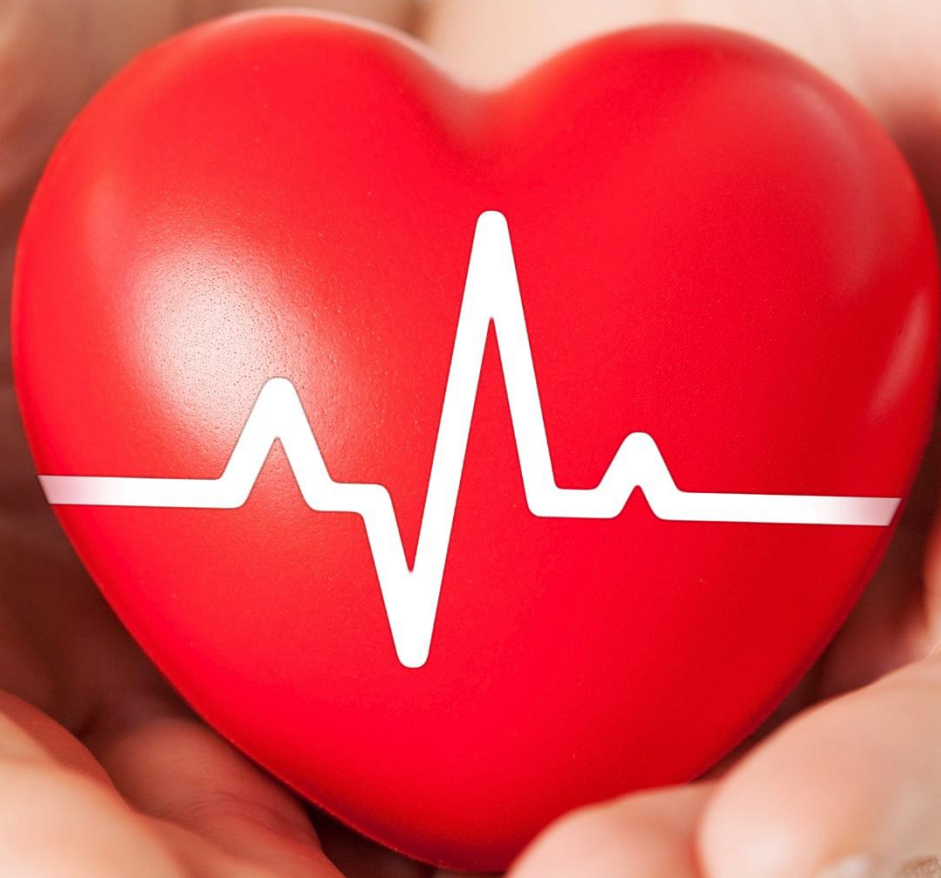


**CHRS**

ANNUAL  
MEETING



**September 13-14, 2019**

**Le Centre Sheraton Hotel  
Montreal, QC**

# Welcome

It gives me great pleasure to welcome you to the Canadian Heart Rhythm Society's 7th Annual Meeting in Montreal. This meeting is growing every year in both numbers of individuals and the disciplines involved. I am also extremely proud to welcome some of the world's experts in the field of cardiac arrhythmia management.

This entire meeting is made possible through the many hours of work by our administrative staff, planning committee, members and partners in industry, who all need to be congratulated for their help in an impartial manner for our professional development. As ever we are always open to suggestions, feedback and novel ideas. We are proud to promote the strong collaborative culture which exists in the Canadian heart rhythm community. I hope that you enjoy this meeting and the dynamic city of Montreal.

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J'ai le grand plaisir de vous accueillir à la 7<sup>e</sup> Assemblée annuelle de la Société canadienne de rythmologie à Montréal. La rencontre prend de l'importance chaque année aussi bien en ce qui a trait au nombre de participants qu'en ce qui a trait aux disciplines qui seront abordées. C'est également avec énormément de fierté que je souhaite la bienvenue à certains des meilleurs experts de la prise en charge de l'arythmie cardiaque à l'échelle mondiale.

