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Cardiac Biomarkers in Real Time – experiences and opportunities

Thursday 26 - Friday 27 September 2024
Hilton Glasgow (William Street)



Programme

Thursday 26 September 2024

08:30 – 12:00	IFCC meeting	<i>Invited participants only Hosted by Kristin Moberg Aakre</i>
10.30 – 11.00	<i>Registration/coffee</i>	
11.00-12.00	UK NEQAS CM participants discussion	<i>EQA invited participants only</i>
11:30-13:00	<i>Registration & Lunch</i>	
13:00-13:10	Introduction	Naomi Elkin (Glasgow, UK)
Session 1: Single sample rule out		
Chair Fred Apple (Minneapolis, USA)		
13:10-13:30	How is it working in emergency care?	Rick Body (Manchester, UK)
13:30-13:50	What does it mean to the cardiologist?	Nick Mills (Edinburgh, UK)
13:50-14:20	What does it mean to the laboratory?	Paul Collinson (London, UK)
14:20-14:40	Panel Discussion	
14:40-15:10	<i>Break/Posters</i>	
Session 2: 0-1, 0-2, 0-3 Rapid diagnostic protocols in the real world		
Chair Paul Collinson (London, UK)		
15:10-15:30	ESC - The Liverpool Experience	Aleem Khand (Liverpool, UK)
15:30-15:50	HighSTEACS - Effectiveness and safety of implementing risk stratification with high-sensitivity cardiac troponin in the Emergency Department	Cass Li (Edinburgh, UK)
15:50-16:10	Experience with High Sensitivity Cardiac Troponin in the Third World	Allan Jaffe (Rochester, USA)
16:10-16:30	Risk scores or robots	Raphael Twerenbold (Hamburg, Germany)
16:30-16:40	Panel Discussion	
16:40-17:10	<i>Break/Posters</i>	
Session 3: And the answer is POC?		
Chair Ellie Dow (Dundee, UK) + Rob Christenson (Baltimore, USA)		
17:10-17:35	Does it do what it says on the tin – overview of system performance	Kristin Moberg Aakre (Bergen, Norway)
17:35-18:00	POC hs-cTnI - Clinical Evidence for Safe Early Rule Out	Fred Apple (Minneapolis, USA)
18:00-18:30	POC for the ED doc	Martin Than (New Zealand)
18:30-19:15	<i>Break & Informal discussion</i>	
19:15-20:00	<i>Drinks & informal poster session</i>	
20:00	<i>Conference dinner</i>	

Friday 27 September 2024

Session 4: Chronic disease management – natriuretic peptides		
Chair Catherine Ross (Edinburgh, UK)		
08:30-08:55	Big hearts: a case for sex-specific and age-specific cardiac biomarker reference ranges	Bill McEvoy (Galway, Ireland)
08:55-09:20	Natriuretic peptides – the state of the art	Rob Christenson (Baltimore, USA)
09:20-09:45	Machine learning in acute heart failure	Ken Lee (Edinburgh, UK)
09:45-10:00	Break	
10:00-10:50	Moderated poster session <i>Selected 5 minute poster presentations alongside posters</i>	
Session 5: Chronic disease management – troponin		
Chair Kristin Moberg Aakre (Bergen, Norway)		
10:50-11:15	Troponin for chronic disease – role of fragments	Saara Wittfooth (Turku, Finland)
11:15-11:40	Troponin standardisation – necessity or mirage	Rob Christenson (Baltimore, USA)
11:40-12:20	<i>Exhibition /collect lunch</i>	
12:20-13:30	<i>Lunch & breakouts</i> Breakout Topics: Case-based discussions 1/ POC - How would you implement POC in the ED? Facilitator Richard Body 2/ Analytical validation of a low-end high sensitivity troponin for early rule out Facilitator Rob Christenson 3/ Biomarkers of chronic disease and sex Facilitator Fred Apple	
Session 6: Cardiac biomarkers days of future passed		
Chair Nick Mills (Edinburgh, UK)		
13:30-13:50	Panel discussion / summary breakouts	
13:50-14:20	Personalised medicine and cardiac biomarkers – Voices from yesterday, today, and tomorrow	Fred Apple (Minneapolis, USA)
14:20-14:45	The cardiac biomarker future? <i>Panel discussion</i>	Panel (TBC) Allan Jaffe , Paul Collinson , Raphael Twerenbold , Kristin Moberg Aakre
14:45-15:00	Summary and close Presentation of poster prizes	Alan Reid