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演講主題

Arrhythmogenic Cardiomyopathy: Current Status and Future  
Direction

心律不整性心肌病：現狀與未來

Abstract 摘要：

Arrhythmogenic cardiomyopathy (ACM) is an inheritable heart muscle disease characterized pathologically by fibrofatty myocardial replacement and clinically by ventricular arrhythmias (VAs) and sudden cardiac death (SCD). It was originally described as predominantly right ventricle (RV) involvement-- so-called arrhythmogenic right ventricular cardiomyopathy (ARVC), but a broader phenotypic spectrum has been commonly recognized with biventricular or even left ventricle (LV)-dominant nowadays.

The clinical management of these patients has two main purposes: the prevention of SCD and the control of arrhythmic and heart failure (HF) events. Risk stratification in ACM patients is mostly based on arrhythmic burden and ventricular dysfunction severity, however, the role of cardiac magnetic resonance imaging has evolved in the recent decades. An implantable cardioverter defibrillator (ICD) is the only proven lifesaving treatment, selection of patients who can benefit the most from ICD therapy is one of the most challenging issues in clinical practice. Catheter ablation represents an effective strategy to treat ventricular tachycardia relapses and recurrent ICD shocks. In this presentation, the role of CMR imaging in the diagnosis of ACM, the incremental value of CMR imaging in the risk stratification, and its assistance of catheter ablation will be introduced and discussed