La rencontre a été rendue possible grâce aux nombreuses heures de travail par notre personnel administratif, le comité de planification, les membres et les partenaires de l'industrie, qu'il convient de féliciter pour leur aide impartiale à notre perfectionnement professionnel. Comme toujours, les suggestions, les idées nouvelles et les commentaires sont les bienvenus. Nous sommes fiers de promouvoir la solide culture de collaboration qui existe au sein de la communauté canadienne de rythmologie. J'espère que vous profiterez de cette rencontre et de votre séjour dans la dynamique ville de Montréal.



**Benedict Glover, MD**  
Chair, CHRS Annual Meeting Planning Committee

CHRS is an Affiliate Society of the



**Canadian Cardiovascular Society**  
*Leadership. Knowledge. Community.*

**Société canadienne de cardiologie**

*Communauté. Connaissances. Leadership.*

# Planning Committee

**Benedict Glover**  
Chair

**Joseph Atallah**  
Pediatric Community Representative

**Douglas Wan**  
Trainee Representative

**Lindsay Ward**  
Allied Health Professional  
Representative

# Faculty

Sylvia Abadir  
Sean Balmain  
Jamil Bashir  
Anica Bulic  
Brian Courtney  
Debra Campbell  
Eugene Crystal  
John Clark  
Katia Dyrda  
Jack Goodman  
Nicholas Grubic  
Amer Johri  
Elad Mahor  
L. Brent Mitchell  
Stanley Nattel

Isabelle Nault  
David Newman  
Rose Ramm  
Lena Rivard  
Karine Roy  
Mouhannad Sadek  
Shubhayan Sanatani  
Christopher Simpson  
Jonathan S. Steinberg  
Glen Sumner  
Bernard Thibault  
Sharmila Udupa  
Atul Verma  
Seth Worley  
Graham Wright

## Learning Objectives

At the end of this meeting, participants will be able to discuss new developments and technologies in complex mapping and innovation in cardiac arrhythmias.

*Please see the program for a full listing of learning objectives by session.*

## Audience Response System

The CHRS Annual Meeting Planning Committee is pleased to announce that, again this year, we will be using Conferences i/o that will allow you to interact with us throughout the meeting.

On your mobile device (smartphone, laptop, etc.) go to **<https://chrs.cnf.io/>**.

The Conferences i/o app will allow you to respond to polls when they appear on your device, all in real time.

**Step 1:** Enter URL  
**<https://chrs.cnf.io/>**

**Step 2:** Choose  
Session

**Step 3:** Respond to polls  
when they appear OR  
ask questions to the  
speaker.



11:00	<b>REGISTRATION</b>	<i>Foyer ABC</i>
11:00	<b>PROGRAM DIRECTORS MEETING</b> ( <i>invitation only</i> )	<i>Lamartine</i>
11:00	<b>CHRS BOARD OF DIRECTORS MEETING</b> ( <i>invitation only</i> )	<i>Kafka</i>
12:00	<b>LUNCH</b>	<i>Foyer ABC</i>
13:00	<b>WELCOME &amp; INTRODUCTION</b> - Ben Glover & John Sapp <b>The low fluoroscopy CAREFL registry</b> - Ben Glover	<i>Foyer ABC</i>
13:10	<b>TIPS &amp; TRICKS IN CARDIAC ELECTROPHYSIOLOGY</b>	<i>Foyer ABC</i>
	<b>If I Had to do it All Over Again: Advice for a Successful Career in Academic Cardiac Electrophysiology</b> - L. Brent Mitchell	
	<b>How to Write a Manuscript.... and get it Published</b> - Stanley Nattel	
	<b>Driving Regulations in Arrhythmia, Syncope and Device Therapy</b> - Christopher Simpson	
	<b>Pharmacological Management of Atrial Fibrillation</b> - David Newman	
	<b>High Performance Athletes and Atrial Fibrillation</b> - Jack Goodman	
	<b>Discussion</b>	
	LEARNING OBJECTIVES: At the end of this session, participants will be able to:	
	<ul style="list-style-type: none"><li>• To understand, through case presentations, the fitness to drive guidelines as well as the regulatory environment around medical fitness to drive</li><li>• To consider the personal attributes that facilitate a successful academic career in clinical cardiac electrophysiology</li><li>• To develop strategies for the optimal composition of research reports for publication.</li></ul>	
15:10	<b>REFRESHMENT BREAK (Sponsored by Merit Medical)</b>	<i>Foyer ABC</i>



