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Paroxysmal atrial fibrillation ablation: Achieving permanent pulmonary vein isolation by point-by-point radiofrequency lesions

Alonso Pedrote, Juan Acosta, Beatriz Jáuregui-Garrido, Manuel Frutos-López, Eduardo Arana-Rueda

Abstract

Pulmonary vein isolation by point-by-point radiofrequency catheter ablation constitutes the cornerstone of catheter ablation strategies for the treatment of atrial fibrillation. However, despite advances in pulmonary vein isolation ablation strategies, long-term success rates after ablation remain suboptimal, which highlights the need to develop techniques to achieve more durable

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25 Sep 2014 ... Pulmonary vein isolation (PVI) is the cornerstone of various catheter ...
Keywords: Atrial fibrillation, Catheter ablation, radiofrequency, Pulmonary veins, Isolation ...
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Current Pulmonary Vein Ablation techniques are achieving success rates of ... catheter devices can be Radio Frequency (RF) or CryoBalloon (freezing). ... point -by-point RF ablation burns (made from inside the heart) isolating the pulmonary veins ... There may be gaps left in these lesions which may result in Atrial Flutter.

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