



# HIRO Symposium 2021

Montreal

Friday, May 28<sup>th</sup> and Saturday, May 29<sup>th</sup>, 2021



This annual educational conference brings together specialists in cardiomyopathies and inherited arrhythmias, allied health professionals and patients from across Canada to identify ways to improve the care and management of families affected by inherited heart rhythm conditions.

This activity received an educational grant from the following companies:

Royal College of Physicians and Surgeons of Canada

Institut universitaire de cardiologie et de pneumologie de Québec and Fondation CHU Sainte-Justine

## May 28<sup>th</sup> 2021

All times are based on America/Toronto EDT.

11:00 am	<b>Welcoming remarks</b> D <sup>rs</sup> Andrew Krahn, Anne Fournier and Rafik Tadros
11:05 am — 1:05 pm	<b>Overdiagnosis of inherited heart disease</b> Moderator: D <sup>r</sup> Rafik Tadros and Christian Steinberg
11:05 am	<b>Brugada Syndrome controversies: What is it, how should we call it? And how should we treat it?</b> D <sup>r</sup> Samuel Viskin <b>Objectives:</b> <ul style="list-style-type: none"><li>› Recognizing controversies in the definition of Brugada Syndrome.</li><li>› Review of the ECG classification and nomenclature of Brugada findings.</li><li>› Become familiar with latest therapeutic approaches.</li></ul>
12:05 am	<b>Genetic Overdiagnosing</b> Kirsten Bartels, Laura Robb and Johannie Gagnon <b>Objectives:</b> <ul style="list-style-type: none"><li>› Recognize how genetic overdiagnosis can occur.</li><li>› Appraise the potential impact of genetic overdiagnosis.</li><li>› Determine approaches to mitigate genetic overdiagnosis.</li></ul>
12:45 am	<b>MRI Overdiagnosing</b> D <sup>r</sup> François-Pierre Mongeon <b>Objectives:</b> <ul style="list-style-type: none"><li>› Understand the indications for MRI in patient with inherited arrhythmia.</li><li>› Understand the limitation of MRIs.</li><li>› Review the causes of MRI over diagnosis and how to mitigate them.</li></ul>
1:05 pm — 2:00 pm	<b>Health Break</b>
2:00 pm — 3:30 pm	<b>Great HiRO Debates</b> Moderators: D <sup>rs</sup> Jacqueline Joza and Susan Christian

<p><b>2:00 pm</b></p>	<p><b>Participating in sports, restricting or not?</b>  Case presentation: D<sup>r</sup> Paloma Jorda  Pro: D<sup>r</sup> Jimmy McKinney Con: D<sup>r</sup> Julia Cadrin-Tourigny</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Understanding the benefits of exercise in the general population.</li> <li>› Review sports limitations for patients with inherited arrhythmia.</li> <li>› Explore the process of advising exercise prescriptions for patients with inherited arrhythmia.</li> </ul>
<p><b>2:30 pm</b></p>	<p><b>Genetic testing in children, to do or not to do?</b>  Case presentation: D<sup>r</sup> Mathieu Le Bloa  Pro: D<sup>r</sup> Ciorsti MacIntyre Con: D<sup>r</sup> Joseph Atallah</p> <p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>› Review the indications for genetic testing for children.</li> <li>› Understand the benefits of genetic testing for children.</li> <li>› Explore the disadvantages of genetic testing for children.</li> </ul>
<p><b>3:00 pm</b></p>	<p><b>Defibrillator, to implant or not?</b>  Case presentation: D<sup>r</sup> Thomas Roston  Pro: D<sup>r</sup> Jason Roberts Con: D<sup>r</sup> Jeff Healey</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Review defibrillator indications in patients with inherited arrhythmia.</li> <li>› Understand the consequences of implanting a defibrillator.</li> <li>› Understand the risks of not implanting a defibrillator.</li> </ul>
<p><b>3:30 pm – 4:45 pm</b></p>	<p><b>Managing Tragedy</b>  Moderators: D<sup>r</sup> Anne Fournier and Johannie Gagnon</p>
<p><b>3:30 pm</b></p>	<p><b>Follow-up of diagnosis made at autopsy</b>  D<sup>rs</sup> Martin Clavet and John Younes</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Become familiar with coroner’s prescribed investigations following an autopsy for unexplained sudden death in Ontario.</li> <li>› Become familiar with coroner’s prescribed investigations following an autopsy for unexplained sudden death in Quebec.</li> <li>› Review current investigation protocols nationally.</li> </ul>
<p><b>4:00 pm</b></p>	<p><b>Sudden Infant Death Syndrome – The Jeremy Rill Center experience</b>  D<sup>r</sup> Aurore Côté</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› To define sudden infant death syndrome.</li> <li>› Review the incidence of sudden infant death syndrome in Quebec.</li> <li>› Understand the medical and psycho-social impacts of sudden infant death syndrome.</li> </ul>
<p><b>4:20 pm</b></p>	<p><b>Experience of Pan-Canadian panel with Sudden Infant Death Syndrome</b>  D<sup>rs</sup> Joseph Atallah, Santokh Dhillon and Robert Gow</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Review Interprovincial experience with Sudden Infant Death Syndrome.</li> <li>› Understand best practices in infant forensic pathology and molecular autopsy.</li> <li>› Explore a consensus approach to SIDS family evaluation.</li> </ul>
<p><b>4:45 pm</b></p>	<p><b>Virtual Social Event</b></p>