# Friday September 13, 2019 (continued)

15:30 **COMPLEX DEVICE MANAGEMENT**

*Foyer ABC*

**Tricks and Tips in Difficult CS Lead Placement** - Seth Worley

**Overview of His Bundle Pacing** - Bernard Thibault

**Heart Function Optimization: How we Can Improve Collaboration Between Heart Failure and EP** - Sean Balmain

**Cardiac Implantable Electronic Device Remote Monitoring Follow Up: Informing Future Guidelines and Policy from the Patients' Perspectives** - Debra Campbell

**Results of Lead Extraction in Very Young Adults** - Jamil Bashir

## **Discussion**

LEARNING OBJECTIVES: At the end of this session, participants will be able to:

- To explain why difficult CS lead placement is not a matter of tips & tricks but requires process optimization in addition to interventional tools & techniques.
- To raise awareness regarding the patients perspectives on remote monitoring
- To understand guideline-directed medical therapy that could be optimized in device clinic

17:30 **INNOVATION IN MAPPING & CATHETER ABLATION**

**Electroporation for the Management of Cardiac Arrhythmias** – Elad Maor

**High Power Short Duration Ablation for Atrial Fibrillation** - Mouhannad Sadek

**Integration of MRI Into the EP Lab** - Graham Wright

LEARNING OBJECTIVES: At the end of this session, participants will be able to:

- Describe the clinical potential of electroporation in clinical cardiology
- Understand how MRI can depict ventricular arrhythmia substrate and radiofrequency ablation lesions in the heart.

17:30 **WELCOME RECEPTION**

*Salon Jarry & Joyce*

**POSTER PRESENTATIONS**



**JOIN US AGAIN NEXT YEAR!**  
**2020 Annual Meeting**  
**September 12-13**  
**Winnipeg, Manitoba**

07:00	<b>REGISTRATION &amp; BREAKFAST</b>	<i>Foyer ABC</i>
07:00	<b>CHRS ABLATION COMMITTEE MEETING</b> ( <i>observers are welcome</i> )	<i>Kafka</i>
07:00	<b>CHRS EDUCATION COMMITTEE MEETING</b> ( <i>observers are welcome</i> )	<i>Lamartine</i>
08:00	<b>MANAGEMENT OF ATRIAL FIBRILLATION I</b>	<i>Foyer ABC</i>

**Catheter Based Approach to Persistent Atrial Fibrillation** - Atul Verma

**High Resolution Mapping for the Management of AF and Post AF Atrial Tachycardia** - Karine Roy

**Community Atrial Fibrillation Clinic: Attempting to Bridge a Care Gap in Manitoba** - Rose Ramm

**AF Ablation in Patients with Heart Failure** - Lena Rivard

**Atrial Fibrillation in Patients Who Have Undergone Catheter Ablation for CTI Dependent Atrial Flutter** - Jonathan S. Steinberg

### Discussion

LEARNING OBJECTIVES: At the end of this session, participants will be able to:

- To Demonstrate the importance of stroke prevention, as well as management of co morbidities at a community level for patient with atrial fibrillation.
- Heart failure and atrial fibrillation: Who are the best candidates for ablation?
- To understand the risk of atrial fibrillation after isthmus-dependent atrial flutter is eliminated, and potential interventions for its prevention

10:00	<b>REFRESHMENT BREAK</b>	<i>Foyer ABC</i>
10:20	<b>EP IN THE YOUNG (concurrent with Trainee Stream)</b>	<i>Foyer ABC</i>

**Zero Fluoroscopy in Cardiac Electrophysiology** - John Clark

**Debate: Using Non-Transvenous CIEDs for all Initial Implants in Adolescents and Young Adults** - Sharmila Udupa

**Debate: Using Transvenous CIEDs and Routine Lead Extraction for all Initial Implants in Adolescents and Young Adults** - Anica Bulic

**Novel Percutaneous Epicardial Pacing Systems** - Sylvia Abadir

### Discussion

LEARNING OBJECTIVES: At the end of this session, participants will be able to:

