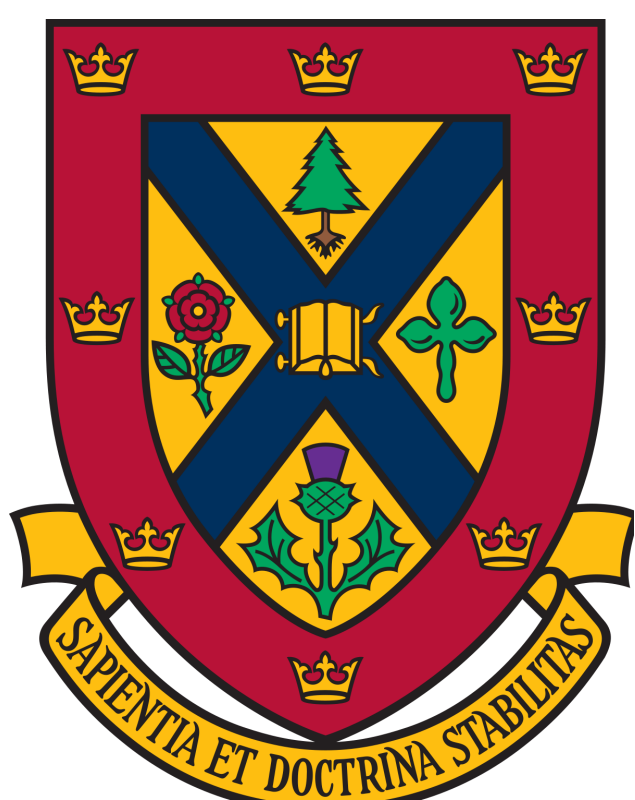
Resuscitation-based EPAs are difficult to assess because of their unpredictable occurrence



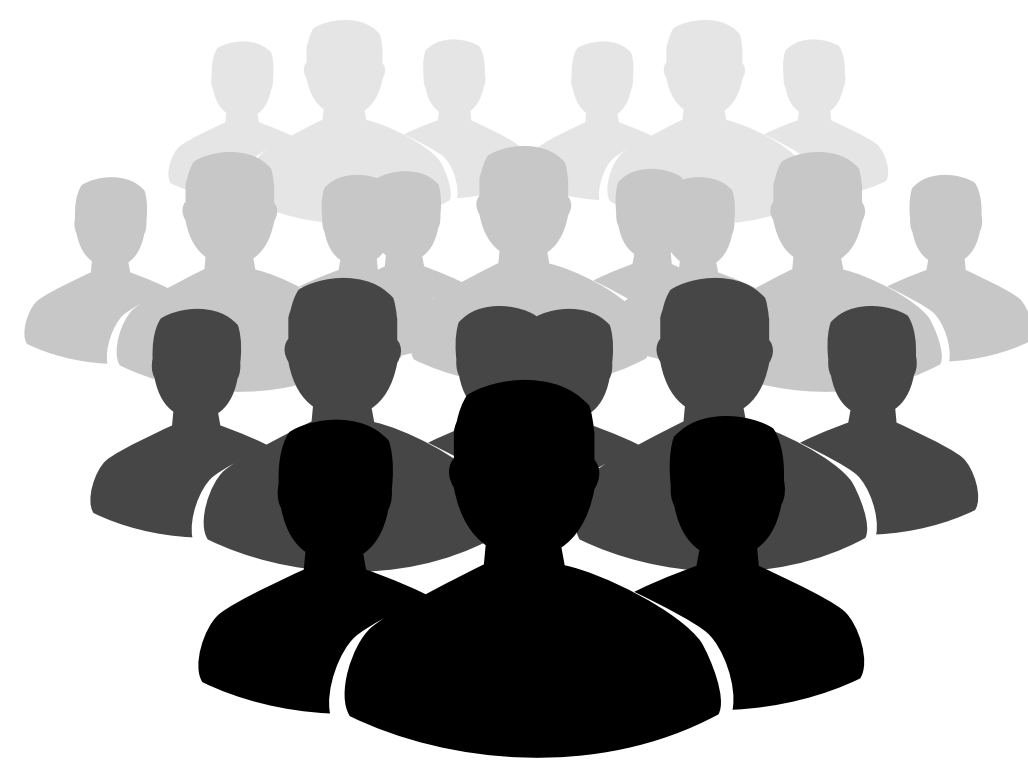
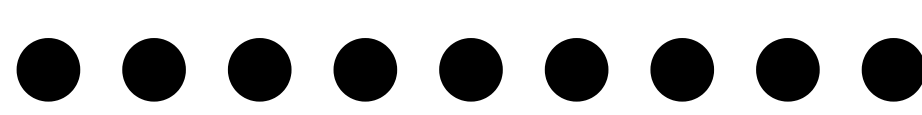
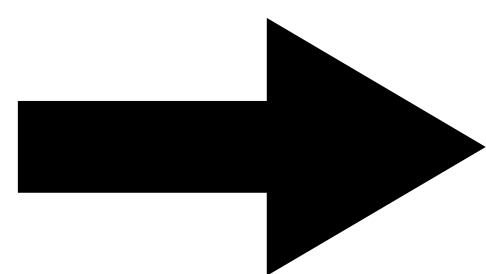
Simulation could be used but it is difficult to create new curricula

Can a multi-program simulation curriculum achieve comparable program-level outcomes when ported between sites?

