Lyme Carditis and Management of High Degree AV Block

Dr. Adrian Baranchuk, a native of Buenos Aires, Argentina, obtained his MD from the University of Buenos Aires in 1990. After qualifying in Internal Medicine and Cardiology (1995), he completed a Clinical Fellowship in Cardiac Electrophysiology (1997). In 2002 he immigrated to Spain for a Research Fellow. Dr. Baranchuk was appointed as a Clinical Fellow in Electrophysiology at McMaster University in September 2003.

Dr. Baranchuk was appointed as an Assistant Professor of Medicine at Queen’s University (2006), promoted to Associate Professor in 2010 and to Full Professor in 2016 (with Tenure). He has founded the EP Training Program in 2007.

He is a member of numerous editorial boards (Europace, Annals of Noninvasive Electrocardiology, etc) and reviewer of several journals. He is currently the Editor-in-Chief of the Journal of Electrocardiology.

The recipient of a teaching award (Outstanding Contribution in the Core Internal Medicine Program 2009) and 2014 awarded with the prestigious “Faculty of Health Sciences Education Award”.

Dr Baranchuk was awarded with the “Golden Caliper Award” from the SOLAECE (Latin American Society of Pacing and Electrophysiology) for his outstanding contributions to
science in 2014 and with the “ISHNE Junior Investigator Award” in April 2015. In 2016 he was distinguished with the “10 Most Influential Hispanic-Canadian Award” from the Hispanic business.ca and TD Bank.

His first book, *Atlas of Advanced ECG Interpretation* (REMEDICA, UK) represents a big collaboration effort from well-recognized electrophysiologists of all around the world. His second book *Left Septal Fascicular Block* was released by SPRINGER in 2016 and his iBook “Electrocardiography in Practice: What to do?” has been number 1 in iTunes for several weeks and downloaded more than 1100 times in about 6 months (2016). His last book “Interatrial Block and Supraventricular Arrhythmias: Clinical Implications of Bayes’ Syndrome” was released in January 2017 by CARDIOTEXT. His next book “Clinical Arrhythmology 2nd Edition” will be released in July 2017 by Willey.

He has published more than 460 articles in well-recognized international journals (367 in Pubmed), 43 book chapters and presented more than 225 abstracts. He has been elected “President Elect” of the International Society of Electrocardiology (ISE) for the period 2017-2019. He is currently serving as Canadian Vice President of the Interamerican Society of Cardiology and as Director of SIAC Academia, for the same society.

He has mentored more than 100 students and residents and his publications usually include a Med Student or resident as first author. He is the current Director of the Critical Enquiry course at Queen’s University. He has been elected Member of the Electrophysiology Section Leadership Council of the American College of Cardiology (2017-2020).

He is in charge of organizing the ECG module for the trainee day and the ECG Workshops during the Canadian Cardiovascular Congress.
He lives in Kingston, Ontario, Canada with his wife Barbara and his daughter, Gala.

Conference Lecture Summary

This presentation will cover all aspects of Lyme carditis with special emphasis on diagnosis and management of electrical disturbances.

Very little information is available on how to handle these particular cases, and quite frequently, extrapolation from other cardiac causes of electrical disturbances is applied.

This is particularly disturbing as most of Lyme carditis patients are young and they may completely recover from the heart infection and inflammation.

The presentation will be illustrated with 2 local cases in the endemic region of Canada and show how the management of these cases requires a different approach than the one provided for most of cardiac patients.