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Systematic approach for the diagnosis and treatment of Lyme carditis

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, JACC en Español, etc) and reviewer of several journals. He is currently the Editor-in-Chief of the Journal of Electrocardiology and Deputy Editor for JACC in Spanish.

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Conference Lecture Summary

Lyme carditis represents about 2-3% of all Lyme disease presentations. Usually, patients with Lyme carditis are under-

recognized in many ER departments. Patients need to visit the ER 2-3 times in average until the diagnosis is suspected. During this presentation, the "**Suspicious Index in Lyme carditis (SILC)**" will be discussed and its acronym "**COSTAR**" will be presented. This may help physicians to become more familiarized with this type of Lyme disease presentation. A full algorithm on how to treat this condition will be presented. High-degree AV block represents about 90% of all Lyme carditis cases. Failure to recognize this entity may result in preventable fatalities.