



ONLINE EHRA Advanced EP exam preparatory course for allied professionals

1 – 3 September 2022

Course directors:

Associate Professor Arian Sultan (DE)

Doctor Julia Vogler (DE)

Thursday, 1 September

Day 1 - General concepts: Supraventricular tachycardia

Speakers: Arian Sultan, Julia Vogler, Stefano Bordinon		
17:00 -17:05	<i>Arian Sultan and Julia Vogler:</i> Welcome and introduction	5 min
17:05 - 17:25	<i>Arian Sultan:</i> Concept EP Procedure, Lab Setting, 3D Mapping, Sedation	20 min
17:25-17:40	<i>Julia Vogler:</i> Cardiac anatomy and physiology	15 min
17:40 - 18:00	<i>Stefano Bordinon:</i> Biophysics of ablation: RF, Cryo, Laser, PFA	20 min
18:00 - 18:10	Break	10 min
18:10 - 18:40	<i>Stefano Bordinon:</i> SVT: Diagnostic, AVNRT, AVRT; Pacing and Entrainment Maneuver	30 min
18:40 - 19:00	<i>Arian Sultan:</i> Atrial flutter: Mapping, Entrainment, Ablation	20 min
19:00 - 19:15	Break	15 min
19:15-19:35	<i>Arian Sultan, Julia Vogler and Stefano Bordinon:</i> Interactive supraventricular Tachycardia Tracings and ECG Quiz	20 min
19:35 - 19:55	<i>Arian Sultan and Julia Vogler:</i> Q&A; Recap and remaining questions Day1	20 min



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Friday, 2 September

Day 2 - Atrial Fibrillation

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

17:00 - 17:20	<i>Daniel Steven: Atrial fibrillation - stroke and stroke prevention drugs</i>	20 min
17:20 - 17:40	<i>Daniel Steven: Current AF Guidelines - What you should know</i>	20 min
17:40 - 17:50	<i>Arian Sultan: Basic brady arrhythmia management (PM)</i>	10 min
17:50 - 18:00	<i>Julia Vogler: Basic pacemaker und ICD interrogation and programming</i>	10 min
18:00 - 18:15	Break	15 min
18:15 - 18:45	<i>Roland Tilz: "AF Mapping", PV gap detection, Redo Procedure, Ablation concepts (e.g. linear, defragmentation, alternative mapping)</i>	30 min
18:45 - 18:55	Interactive discussion	10 min
18:55 - 19:00	Break	5 min
19:00 - 19:20	<i>Stefano Bordinon: Mapping of atrial tachycardia</i>	20 min
19:20 - 19:35	Complications and emergency management	15 min
19:35 - 19:55	All speakers Q&A; Recap and remaining questions Day2	20 min



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Saturday, 3 September

Day 2 - Ventricular Tachycardia

Speakers: Arian Sultan, Julia Vogler, Micaela Ebert,

9:00 - 9:25	<i>Micaela Ebert:</i> 5 hereditary cardiomyopathies I should know of (Genetics, ECG, Phenotype)	25 min
9:25 - 9:55	<i>Julia Vogler:</i> ICD Indication, SCD, syncope, CIED Implantation, Interference	30 min
09:55 - 10:05	Interactive discussion	10 min
10:05 - 10:15	Break	10 min
10:15 - 10:35	<i>Arian Sultan:</i> “VT Mapping”; Mechanisms of VT, Entrainment, Mapping techniques, VT vs. SVT	20 min
10:35 - 10:45	Interactive discussion	10 min
10:45 - 10:55	Break	10 min
10:55 - 11:15	<i>Arian Sultan, Micaela Ebert and Julia Vogler:</i> Interactive ventricular tachycardia tracings	20 min
11:15 - 11:55	All speakers Q&A; Recap and remaining questions Day3; Conclusion and Send off	40 min