



ONLINE EHRA Advanced EP exam preparatory course for allied professionals

1 – 3 September 2022

Course directors:

Associate Professor Dr. Arian Sultan (DE)

Doctor Julia Vogler (DE)

Thursday, 1 September

Day 1 - General concepts: Supraventricular tachycardia

Speakers: Arian Sultan, Julia Vogler, Stefano Bordignon		
17:00 -17:05	<i>Arian Sultan and Julia Vogler: Welcome and introduction</i>	5 min
17:05 - 17:25	<i>Arian Sultan: Concept EP Procedure, Lab Setting, 3D Mapping, Sedation</i>	20 min
17:25-17:45	<i>Julia Vogler: Cardiac anatomy and physiology</i>	20 min
17:45 - 18:05	<i>Stefano Bordignon: Biophysics of ablation: RF, Cryo, Laser, PFA</i>	20 min
18:05 - 18:20	Break	15 min
18:20 - 18:50	<i>Stefano Bordignon: SVT: Diagnostic, AVNRT, AVRT; Pacing and Entrainment Maneuver</i>	30 min
18:50 - 19:10	<i>Arian Sultan: Atrial flutter: Mapping, Entrainment, Ablation</i>	20 min
19:10 - 19:20	Break	10 min
19:20-19:50	<i>Arian Sultan, Julia Vogler and Stefano Bordignon: Interactive supraventricular Tachycardia Tracings and ECG Quiz</i>	30 min
19:50 - 19:55	<i>Arian Sultan and Julia Vogler: Recap and remaining questions Day1</i>	5 min



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Friday, 2 September
Day 2 - Atrial Fibrillation

Speakers: Daniel Steven, Arian Sultan, Julia Vogler Roland Tilz, Stefano Bordignon

17:00 - 17:20	<i>Daniel Steven:</i> Atrial fibrillation - stroke and stroke prevention drugs	20 min
17:20 - 17:40	<i>Daniel Steven:</i> Current AF Guidelines - What you should know	20 min
17:40 - 17:50	<i>Arian Sultan:</i> Basic brady arrhythmia management (PM)	10 min
17:50 - 18:05	<i>Julia Vogler:</i> Basic pacemaker und ICD interrogation and programming	15 min
18:05 - 18:20	Break	15 min
18:20 - 18:50	<i>Roland Tilz:</i> "AF Mapping", PV gap detection, Redo Procedure, Ablation concepts (e.g. linear, defragmentation, alternative mapping)	30 min
18:50 - 19:00	Interactive discussion	10 min
19:00 - 19:10	Break	10 min
19:10 - 19:30	<i>Stefano Bordignon:</i> Mapping of atrial tachycardia	20 min
19:30 - 19:45	<i>Julia Vogler:</i> Complications and emergency management	15 min
19:45 - 19:55	All speakers; Recap and remaining questions Day 1+2	10 min



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Saturday, 3 September

Day 3 - Ventricular Tachycardia

Speakers: Micaela Ebert, Julia Vogler, Arian Sultan

9:00 - 9:30	<i>Micaela Ebert:</i> 5 hereditary cardiomyopathies I should know of (Genetics, ECG, Phenotype)	30 min
9:30 - 10:00	<i>Julia Vogler:</i> ICD Indication, SCD, syncope, CIED Implantation, Interference	30 min
10:00 - 10:15	Interactive discussion	15 min
10:15 - 10:25	Break	10 min
10:25 - 10:45	<i>Arian Sultan:</i> “VT Mapping”; Mechanisms of VT, Entrainment, Mapping techniques, VT vs. SVT	20 min
10:45 - 10:55	Arian Sultan und Julia Vogler: Recap and remaining questions; Conclusion and Send off	10 min