The Study

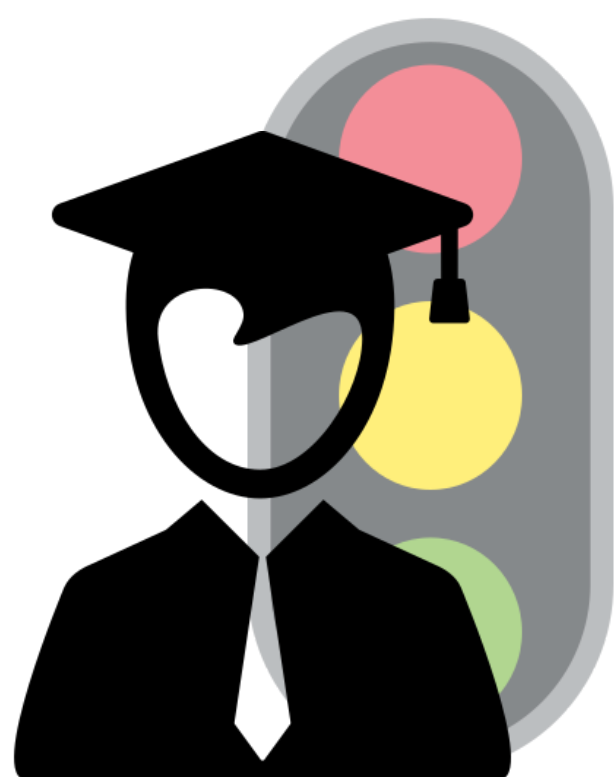


Queen's "Nightmares Course", a resuscitation skills training curriculum, was **implemented at the University of Saskatchewan**



87 first year residents participated in **226 cases** over the span of 4 months at the two sites

Measurements



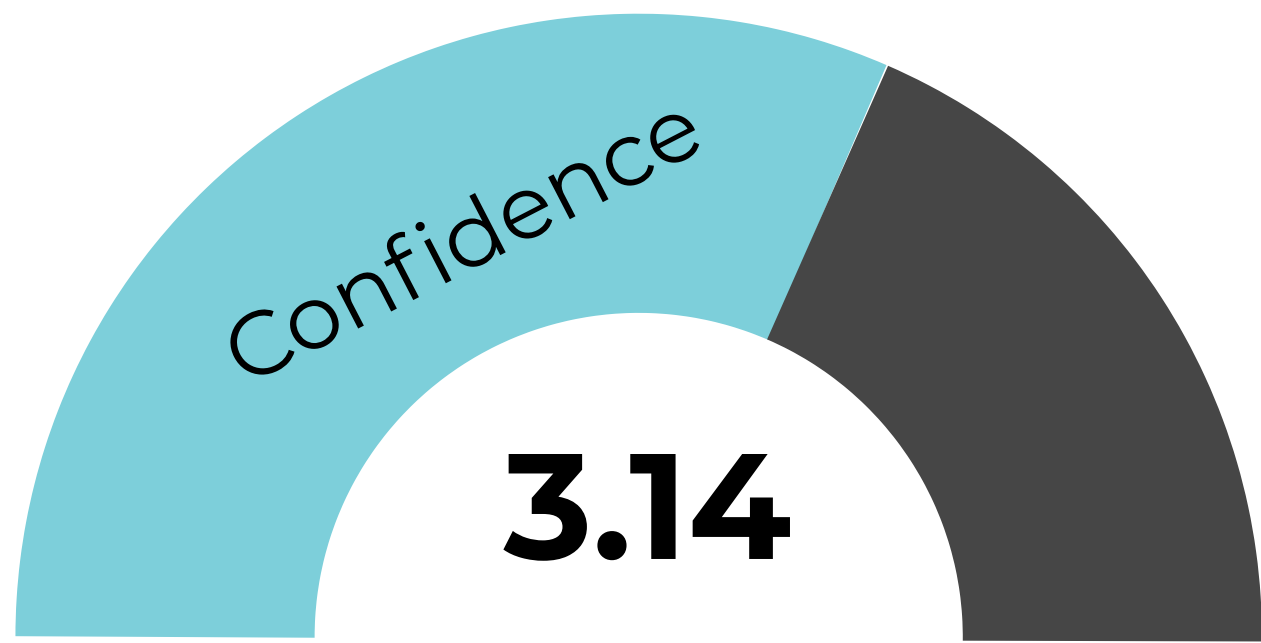
Learner confidence in caring for acutely ill patients. (Scored on 5 point scale)



Learners and faculty evaluated the program on **various other criteria**. (Scored on 7 point scale)



Results



p<0.001



Mean score based on **relevancy** of course objectives, adequate **feedback**, and **skill development**



Mean score based on participant **engagement**, providing adequate **feedback**, and **overall course quality**

CONCLUSION

Simulation is an important way to **teach and assess** rare and **unpredictable EPAs**. We described the **successful transfer of a simulation-based resuscitation curriculum** to a second institution and demonstrated similar program level outcomes.

REFERENCES:

Chaplin, T., Egan, R., Cofie, N., Jj, G.J., McColl, T. and Thoma, B., 2018. The Implementation of a Multi-institutional Multidisciplinary Simulation-based Resuscitation Skills Training Curriculum. Cureus, 10(11).
This infographic was created by Anson Dinh and edited by Brent Thoma and Alvin Chin.