- Understand the available 3-dimensional mapping tools that can minimize or eliminate fluoroscopy use in catheter ablation.
- Understand radiation trends in the United States.
- To highlight the need for cardiac pacing in infants and young patients
- To demonstrate the limitations of current pacing systems
- To summarize recent reports on novel technologies attempting to get around current limitations

# Saturday September 14, 2019 (continued)

- 10:20 **TRAINEE STREAM (concurrent with EP in the Young session)** *Hemon*
- Does taking a history matter? Pitfalls and pearls in clinical EP** - David Newman
- Strategies to Minimize, Recognize Early and Manage Device Implanting Complications** - Bernard Thibault
- Strategies to Minimize, Recognize Early and Manage Ablation Complications** - Katia Dyrda
- Career Advice: Panel Discussion** - Chris Simpson, Brent Mitchell, Katia Dyrda
- Discussion**
- LEARNING OBJECTIVES: At the end of this session, participants will be able to:
- Recognize when intra-cardiac echo will benefit the procedure.
- 12:00 **LUNCH** *Foyer ABC*
- 12:00 **CHRS RESEARCH COMMITTEE MEETING** (*observers are welcome*) *Kafka*
- 12:00 **ALLIED HEALTH PROFESSIONALS MEETING** (*observers are welcome*) *Lamartine*
- 13:00 **MANAGEMENT OF ATRIAL FIBRILLATION II** *Foyer ABC*
- Catheter Based Approach to Paroxysmal Atrial Fibrillation** - Isabelle Nault
- Selection, Preparation and Follow-up of Patients Who Undergo Catheter Ablation of Atrial Fibrillation** - Katia Dyrda
- The Use of ICE to Minimize Fluoroscopic Exposure** - Brian Courtney
- Robotic Atrial Fibrillation Ablation** - Eugene Crystal
- Discussion**
- LEARNING OBJECTIVES: At the end of this session, participants will be able to:
- Develop an approach for the management of peri-procedural anticoagulation.
- 15:00 **REFRESHMENT BREAK** *Foyer ABC*

**This event is an accredited group learning activity under Section 1 as defined by the Royal College of Physicians & Surgeons of Canada for the Maintenance of Certification program. This program is approved by the Canadian Cardiovascular Society for a maximum of 11.5 credits.**

# Saturday September 14, 2019 (continued)

15:20 **SCREENING OF THE ATHLETE: CONSENSUS AND CONTROVERSIES FROM THE CHRS/CCS JOINT POSITION STATEMENT**

Foyer ABC

**Introduction** - Amer Johri

**Canada's First Center of Excellence: Implementing and Developing the CSCAP at Queen's University** - Nicholas Grubic

**Debate: The Case for ECG Screening** - Glen Sumner

**Debate: The Case Against ECG Screening of the Athlete** - Shubhayan Sanatani

**Rebuttal** - Glen Sumner

**Rebuttal** - Shubhayan Sanatani

## **Discussion**

LEARNING OBJECTIVES: At the end of this session, participants will be able to:

- To interpret the tiered framework towards CV screening of athletes recommended by the CHRS and CCS Position Statement (Figure 1, CJC 2019).
- Understand the implementation of cardiovascular pre-participation screening recommendations at Queen's University and recognize future directions for national network formation of the Cardiovascular Screening and Care of Athletes Program (CSCAP).
- To present evidence about appropriate use of the electrocardiogram in the evaluation of sudden death risk in athletes.
- To gain an understanding the relevant potential athlete-centred potential benefits and adverse consequences that surround the controversy of ECG screening in high performance athletes.

16:30 **ADJOURNMENT**

## Evaluation & Certificate of Attendance

Please take the time to complete the evaluation at <https://www.surveymonkey.com/r/7TCBH98> or scan the QR code below. Completing the evaluation will assist the Planning Committee with the development of future programs and provide you with your certificate of attendance.









CHRS wishes to thank the following Sponsors for their contribution to our 2019 Annual Meeting

La société canadienne de rythmologie souhaite remercier les commanditaires suivants pour leur contribution à l'Assemblée annuelle 2019

**Gold level:**



Bristol-Myers Squibb



**Medtronic**

**Silver level:**



*Canadian  
Heart Rhythm  
Society*

*Société canadienne  
de rythmologie*



## **CONTACT US**

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