

CHRS

ANNUAL
MEETING



September 14-15, 2018

OTTAWA MARRIOTT HOTEL

Welcome

It gives me great pleasure to welcome you to the Canadian Heart Rhythm Society's 6th Annual Meeting in Ottawa. 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.

The theme for this year's meeting is Complex Mapping and Innovation in Cardiac Arrhythmias.

We are proud to align this meeting with the Canadian Arrhythmia Network of Canada (CANet) Annual Scientific Conference, to promote collaborative research discussions and explore our shared interests. 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 beautiful city of Ottawa.

J'ai le grand plaisir de vous accueillir à la 6^e Assemblée annuelle de la Société canadienne de rythmologie à Ottawa. 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.

Le thème de la réunion de cette année est la cartographie complexe et l'innovation dans les arythmies cardiaques.

Nous sommes fiers d'harmoniser la rencontre avec la Conférence scientifique annuelle du Réseau canadien sur l'arythmie cardiaque, ce qui représente une bonne occasion de promouvoir des discussions collaboratives sur la recherche et d'explorer nos intérêts communs. 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 belle ville d'Ottawa



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.

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Ratika Parkash

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Damian Redfearn

Calum Redpath

Lena Rivard

Mouhannad Sadek

John Sapp

Bernard Thibault

Lindsey Ward

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 we will be using Conferences i/o that will allow you to interact with us throughout the meeting.

If you have a mobile device (smartphone, laptop, etc.) please open your browser and 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

Friday September 14, 2018



11:00	REGISTRATION	<i>Victoria Foyer</i>
11:00	PROGRAM DIRECTORS MEETING (<i>invitation only</i>)	<i>Albion Salon</i>
11:00	HIRO INVESTIGATOR MEETING (<i>invitation only</i>)	<i>Capital/ Carleton Salon</i>
11:00	CHRS BOARD MEETING (<i>invitation only</i>)	<i>Alta Vista Salon</i>
12:00	CANet/CHRS JOINT LUNCH	<i>Victoria Foyer</i>
13:00	WELCOME & INTRODUCTION - Ben Glover & François Philippon	<i>Victoria Ballroom</i>
13:10	TIPS & TRICKS IN CARDIAC ELECTROPHYSIOLOGY	<i>Victoria Ballroom</i>

Preclinical Models of Atrial Fibrillation: What (if any) is Their Clinical Relevance? - Stanley Nattel

The Use of Anti-Arrhythmic Drug Therapy in the Management of PVC Induced LV Dysfunction - Paul Dorian

What to do With a Borderline QT: Call a Friend? - Andrew Krahn

SVT: What's the Diagnosis from the ECG - Martin Green

How I Manage Oral Anticoagulation in a Patient with Atrial Fibrillation
- Brent Mitchell

Discussion

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

- Understand the main animal models available to study AF mechanisms and therapies, and to appreciate their value and limitations for the understanding and advancement of clinical AF management.
- Recognize the incidence and mechanisms of PVC induced cardiomyopathy and to assess the risks and benefits of PVC suppression in the management of possible PVC induced cardiomyopathy.
- Evaluate the T wave morphology and duration with several techniques to determine the QT interval.
- Learn an approach to the electrocardiographic interpretation of SVT from 12 lead ECG and rhythm strips.
- Highlight important patient scenarios not covered by the Canadian Cardiovascular Society Atrial Fibrillation Guidelines with respect to anticoagulation for the purpose of stroke prevention.

15:10	REFRESHMENT BREAK	<i>Victoria Foyer</i>
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Friday September 14, 2018 (continued)

15:30 **MANAGEMENT OF VENTRICULAR TACHYCARDIA**

Victoria Ballroom

Catheter Ablation for the Management of VT 2018: Indications and Clinical Decisions - John Sapp

Mechanisms and Pathophysiology of Structural VT - Eugene Downar

Approach to Structural VT Ablation: Tips and Tricks - Marc Deyell

Management of Focal VT's in the Electrophysiology Laboratory
- Lena Rivard

Zero Fluoroscopy in the EP Lab - Félix Ayala-Paredes

Discussion

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

- Integrate optimal pre-procedure decision making to maximize procedural success from VT ablation in structural heart disease and recognize intra-procedural strategies to minimize complications during VT ablation.

17:30 **WELCOME RECEPTION**

Cartier I/II

POSTER PRESENTATIONS

HANDS-ON SIMULATION SESSIONS FOR MAPPING SYSTEMS AND ABLATION TECHNOLOGY



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The logo for the CHRS Annual Meeting. It features the text 'CHRS' in a large, bold, sans-serif font. Below it, the words 'ANNUAL MEETING' are stacked in a smaller, all-caps, sans-serif font. To the right of the text is a stylized graphic consisting of a red heart shape with a white ECG line running through it, and a red maple leaf shape partially overlapping the heart.