**May, 29<sup>th</sup>, 2021**

All times are based on America/Toronto EDT.

<b>11:00 am — 12:00 pm</b>	<b>Patient Centered Care</b> Moderators: Darell Porubanec and Rocio Gutierrez
<b>11:00 am</b>	<b>How to involve patients and families</b> Sylvain Bédard, Geneviève David and Darell Porubanec <b>Objectives:</b> <ul style="list-style-type: none"><li>› Understand the role of patients and families in their overall care.</li><li>› Know how to involve patients and families in shared decision making.</li><li>› Become familiar with the personal experience of patient partners.</li></ul>
<b>11:20 am</b>	<b>Psychosocial aspects</b> D <sup>r</sup> Judith Brouillette <b>Objectives:</b> <ul style="list-style-type: none"><li>› Review the psychosocial implications of a diagnosis of inherited arrhythmia.</li><li>› Recognize the signs of psychosocial distress in patients with inherited arrhythmia.</li><li>› Become familiar with available evaluation and therapeutic approaches.</li></ul>
<b>11:40 am</b>	<b>Legal aspects of genetic testing</b> M <sup>e</sup> Doug Mitchell <b>Objectives:</b> <ul style="list-style-type: none"><li>› Review the legal implications of genetic testing.</li><li>› Understand the steps taken to mitigate dissemination of genetic test results to insurance companies.</li><li>› Become familiar with the legislation surrounding genetic testing.</li></ul>
<b>12:00 pm — 1:15 pm</b>	<b>AED /CPR – Where do we stand in 2021 ?</b> Moderators: Brianna Davies and D <sup>r</sup> Julia Cadrin-Tourigny
<b>12:00 pm</b>	<b>Family Experience</b> Alan Corrance and Steven Boyd <b>Objectives:</b> <ul style="list-style-type: none"><li>› Become familiar with the steps taken by families in the Maritime Provinces for the deployment of AEDs.</li><li>› Become familiar with the steps taken by families in Ontario for the deployment of AEDs.</li><li>› Explore a collective approach to advocating local AED deployment.</li></ul>
<b>12:20 pm</b>	<b>The Quebec experience on AED deployment in high schools</b> D <sup>r</sup> Isabelle Nault <b>Objectives:</b> <ul style="list-style-type: none"><li>› Understand the Quebec AED deployment program.</li><li>› Review program deployment pitfalls and successes.</li><li>› Explore a strategy to develop national AEDs in schools programs.</li></ul>
<b>12:40 pm</b>	<b>Ontario mandatory CPR training in grade 9th</b> D <sup>r</sup> Katherine Allan <b>Objectives:</b> <ul style="list-style-type: none"><li>› Review Ontario's Mandatory CPR Training Program in Grade 9.</li><li>› Understand the pitfalls of setting up such a program.</li><li>› Review the positive aspects of the program.</li></ul>

<p><b>1:00 pm</b></p>	<p><b>The future of resuscitation</b>  D<sup>r</sup> Andrew Krahn</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Reflect on the future of resuscitation in Canada.</li> <li>› Understand HiRO's involvement in promoting resuscitation programs.</li> <li>› Propose local resuscitation projects.</li> </ul>
<p><b>1:15 pm — 1:45 pm</b></p>	<p><b>Working Together</b>  Moderators: D<sup>rs</sup> Colette Seifer and Anne Fournier</p>
<p><b>1:15 pm</b></p>	<p><b>Report of HiRO subcommittees</b>  Research: D<sup>rs</sup> Jason Roberts and Andrew Krahn  Active Community: D<sup>r</sup> Colette Seifer  Clinical care: D<sup>r</sup> Collette Seifer  Gouvernance : D<sup>r</sup> Colette Seifer  Executive: D<sup>r</sup> Anne Fournier</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>› Become familiar with the various HiRO committees.</li> <li>› Review terms of references and members of the different committees.</li> <li>› Understand outputs and explore goals for HiRO committees.</li> <li>› Propose concrete actions for each of the committees for 2021-2022.</li> </ul>
<p><b>1:45 pm</b></p>	<p><b>Conference Adjourn</b></p>