

Recent advances in management of arrhythmia



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Cardiac arrhythmia is one of the three major cardiovascular diseases. In the recent electrophysiologic field, non-pharmacologic modalities such as device implantation or catheter ablation to diagnose or manage arrhythmias have been advanced. In this lecture, 1) small implantable loop recorder to detect hidden arrhythmia (recurrent syncope, palpitation or unexplained stroke are indicated in Korea), 2) leadless pacemaker, 3) subcutaneous implantable cardioverter-defibrillator, 4) management of atrial fibrillation (AF) including catheter ablation based on the recent 2016 European guideline will be addressed. AF is the most frequently encountered arrhythmia in neurocritical care unit, therefore how to manage AF occurred in acutely ill state and AF-related dementia will also be introduced.

Key Words: arrhythmia, device implantation, catheter ablation, atrial fibrillation

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