Pre-congress Course Director Day

08:30 - 09:00  Registration & get together

Course Director Day

Chair: Robert Tino Greif  Room 1  09:00 - 10:10

Welcome

Life Long Learning
Patrick Van de Voorde  (Belgium)
Francesc Carmona  (Spain)
Nicolas Mpotos  (Belgium)

Equipment undermining teaching
John Madar  (United Kingdom)
Federico Semeraro  (Italy)

CAS Test in Teams - developing our course
Carsten Lott  (Germany)
Andy Lockey  (United Kingdom)
Ferenc Sari  (Sweden)

QM - post course surveys - what does the ERC need?
What does the NCD or NRC need? - time for changes?
Patricia Conaghan  (United Kingdom)
Uwe Kreimeier  (Germany)
Martijn Maas  (The Netherlands)

10:10 - 11:40  Coffee break

Course Director Day - Break outs  10:40 - 12:30

BLS
PLS
NLS
ILS & ALS
GIC

Plenary session - Summary report & Closure

Thursday September 19

08:30 - 09:00  Registration & get together

09:00 - 10:00  Welcome

10:00 - 12:00  Break outs

10:00 - 11:40  Coffee break
Thursday September 19

ERC International programme

Opening session
Chairs: Jerry Nolan & Jasmeet Soar  Room 1  13:00 - 14:15

Welcome by ERC
Jasmeet Soar & Jerry Nolan  (United Kingdom)

Welcome by Slovenian Resuscitation Council
Primoz Gradisek  (Slovenia)

Safar memorial lecture
Bernd Böttiger (Germany)

Controversies unplugged I
Chairs: Joyce Yeung & Ian Maconochie  Room 3  15:00 - 16:15

What's basic about BLS?
Theresa M. Olasveengen  (Norway)

Does ALS save lives?
Lars W. Andersen  (Denmark)

Why are kids different?
Robert Berg  (USA)

What can we learn from babies?
James Tooley  (United Kingdom)

Discussion

ERC Educator Session
Chairs: Robert Tino Greif & Patricia Conaghan  Room 3  15:00 - 16:15

EPBLS Course
Recert. Room 15:00 - 18:00

Instructors:
Patrick Van de Voorde, Monika Grünfeld, TBD,
TBD, TBD

Register beforehand via CoSy.

Resuscitation Competition 1
Resuscitation platform  15:00 - 16:15

Chairs: Robin Davies & Ferenc Sari

First round of the competition
Judges: TBD

15:00-15:30 Team 1
15:45-16:15 Team 2

14:15 - 15:00  Coffee break
**Controversies unplugged II**

**Chairs:** Koen Monsieurs & Monika Grünfeld  
*Room 1  16:15 - 17:30*

**How should we train?**  
*Sandra Viggers (Denmark)*

**Social media has a role in education**  
*Simon Carley (United Kingdom)*

**Ethical challenges of resuscitation**  
*Spyros Mentzelopoulos (Greece)*

**Which outcomes matter?**  
*Kirstie Haywood (United Kingdom)*

**Discussion**

**Resuscitation Competition 2**  
*Resuscitation platform  16:15 - 17:30*

**Chairs:** Robin Davies & Ferenc Sari

**First round of the competition**

**Judges:**  
*TBD*

16:15-16:45 Team 3

17:00-17:30 Team 4

**Get-together**

**Location:**  
Starts at 18h (ends around 22h)

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**ALS & ILS Recertification Courses**

**ALS & ILS Recertification Course 1**  
*Recert. room  08:00 - 10:00*

**Instructors:**  
*Carsten Lott, Joachim Schlieber, Francesc Carmona, Monika Grünfeld, Mahmoud Tageldin Mustafa Mohamed, Marko Zelinka, Jelena Vilman, Petra Kaplan & Katja Kalan Uštar*

**ALS & ILS Recertification Course 2**  
*Recert. room  11:00 - 13:00*

**Instructors:**  
*Carsten Lott, Joachim Schlieber, Francesc Carmona, Monika Grünfeld, Mahmoud Tageldin Mustafa Mohamed, Marko Zelinka, Jelena Vilman, Petra Kaplan & Katja Kalan Uštar*

**Workshop 1: Right line, Right now: Emergency Vascular Access Workshop**  
*Workshop room  08:00-12:30*

**Instructors:**  
*Carsten Lott, Joachim Schlieber, Francesc Carmona, Monika Grünfeld, Mahmoud Tageldin Mustafa Mohamed, Marko Zelinka, Jelena Vilman, Petra Kaplan & Katja Kalan Uštar*

Book your seat at the ERC booth.
BLS controversies

Chairs: Theresa M. Olasveengen & Dušan Vlahović  Room_1  08:30 - 09:45

The best way to dispatch?
Janet Bray (Australia)

