

UBC Cardiology Research News

Reporting Jul-Sep 2015

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Message from Research Director

Dear Colleagues:

This is the final instalment for the first full year of the research letter and it is a delight to be able to show, once again, such a high level of sustained and successful activities. The program recently gave its annual report to the division showing that we are funding good projects, supporting statistical needs and remaining within budget.

We are planning for the next cycle of Pilot Project applications (due November 1) and in anticipation of this, we are soliciting more national advisors to help us review and rank proposals.

Outreach has developed at a slower pace than anticipated but a meeting with Kelowna investigators will take place in November of this year. We are hoping to encourage "made in BC" provincial research projects over the long-term if possible.

Finally, on a sad note, this is the last research letter that Janet Crocombe has created for us as she moves on into a well-deserved retirement. I wish to formally thank her on everyone's behalf for the tremendous support of the research portfolio and to offer her every best wish for her new phase of life! However, I am pleased to announce that Faye Pederson will be joining us on October 26th, to assume Janet's role, Faye's contact details will be announced in due course.

Sincerely:

G. B. John Mancini
UBC Division of Cardiology
Research Director

Grants Awarded:

- **Andrade, Jason:** Canadian Arrhythmia Network (CANet): *Early Invasive vs. Delayed Intervention for Atrial Fibrillation.* \$450,062. 2015-17
- **Deyell, Marc:** CCS Atrial Fibrillation Research Award: *Efficacy, health care utilization rates and safety of a same-day discharge protocol for AF ablations.* \$100,000. July 2015-2017.
- **Humphries, Karin:** CIHR: *Coronary Revascularization: A Tool for Evidence-Based, Individualized, Shared Decision-Making (CR-Decide).* \$368,800. Jul 2015-Jan2019.
- **Krahn, Andrew:** Canadian Arrhythmia Network (CANet): *Innovative Strategies to Reduce the Risk of Sudden Cardiac Death Using Novel Clinical and Population Approaches.* \$249,165. 2015-2017.
- **Krahn, Andrew:** CIHR: *Impact of early repolarization on long QT syndrome: Canadian genetic heart rhythm network.* \$913,879. Jul 2015-2021.

Invited Lectures:

Deyell, Marc:

- Providence Health Care Cardiac Nursing Day 2015, Vancouver: "Atrial Fibrillation: Where We've Been; Why Now?; Where We're Going"
- Canadian Ventricular Tachycardia Symposium, Calgary, Canada, 2015 "A VT Conundrum"

DISCLAIMER: This newsletter is not guaranteed to be complete. It is based on voluntary submissions by Division Members and PubMed (NLM) literature search for the relevant period.

Publications

1. **Andrade JG**, Roy D, Wyse DG, Tardif JC, Talajic M, Leduc H, Tourigny JC, Shohoudi A, Dubuc M, Rivard L, Guerra PG, Thibault B, Dyrda K, Macle L, Khairy P. Heart rate and adverse outcomes in patients with atrial fibrillation: A combined AFFIRM and AF-CHF substudy. *Heart Rhythm*. 2015.
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4. **Bennett MT**, Leader N, **Krahn AD**. Recurrent syncope: differential diagnosis and management. *Heart*. 2015;Oct 1;101(19):1591-9. doi: 10.1136/heartjnl-2014-306627.
5. **Brunner NW**, Haddad F, Kobayashi Y, Hsi A, Swiston JR, **Gin KG**, Zamanian RT. Prognostic utility of right atrial emptying fractions in pulmonary arterial hypertension. *Pulm Circ*. 2015 Sep;5(3):473-80. doi: 10.1086/682218.
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11. Damaraju D, Steiner T, Wade J, **Gin K**, FitzGerald JM. Clinical Problem-Solving. A Surprising Cause of Chronic Cough. *N Engl J Med*. 2015;373:561-6.

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21. **Jolly SS, Cairns JA, Dzavik V.** Primary PCI with or without Thrombectomy. *N Engl J Med.* 2015;373:682-3.
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23. **Kapadia SR, Tuzcu EM, Makkar RR, Svensson LG, Agarwal S, Kodali S, Fontana GP, Webb JG, Mack M, Thourani VH, Babaliaros VC, Herrmann HC, Szeto WY, Pichard A, Williams MR, Anderson WN, Akin JJ, Miller DC, Smith CR, Leon MB.** Response to Letter Regarding Article, "Long-Term Outcomes of Inoperable Patients With Aortic

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 32. Mangold S, Castillo-Sang M, Schoepf UJ, **Leipsic JA**, Fuller SR, Wichmann JL, Muscogiuri G, De Cecco CN. Imaging in Minimally Invasive Mitral Valve Repair. *J Thorac Imaging*. 2015.
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35. O'Connor SA, Morice MC, Gilard M, Leon MB, **Webb JG**, Dvir D, Rodes-Cabau J, Tamburino C, Capodanno D, D'Ascenzo F, Garot P, Chevalier B, Mikhail GW, Ludman PF. Revisiting Sex Equality With Transcatheter Aortic Valve Replacement Outcomes: A Collaborative, Patient-Level Meta-Analysis of 11,310 Patients. *J Am Coll Cardiol.* 2015;66:221-8.
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37. **Padfield GJ**, AlAhmari L, Lieve KV, AlAhmari T, Roston TM, Wilde AA, **Krahn AD**, Sanatani S. Flecainide: An Option as Monotherapy for Catecholaminergic Polymorphic Ventricular Tachycardia in Selected Patients Intolerant of ss-Blockade. *Heart Rhythm. Heart Rhythm.* 2015 Sep 25. pii: S1547-5271(15)01197-2. doi: 10.1016/j.hrthm.2015.09.027. [Epub ahead of print]
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39. **Rabkin SW**. Impact of Age and Sex on QT Prolongation in Patients Receiving Psychotropics. *Can J Psychiatry.* 2015;60:206-14.
40. **Rabkin SW**, Cheng XB. Nomenclature, categorization and usage of formulae to adjust QT interval for heart rate. *World J Cardiol.* 2015;7:315-25.
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42. **Saw J**. Percutaneous left atrial appendage closure for stroke prevention. *Trends Cardiovasc Med.* 2015.
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Publications

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The next quarterly **UBC Cardiology Research News** will come out mid-January 2016 and will include October – December 2015 achievements.

You are invited to submit brief details of any Publications, Grants awarded, Invited Lectures at Other Institutions and any Awards or Distinctions received during October-December 2015 for the next issue – deadline end of December 2015

Your research achievements welcomed at any time

Please send to Faye Pederson (email tba)

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