

Course on coronary physiology – From basic to clinical science

1 – 2 June 2023

Day 1: Comwell Det hvide hus, Aalborg

9:30 – 10:00	Arrival and registration
10:00 – 10:15	Introduction Associate professor Ashkan Eftekhari and Prof. & Executive Managing Director Christian Aalkjær, DCAcademy
	Session 1: Basic Hemodynamic concepts <i>Chair: Professor Nils Johnson, UTHealth Houston and Professor Thomas Engstrøm</i>
10:15 – 10:45	Flow, resistance and pressure – experimental and clinical evidence Professor Alun D. Hughes, University College of London
10:45 – 11:15	The microcirculation – from peripheral to coronary level Professor Ebbe Bødtkjer, Aarhus University
11:15– 12:15	Group discussion and cases
12:15 – 13:00	Lunch
	Session 2: Evaluation of the coronary circulation <i>Chair: Associate Professor Ashkan Eftekhari, Aalborg University and Professor Alun D. Hughes, University College London</i>
13:00 – 13:30	Coronary flow and pressure measurement – practical aspects Professor Nils Johnson, UTHealth Houston
13:30 – 14:00	Intracoronary imaging Associate Professor Evald Christiansen, Aarhus University
14:00 – 14:45	Group discussion and cases
14:45 – 15:15	Coffee and cake
	Session 3: New aspects of coronary physiology <i>Chair: Associate Professor Evald Christiansen and Professor Ebbe Bødtkjer</i>
15:15 – 15.35	Stress aortic valve index – “FFR” of the aortic valve Professor Nils Johnson, UTHealth Houston
15:35 – 15:55	Evaluation of stable coronary artery disease Professor Thomas Engstrøm, Rigshospitalet
15:55 – 16:15	Heart failure and ischemic heart disease Associate Professor Niels Thue Olsen, Gentofte Hospital
16:15 – 17:15	Hemodynamic quiz Professor Nils Johnson, UTHealth Houston
18:30 – 21:30	DCAcademy dinner & networking

This course is organized in collaboration with



Day 2: Comwell Det hvide hus, Aalborg

8:00 – 9:00	Breakfast
	Session 4: Coronary physiology in special situations <i>Chair: Professor Alun D. Hughes and Professor Nils Johnson</i>
9:00 – 9:45	Computed model Associate Professor Niels Thue Olsen, Gentofte Hospital
9:45 – 10:15	Acute coronary syndromes and coronary physiology Professor Thomas Engstrøm, Rigshospitalet
10:15 – 10:45	Aortic stenosis and coronary artery disease Associate Professor Ashkan Eftekhari, Aalborg University
10:45 – 11:30	Panel / group discussion
11:30 – 11:40	Final remarks
12:00	Lunch and departure

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