The best BLS ventilation strategy
Ruud Koster (The Netherlands)

Choking - anything new?
Gavin Perkins (United Kingdom)

Recovery position revisited
Tony Handley (United Kingdom)

Discussion

ESICM - Joint session

Chairs: Tobias Cronberg & Alain Cariou  Room_2  08:30 - 09:45

What are the optimal oxygen and CO₂ targets?
Markus Skrifvars (Finland)

What is the optimal blood pressure target?
Cornelia Genbrugge (Belgium)

TTM - Where are we now?
Hans Friberg (Sweden)

The role of the cath lab?
Marko Noč (Slovenia)

Discussion

National Resuscitation Councils meeting

Chairs: Diana Cimpoesu & Nicolas Mpotos  Room_3  08:30 - 09:45

Meeting for NRC representatives.
By invitation only.

Resuscitation Competition 3

Chairs: Ferenc Sari & Robin Davies  Resuscitation Platform  08:30 - 09:45

Judges:
TBD

08:30-09:00 Team 5
09:15-09:45 Team 6

09:45 - 10:30  Coffee break
<table>
<thead>
<tr>
<th>Best of the Best Resuscitation science abstracts</th>
<th>Room 1 10:30 - 11:45</th>
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<tbody>
<tr>
<td>Chairs: Theresa M. Olasveengen &amp; Jerry Nolan</td>
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<tr>
<td>Judges: Gavin Perkins, Anne Lippert,</td>
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<td>Robert Berg &amp; Maaret Castrén</td>
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- **BoB1**: TBD
- **BoB2**: TBD
- **BoB3**: TBD
- **BoB4**: TBD
- **BoB5**: TBD

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<tr>
<th>Free paper session 1</th>
<th>Room 2 10:30 - 11:45</th>
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<td>Chairs: Peter Radsel &amp; Adelina Pereira</td>
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- AS001
- AS002
- AS003
- AS004
- AS005
- AS006
- AS007
- AS008
- AS009
- AS010
Free paper session 2
Chairs: Violetta Raffay & Michael Baubin

AS011
AS012
AS013
AS014
AS015
AS016
AS017
AS018
AS019
AS020

Paediatrics
Chairs: Patrick Van de Voorde & Anne Lippert

Outcomes for paediatric cardiac arrest
Lars W. Andersen (Denmark)

Preventing paediatric cardiac arrest
Sophie Skellett (United Kingdom)

Physiological targets during CPR in children
Robert Berg (USA)

Prognostication in children
Barney Scholefield (United Kingdom)

Discussion

Special circumstances
Chairs: Freddy Lippert & Anatolij Truhlář

Cold
Peter Paal (Austria)

Drowning
Gavin Perkins (United Kingdom)

Trauma
Charles Deakin (United Kingdom)

Mass casualties
Mark Sabbe (Belgium)

Discussion
Topic updates and discussion
Chairs: Nikolaos Nikolaou & Andrej Markota  Room 3  11:45 - 13:00  
Capnography  
Claudio Sandroni (Italy)  
ECPR  
Justyna Swol (Germany)  
Discussion

Resuscitation Competition 4
Resuscitation Platform  11:45 - 13:00  
Chairs: Ferenc Sari & Robin Davies
Judges:
TBD
11:45-12:15 Team 7
12:30-13:00 Team 8

13:00 - 14:15 Lunch
13:20 - 14:15 Poster tours in Poster area
<table>
<thead>
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<td>Chairs: Ruud Koster</td>
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<td>Chairs: Janusz Andres</td>
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<td>Chairs: Souhail Alouini</td>
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</table>
ALS: What works?

Chairs: Jasmeet Soar & Therese Djärv  

Room_1  14:15 - 15:30

Airways
Jerry Nolan  (United Kingdom)

Drugs
Charles Deakin  (United Kingdom)

IV or IO access
Peter Kudenchuk  (USA)

ECPR
Justyna Swol  (Germany)

Discussion

Neonates: What’s new?

Chairs: Jørgen Erland Linde & Jonathan Wyllie  

Room_2  14:15 - 15:30

Science
James Tooley  (United Kingdom)

Education
John Madar  (United Kingdom)

Oxygen
Jonathan Wyllie  (United Kingdom)

Low resource settings
Jørgen Erland Linde  (Norway)

Discussion

How to share your ideas?

Chairs: Andy Lockey & Gregor Prosen  

Room_3  14:15 - 15:30

Peer reviewed journals
Ian Maconochie  (United Kingdom)

Blogs and social media
Simon Carley  (United Kingdom)

Lectures
Sandra Viggers  (Denmark)

Discussion
Resuscitation Competition 5

Resuscitation Platform 14:15 - 15:30

Chairs: Ferenc Sari & Robin Davies

Judges:
TBD

14:15-14:45 Team 9
15:00-15:30 Team 10

Workshop 2: VR-CPR

Instructors: Federico Semeraro, TBD & TBD

Workshop room 14:15 - 15:45

Book your seat at the ERC booth.

