

# MEDICAL EDUCATION ADVANCED ECG READING FOR IMPLANTING PHYSICIANS

CEMA HCP  
EDUCATION  
& RELATIONS,  
CRM & CAS  
WEBINAR SERIES

## ONLINE ZOOM WEBINARS

### "ADVANCED ECG READINGS FOR IMPLANTING PHYSICIANS"

#### GOAL OF THE TRAINING PROGRAM

To provide participants with advanced knowledge about ECG interpretation in patients with cardiac arrhythmias. This course supports the participant's preparation for the successful attendance of the online Medtronic Wellens & Josephson ECG Course on Medtronic Academy Web Portal

#### TARGET AUDIENCE

Cardiologists with the relevant fundamental knowledge of ECG interpretation in arrhythmic patients

#### FACULTY

**Goran Milasinovic, M.D., Ph.D.,**

**Professor of Medicine**

Director of Pacemaker Centre, University Clinical Center Belgrade, Serbia

**Haran Burri, M.D., Ph.D., FESC, Professor**

Director of the device program, Department of Cardiology, University Hospital of Geneva, Switzerland, Treasurer of EHRA

**Jan Steffel, M.D., Ph.D., Professor**

Vice Chairman, Dept of Cardiology; Senior Consultant Electrophysiology and Devices, Zurich University, Switzerland; Chairman of the Education Committee of EHRA

**Marek Jastrzebski, M.D., Ph.D.,**

**Professor of Medicine**

Associate Professor, University Hospital Krakow, Poland

#### LEARNING OBJECTIVES (PROGRAM IN ENGLISH)

1. Learn how to interpretate correctly ECG tracings in brady and tachyarrhythmia patients
2. Learn how to perform differential diagnostics for wide QRS tachycardia
3. Learn how to analyze ECG in HBP and CRT implanted patient
4. Learn how to identify Medtronic pacemaker algorithms functioning on ECG tracings
5. Get knowledge about principles of analysis of implanted device tracings

**Sime Manola, M.D., Ph.D.**

Assistant Professor, Consultant Cardiology; Head of Department of Arrhythmia and Post-coronary care Cardiology Clinic, University Hospital Center Sestre milosrdnice; Zagreb, Croatia

**Nikola Pavlović MD, PhD, FESC, FEHRA**

Consultant Cardiologist/Electrophysiologist, Head of Electrophysiology Lab, Department for Cardiovascular Medicine, University Hospital Center Sestre milosrdnice, Zagreb, Croatia

**Goran Milasinovic, M.D., Ph.D.,**

**Professor of Medicine**

Director of Pacemaker Centre, University Clinical Center Belgrade, Serbia

**Pawel Moskal, M.D., Ph.D.**

University Hospital, Jagiellonian University, Krakow Poland

#### MEDTRONIC TRAINERS/MODERATORS

**Yanis Dumpis, M.D., Ph.D.**

HCP Education & Relations Leader CRM & CDS, Central & Eastern Europe, Centra Asia, Middle East and Africa (CEMA)

**Stefan Karczarewicz, M.D., Ph.D.**

Principal HCP E&R Specialist CRM & CDS, Central & Eastern Europe

**Dr. Sci. Bozidar Ferek Petric, Ph.D.**

Principal HCP E&R Specialist CRM & CDS, Central & Eastern Europe

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## AGENDA

Duration Time	Topic	Venue	Speaker
October 06, 2021 15:30 CET (90 min)	<b>Webinar 1 - ECG:</b> - Sinus node disease - AV node and His-Purkinje system disturbances - Right and left atrial enlargement, ventricular hypertrophy. - Recognize ECG changes that could indicate drug effect or electrolyte imbalances - Tips&Tricks: how to diagnose level of AV block, Phase 3 and 4 of AVB	Virtual Class	Goran Milasinovic
October 20, 2021 15:30 CET (90 min)	<b>Webinar 2 - SVT – ECG characteristics</b> - Differential diagnosis of SVT – insight from EP studies - ECG localization of accessory pathways + topic diagnostic algorithm - Atrial tachycardia – how to localize the origin based on 12 lead ECG - Atrial macro-reentry – origination of the tachy by ECG	Virtual Class	Shime Manola Nikola Pavlovic
November 03, 2021 15:30 CET (90 min)	<b>Webinar 3 - QRS tachycardia and topic VT diagnostics</b> - Differential diagnosis and ECG localization of VT focus/re-entry	Virtual Class	Marek Jastrzebski
November 24, 2021 15:30 CET (90 min)	<b>Webinar 4 - Differential diagnostics of the tachycardia, Practical workshop (interactive quiz – case based only)</b> 5 ECG of the supraventricular tachycardia and WPW syndrome 5 ECG of wide QRS tachycardia	Virtual Class	Marek Jastrzebski Manola Milasinovic
December 01, 2021 15:30 CET (90 min)	<b>Webinar 5 - ECG in His Bundle Pacing</b> - Basic principles of the ECG interpretation in HBP and LBBB pacing - Intraoperative ECG assessment of the site of pacing - Tips and tricks of HBP paced ECG in FU period	Virtual Class	Marek Jastrzebski Pavel Moskal
December 15, 2021 15:30 CET (90 min)	<b>Webinar 6 – ECG in CRT:</b> - LBBB: classification, definitions, types, influence on a pts selection - how to diagnose ventricular pacing site - latency in LV pacing and its role in the effectiveness of the BiVPacing - AdaptivCRT algorithm on the ECG and its ECG features	Virtual Class	Haran Burri
January 19, 2021 15:30 CET (90 min)	<b>Webinar 7 – ECG and EGM reading in device troubleshooting</b> Basic ECG and EGM tracings from implanted devices.	Virtual Class	Stefan Karczmarewicz Yanis Dumpis
February 03, 2022 15:30 CET (90 min)	<b>Webinar 7 – ECG and EGM reading in device troubleshooting</b> Advanced ECG and EGM tracings from Medtronic implanted devices. Principles of device troubleshooting using ECG findings	Virtual Class	Jan Steffel
February 16, 2022 15:30 CET (90 min)	<b>Webinar 9 - Paced ECG: how to diagnose MDT algorithm works on ECG</b> - MVP version 1.0 and 2.0 (ECG features) - Reactive ATP: principles of utilization and programming - AF prevention algorithms ECG features - Troubleshooting of the lead issues – ECG diagnosis	Virtual Class	Stefan Karczmarewicz Bozidar Ferek

Language: English

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