SAVE THE DATE!
2019 Annual Meeting
September 13-14, 2019
Sheraton Montreal Hotel



07:00 **REGISTRATION & BREAKFAST** *Victoria Foyer*

07:00 **CHRS MEMBER COMMUNICATIONS COMMITTEE MEETING** (*invitation only*) *York Salon*

08:00 **MANAGEMENT OF ATRIAL FIBRILLATION I** *Victoria Ballroom*

Management of Persistent Atrial Fibrillation: Elimination of Triggers
- Andrea Natale

Management of Persistent Atrial Fibrillation: Rotor Mapping and Ablation - Damian Redfearn

Using the Hybrid Approach to Treat Persistent Atrial Fibrillation
- Gianluigi Bisleri

How I Manage Persistent Atrial Fibrillation - DJ (Dhanunjaya) Lakkireddy

Focal Activations in Substrate and Trigger (FAST) AF Mapping
- Vijay Chauhan

Discussion

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

- Describe the current challenges in signal processing of atrial signals and evaluate the various technologies in their practice.
- Understand the application of the hybrid approach for complex atrial fibrillation treatments.
- Recognize the pathophysiology of persistent AFib and identifying techniques that work in improving the success of ablation and explore the KCHRI approach to non-paroxysmal AF patients.
- Define focal electrical activations during atrial fibrillation and evaluate their role as adjunctive ablation targets to pulmonary vein isolation.

10:00 **REFRESHMENT BREAK** *Victoria Foyer*

10:20 **DEVICE MANAGEMENT I** *Victoria Ballroom*

Multielectrode Left Ventricular Pacing for Optimization of Biventricular Pacing - Bernard Thibault

Complex Cases in Biventricular Pacing - Peter Leong-Sit

Remote Monitoring - Ratika Parkash

Peri-procedural Antithrombotic Therapy - Vidal Essebag

Discussion

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

- Provide an update on the role (and limitations) of multi-point pacing to improve response to resynchronization therapy.
- Comprehend the current and future landscape of remote monitoring in Canada.

Saturday September 15, 2018 *(continued)*

12:00	LUNCH	<i>Victoria Foyer</i>
12:00	CHRS RESEARCH COMMITTEE MEETING <i>(observers are welcome)</i>	<i>York Salon</i>
12:00	CHRS ABLATION COMMITTEE MEETING <i>(observers are welcome)</i>	<i>Albion Salon</i>
12:00	ALLIED HEALTH PROFESSIONALS MEETING <i>(observers are welcome)</i>	<i>Alta Vista Salon</i>
13:00	MANAGEMENT OF ATRIAL FIBRILLATION II	<i>Victoria Ballroom</i>

The Impact of the Autonomic Nervous System on Atrial Fibrillation

- Noel Boyle

Zero Fluoroscopic Atrial Fibrillation Ablation - Mouhannad Sadek

Robotic Atrial Fibrillation Ablation - Eugene Crystal

Autonomics and Atrial Fibrillation - Drew Armour

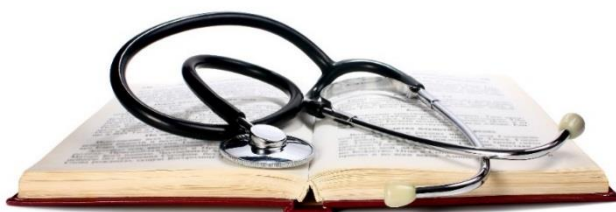
Left Atrial Appendage Closure in 2018 - Réda Ibrahim

Discussion

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

- Understand opportunities for Autonomic Nervous System Modulation in management of Atrial Fibrillation.
- Review the data for non-fluoroscopic ablation of complex arrhythmia and review the techniques for ablation of AF and VT without fluoroscopy.
- Identify the complex role that the autonomic nervous system putatively plays in cardiac arrhythmia induction.
- From real cases, know the role of left atrial appendage occlusion, the available devices, the success rate, the risks/benefits and the most significant ongoing trials.

15:00	REFRESHMENT BREAK	<i>Victoria Foyer</i>
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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 15, 2018 (continued)

15:20 **DEVICE MANAGEMENT II**

Victoria Ballroom

How to Minimize Fluoroscopy During Device Implantation

- François Philippon

How to Set up an Atrial Fibrillation Clinic - Lindsey Ward

Novel Pacing: In, Out or Within? - Calum Redpath

Cybersecurity & Cardiac Devices: Myths, Realities, Lies and Truths

- Adrian Baranchuk

Discussion

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

- Recognize the radiation exposure risks during implants and learn best clinical practices to reduce exposure to both the operator and the patient.
- Learn about one AFib Clinic's attempt to maximize efficiency, reach and impact of AF care using skilled interdisciplinary clinicians, telecommunications and videoconferencing systems.
- Identify the real risks of cybersecurity attacks in pacemakers and defibrillators, to learn about firmware upgrades.

17:00 **ADJOURNMENT**

Evaluation & Certificate of Attendance

Please take the time to complete the evaluation at <https://www.research.net/r/chrsmeeting2018> 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.



Notes

CHRS wishes to thank the following Gold Sponsors for their contribution to our 2018 Annual Meeting

La société canadienne de rythmologie souhaite remercier les commanditaires d'or suivants pour leur contribution à l'Assemblée annuelle 2018



*Canadian
Heart Rhythm
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de rythmologie*



CONTACT US

Canadian Heart Rhythm Society (CHRS)
222 Queen Street, Suite 1100 Ottawa, ON K1P 5V9
1 (613/877) 569-3407 Ext. 418
www.chrsonline.ca
chrs@ccs.ca



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