

Radiofrequency ablation-induced asystole during transaortic approach for a left anterolateral accessory pathway: a Bezold-Jarisch-like phenomenon.

陳亦仁

Tsai CF;Chen SA;Chiang CE;Tai CT;Lee SH;Wen ZC;Chen YJ;Yu WC;Huang JL;Feng AN and Chang MS

摘要

Abstract

We present a case of cardiac asystole induced by radiofrequency catheter ablation of a left anterolateral accessory pathway in a 28-year-old woman with Wolff-Parkinson-White syndrome who was experiencing recurrent palpitation. Radiofrequency current applied on the ventricular aspect of the mitral annulus corresponding to the aforementioned site provoked profound slowing of the sinus rate preceded by disappearance of the preexcitation, and then asystole ensued. The proposed causal mechanism was a reflexogenically mediated hypotension-bradycardia syndrome (Bezold-Jarisch-like phenomenon) through stimulation of either nearby vagal afferent pathways or sensory terminal receptors at the ablation site.