

# WORLD HEART RHYTHM CONFERENCE

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## Ajmalin is a drug of choice in paroxysmal tachycardia

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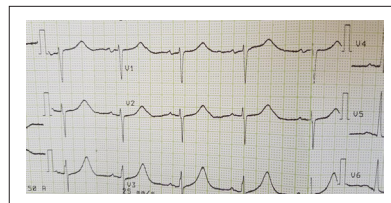
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**Introduction:** Ajmalin is a class Ia antiarrhythmic agent that blocks the sodium ion channels. This agent is mainly used in detecting Brugada syndrome, but also it has effects on prolonging the action potentials and provoking the lengthening of the QT interval. The final result is in the slowing of the heart beat.

**Material and Methods:** This case report showing paroxysmal supraventricular tachycardia in a 55y/o male patient who suffered from myocardial infarction one month ago. The patient received i.v. and oral beta blockers, Ca-channel antagonists, Propafenon, Amiodarone, Xylocain, sotalolol, 2grams of Magnesium i.v. There was no efficiency, except the minimum one with magnesium that slowed the heart rate from 160 per minute to 130/min.

**Result:** ECG after i.v. bolus of 50mg/10ml of ajmalin.

**Conclusion:** This is the great example of our experience with ajmalin in a treatment of paroxysmal tachycardia. We have been using ajmalin with a great efficiency for more than 25 years or so. We recommend to all practitioners to consider using this very efficient antiarrhythmic drug.



## Biography

Sekib Sokolovac is the Head of the Governmental Organization in Bosnia and Herzegovina. He is graduated from Medical Faculty Sarajevo in 1983. He is awarded as the specialist in Internal Medicine in 1994. He has done Master of Science in 1998. He was awarded PhD in 2004. Mr.Sokolovac is a fellow of University California Irvine, Oxford, AKH Vienna. He is specialist in both Cardiology and Rheumatology. He had started working in University Clinical Center Sarajevo from 1990 in the Department of Cardiology. He is the Director of Excellence Center for Arterial Hypertension. Vice-President of the Association of Cardiologists of Bosnia and Herzegovina, ESC Nucleus Member of Working Group on Pulmonary Circulation and Right Heart, President of the Working Group on Arterial Hypertension of UKBiH and He served as the Editorial Board Member of Rheumatology International Journal, European Journal of Rheumatology, Mediterranean Journal of Rheumatology. He had published many papers and books. He also have done many research projects in his field.

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