

Update on Cardiac Arrest Rome, December 16-19, 2018

Sunday, December 16, 2018

17:00	<i>Registration</i>
18:00	Welcome to Rome M Antonelli (Rome, Italy)
18:10	What are the relevant questions? J-L Vincent (Brussels, Belgium)
18:30	History of CPR C Callaway (Pittsburgh, USA)
18:50	We should optimize CPR metrics L Morrison (Toronto, Canada)
19:10	Outcomes after cardiac arrest J Nolan (Bath, UK)
19:30	<i>Discussion</i> The entire faculty
19:45	<i>End</i>

Monday, December 17, 2018

Session 1: Global outcomes

08:30	Asystole vs PEA: any major differences? H Friberg (Lund, Sweden)
08:45	In- and out-of-hospital cardiac arrest: any major differences? J-C Richard (Annecy, France)
09:00	Does etiology matter? L Morrison (Toronto, Canada)
09:15	Rapid response systems to prevent in-hospital cardiac arrest: are they really effective? C Sandroni (Rome, Italy)
09:30	<i>Discussion</i>

Session 2: Physiologic bases

09:45	Cardiac perfusion C Callaway (Pittsburgh, USA)
10:00	Respiratory system behavior J-C Richard (Annecy, France)
10:15	Brain perfusion FS Taccone (Brussels, Belgium)
10:30	<i>Discussion</i>
10:45	Break

Session 3: Optimal CPR

11:05	Airway management J Nolan (Bath, UK)
11:20	Respiratory management J-C Richard (Annecy, France)
11:35	A new look at cardiac massage C Callaway (Pittsburgh, USA)
11:50	<i>Discussion</i>
12:05	Still a place for epinephrine? L Morrison (Toronto, Canada)

12:20 | **A place for antiarrhythmic agents?**
C Callaway (Pittsburgh, USA)

12:35 | **Round table discussion**
The entire faculty

13:00 | ***Lunch***

Session 4: Stopping CPR

13:45 | **Refractory cardiac arrest: when is CPR hopeless?**
C Sandroni (Rome, Italy)

14:00 | **A new look at etCO₂**
J-C Richard (Annecy, France)

14:15 | **How to predict defibrillation success/failure**
C Callaway (Pittsburgh, USA)

14:30 | **When to stop and whom to transport to the hospital?**
H Friberg (Lund, Sweden)

14:45 | ***Discussion***

15:00 | ***Break***

Session 5: eCPR

15:30 | **When and for whom?**
FS Taccone (Brussels, Belgium)

15:45 | **An experience of more than 200 cases**
D Dürschmied (Freiburg, Germany)

16:00 | **Use and abuse**
J Creteur (Brussels, Belgium)

16:15 | ***Discussion***

Round table discussion

16:30 | **When and where to transport the patient?**
The faculty

17:00 | **End of the day**

Tuesday, December 18, 2018

Session 6: After recovery

08:30	What are the priorities in the emergency department? C Callaway (Pittsburgh, USA)
08:45	Coronary angiogram for everyone? LC Napp (Hannover, Germany)
09:00	TTM for everyone? J Nolan (Bath, UK)
09:15	<i>Discussion</i>
09:25	What is the optimal temperature? H Friberg (Lund, Sweden)
09:40	How to control temperature? FS Taccone (Brussels, Belgium)
09:55	How to manage sedation D Dürschmied (Freiburg, Germany)
10:10	<i>Discussion</i>
10:25	<i>Break</i>
10:50	How to ventilate? M Oddo (Lausanne, Switzerland)
11:05	How much oxygen? J Creteur (Brussels, Belgium)
11:20	What are the hemodynamic targets? FS Taccone (Brussels, Belgium)
11:35	A place for cytokine removal? LC Napp (Hannover, Germany)
11:50	Round table discussion The entire faculty
12:15	<i>Lunch</i>

Session 7: Neurological outcomes

13:15	Persisting seizures/myoclonia C Sandroni (Rome, Italy)
13:30	EEG and SSEP H Friberg (Lund, Sweden)
13:45	Can a brain CT scan help? C Callaway (Pittsburgh, USA)
14:00	<i>Discussion</i>
14:14	Biomarkers H Friberg (Lund, Sweden)
14:30	Some patients wake up really late M Oddo (Lausanne, Switzerland)
14:45	How to put everything together? FS Taccone (Brussels, Belgium)
15:00	<i>Discussion</i>
15:15	<i>Break</i>
15:35	The situation is hopeless: what shall we do now? J Creteur (Brussels, Belgium)
15:50	Functional and psychological outcomes in survivors C Callaway (Pittsburgh, USA)
16:05	<i>Discussion</i>
16:15	Round table discussion: Multimodal prognostication - when to stop our efforts The entire faculty

Final comments:

16:40	What I learned today The entire faculty
17:00	End of the day

Wednesday, December 19, 2018

08:30	Outcomes in clinical trials L Morrison (Toronto, Canada)
09:00	Case discussion 1 – prolonged CPR
09:45	Case discussion 2 – when (not) to start eCPR
10:30	Case discussion 3 – postanoxic brain damage
11:15	Future research J Nolan (Bath, UK)
11:45	General discussion – plans for publication The entire faculty
12:30	End of the day

End of the meeting