

## BRUGADA SYNDROME

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In 1992, Brugada syndrome was introduced as a new clinical entity linking typical but variable ST segment changes in the right precordial leads to an increased vulnerability for lethal ventricular arrhythmias. The diagnosis of Brugada syndrome is based on clinical and electrocardiographic features. Recent studies illustrate the dynamic character of these ECG patterns. Whenever a large number of baseline ECGs was available during a follow-up, the diagnostic pattern could be documented only in approximately 25% of the tracings. Because the presence of the spontaneous covered type I ECG pattern is thought to be a useful predictor of future arrhythmic events in asymptomatic patients, these findings are of great clinical importance. ICD implantation is an option for the patients with Brugada syndrome and ventricular tachycardia or fibrillation. Extensive research is ongoing to find alternative pharmacological options for these patients, especially for patients in whom ICD implantation is contraindicated for various reasons. *Acta Medica Medianae* 2015;54(2):37-40

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