

Oral Presentation AF 5

7月15日 16:00~17:00

Room 9 (第9会場) (2階206 / Meeting Room 206, 2F)

司会

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O-54 Effectiveness of Multifunction CardioGram Predicting Recurrence of Atrial Fibrillation After Pulmonary Vein Isolation : A Preliminary Result

演者

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Background : Multifunction CardioGram (MCG) was newly developed ECG analysis device to diagnose ischemic coronary artery disease. However, there was little known effectiveness of MCG in patients with arrhythmia. Therefore, the aim of this study was to evaluate potential ability of MCG to predict recurrence of atrial fibrillation (Af) after pulmonary vein isolation. Methods : A total of 39 consecutive patients receiving pulmonary vein isolation were prospectively enrolled. Recurrence of Af (N=6) was defined as within 3 month after pulmonary vein isolation. Results : MCG score was not different between patient with and without recurrence Af. Frequency of "arrhythmic tendency" in the report of MCG after pulmonary vein isolation was significantly higher in Recurrent Af. Conclusions : The MCG seems to be useful to predict recurrence of Af after pulmonary vein isolation.

