Zipes/Jalife Cardiac Electrophysiology (fifth edition) states that the site of electrification in usual atrioventricular nodal reentry tachycardia (AVNRT) aims at ablation between the tricuspid valve annulus and the coronary sinus ostium (CSOS) which is capable of disconnecting the circuit. We compared data from Group A (n=20) receiving treatment by an anatomical approach (April 2008-May 2010) with the data from Group B (n=11) receiving electrification between the tricuspid valve annulus and CSOS after June 2010. There was no significant difference between the two groups in session duration (A, 101.5 min; B, 110 min; P=0.52) or frequency of electrification (A, 4.65 times; B, 3.0 times; P=0.021). In Group A, junctional rhythm appearance during electrification was taken to indicate treatment success. In Group B, the electrification site was far from the His bundle and tachycardia ceased while junctional rhythms seldom appeared. In usual AVNRT, electrification can be applied between the tricuspid valve annulus and CSOS at a site far from the His bundle. This is not inferior to conventional techniques in terms of either session duration or the frequency of electrification needed. This technique appears to be a useful means of reducing the surgeon’s stress during treatment of usual AVNRT.

**Keywords:** AVNRT, ablation, method