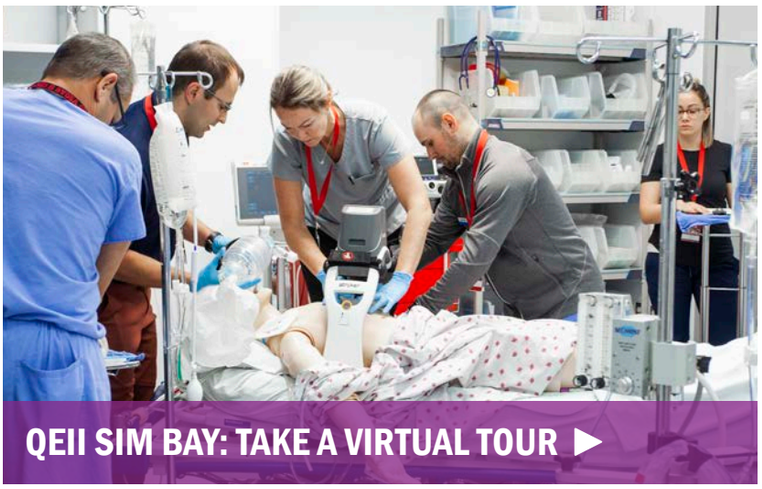
for Health
QEII HEALTH SCIENCES CENTRE FOUNDATION
BECAUSE WE'VE GOT YOU, WE'VE GOT THIS | JANUARY 19 VOL.16 NUMBER 1

Donor-funded simulation bay opens to QEII healthcare teams

QEII learners are now benefiting from state-of-the-art simulation learning



Thanks to the generosity of donors like you, who contributed $1.8 million, the QEII is home to a state-of-the-art Simulation Bay. Opened in December 2018, medical teams practice their skills through simulation. *Photo: Darren Hubley*.

Through the generosity of a community that contributed $1.8 million in funding, the QEII Health Sciences Centre recently opened its doors to a state-of-the-art Simulation Bay (Sim Bay.) Here, medical teams practice their skills in a low-stress, no-risk environment.

"If you've ever had a loved one who's been in hospital, and whose care has been exemplary, behind that is hours and hours of simulation and getting it right," says Donna Warren, critical care paramedic and coordinator of the QEII Simulation Program.

The QEII's Sim Bay is a two-part facility – where learners engage in mock traumas with advanced technology and practice surgical skills on cadavers.

This Sim Bay is the only hospital-based simulation facility in Canada that includes clinical-grade cadaver learning on-site. This training is nearly indistinguishable from a live procedure, providing the best possible learning opportunities for healthcare teams.

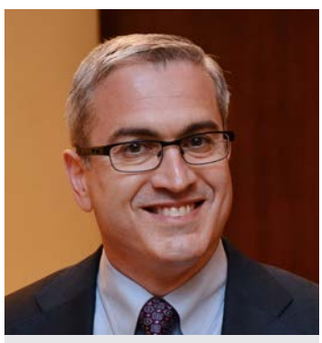
A community supporting research is impacting heart patients

Study led by the QEII's Dr. Jafna Cox aiming to improve QEII cardiac care

A clinical trial involving more than 1,200 patients and 200 family doctors from across Nova Scotia is anticipated to improve outcomes for patients living with atrial fibrillation, an irregular heart rate that increases a patient's risk of stroke or blood clot.

Led by the QEII's Dr. Jafna Cox, who has presented his work internationally, the trial was made possible by the generosity of QEII Foundation donors.

This study will determine if a computer decision support system – a web-based tool – is effective in supporting the treatment and management of atrial fibrillation.



Dr. Jafna Cox

Heart & Stroke Foundation of Nova Scotia Chair in Cardiovascular Outcomes Research

Endowed research chairs, like Dr. Jafna Cox, connect the QEII to global research. Catalysts for change, they support growth in a dedicated field. In partnership with donors, the QEII Foundation is building a generation of healthier Atlantic Canadians through the establishment of endowed research chairs.

The study is anticipated to demonstrate reduced hospitalizations as a result of the web-based decision support system.

Once the results are published, Dr. Jafna Cox will continue to develop and evaluate web-based health management tools for atrial fibrillation – with a special focus on artificial intelligence.