

## THE TACHYARRHYTHMIAS IN 207 CASES WITH PREEXCITATION SYNDROME

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The tachyarrhythmias of 207 cases with preexcitation syndrome were studied electrophysiologically using the technique of transesophageal atrial pacing with simultaneous multichannel recording. Tachyarrhythmias were detected in 171 cases (82.6%). Of which 80.4% was atrioventricular reciprocating tachycardia (AVRT), 13.1% atrial fibrillation, and the remaining 6.5% miscellaneous. AVRT constituted 56.5% of supraventricular tachycardia (SVT) detected in the same period, which is much more common than atrioventricular nodal reentrant tachycardia, the latter only constituted 24.4% of SVT in our Lab. AVRT using a left-sided concealed accessory pathway constituted 27.9% of the total SVT, and 39.1% of the SVT among patients without ventricular preexcitation, both were in the first place of prevalence. These findings suggest that there may be some difference in the constitution of SVT between the Chinese and the western people, and such difference would indicate that radiofrequency ablation may have a more important role in the treatment of tachycardias occurred in preexcitation patients in China.

**Key words** preexcitation syndrome; arrhythmia; transesophageal atrial pacing; electrophysiology

• 新成果 •

## 青光眼视功能损害与血液流变学、眼血流图及 其它诸影响因素的相互关系研究

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本成果将青光眼视功能损害的临床研究与血液流变学及其影响诸因素、眼血流图、微量元素和化学变化等研究, 青光眼视功能损害的研究从偏重于形态和功能方面推进到微观的细胞和分子水平。首次明确提出原发性开角型青光眼隶属于高粘滞血症的新概念, 以及原发性开角型青光眼患者可能存在的血液粘滞性调节机制的失衡及其表现, 深化了对原发性开角型青光眼发病机理与视功能损害发生和发展的认识, 为青光眼及其视功能损害的防治提出了新的理论依据。为今后对本病的防治研究开拓了新的领域。该成果由眼科医院葛坚副教授等人完成, 于1992年获国家教委科技进步奖三等奖。

(陈丽芳)