Workshop 3: ECMO-eCPR Simulation

Instructors: Tomaz Goslar, TBD & TBD

Sim Center (off-site) 14:15 - 15:45

At a different location (2km distance):
University Medical Center Ljubljana Simulation Center.
Transport will be arranged between congress venue and workshop location.

Book your seat at ERC booth.

Friday September 20

15:30 - 16:15 Coffee break

EPALS Recertification course

Recert. room 15:45 - 17:45

Register beforehand via CoSy.

Instructors:
Patrick Van de Voorde, Monika Grünfeld, TBD, TBD

Education to save lives

Chairs: Andy Lockey & Sandra Viggers

Room_1 16:15 - 17:30

A little and often is best
Pro: Patricia Conaghan (United Kingdom)
Con: Robert Tino Greif (Switzerland)

Learners can teach themselves
Pro: Joyce Yeung (United Kingdom)
Con: Anne Lippert (Denmark)

Summing up
Andy Lockey (United Kingdom)
Sandra Viggers (Denmark)
Epidemiology and Outcomes

Out of Hospital cardiac arrest
Siobhán Masterson (Ireland)

In hospital cardiac arrest
Therese Djärv (Sweden)

Short term outcomes are useful
Jasmeet Soar (United Kingdom)

Long term outcomes are best
Kirstie Haywood (United Kingdom)

Discussion

ERC Research-NET

Chair: Bernd Böttiger

Resuscitation Competition 6

Chairs: Ferenc Sari & Robin Davies

Judges: TBD

16:15-16:45 Team 11
17:00-17:30 Team 12

Workshop 4: VR-CPR

Instructors: Federico Semeraro, TBD & TBD

Workshop room 16:15 - 17:45

Book your seat at the ERC booth.

Workshop 5: ECMO-eCPR Simulation

Instructors: Tomaz Goslar, TBD & TBD

Sim Center (off-site) 16:15 - 17:45

At a different location (2km distance):
University Medical Center Ljubljana Simulation Center.
Transport will be arranged between congress venue and workshop location.

Book your seat at ERC booth.
Ethical challenges
Chairs: Leo Bossaert & Spyros Mentzelopoulos  Room 1  08:30 - 09:45

Real life challenges
Mark Sabbe (Belgium)

Should we be resuscitating the frail?
Therese Djärv (Sweden)

Dealing with challenges - Panel discussion
Mark Sabbe (Belgium)
Therese Djärv (Sweden)
Alain Cariou (France)
Barney Scholefield (United Kingdom)
Robert Berg (USA)
John Madar (United Kingdom)

---

Post resuscitation coma: Will this patient wake up?
Chairs: Peter Radsel & Cornelia Genbrugge  Room 2  08:30 - 09:45

Pupils: What’s new?
Hans Friberg (Sweden)

Biomarkers
Claudio Sandroni (Italy)

Seizures
Tobias Cronberg (Sweden)

How long should we wait before treatment withdrawal?
Robert Neumar (USA)

Discussion

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EuReCa
Chairs: Jan-Thorsten Gräsner & Siobhán Masterson  Room 3  08:30 - 09:45

Impact in Europe
Ingvild Tjelmeland (Norway)

EureCa and global issues
Jan-Thorsten Gräsner (Germany)

EuReCa3?
Siobhán Masterson (Ireland)

Registry data for research
Lars W. Andersen (Denmark)

Discussion

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Resuscitation Competition 7
Chairs: Ferenc Sari & Robin Davies  Resuscitation Platform  08:30 - 09:45

Judges:
TBD

08:30-09:00 Team 13
09:15-09:45 Team 14

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Workshop 6: How to organise Refresher Seminars?
Instructors: Nikolaos Nikolaou & Robert Tino Greif  Workshop room  08:30 - 10:00

Book your seat at the ERC booth.
Young Investigator Competition

Chairs: Clare Morden & Robert Neumar
Judges: Peter Kudenchuk, Sandra Viggers, Simon Carley & Cornelia Genbrugge

YIC1
TBD

YIC2
TBD

YIC3
TBD

YIC4
TBD

YIC5
TBD
### Free paper session 4

**Chairs:** Anatolij Truhlář & Justyna Swol  
**Room:** 2  
**Time:** 10:30 - 11:45

- AS031
- AS032
- AS033
- AS034
- AS035
- AS036
- AS037
- AS038
- AS039
- AS040

### Free paper session 5

**Chairs:** Sophie Skellett & James Tooley  
**Room:** 3  
**Time:** 10:30 - 11:45

- AS041
- AS042
- AS043
- AS044
- AS045
- AS046
- AS047
- AS048
- AS049
- AS050
Saturday September 21

**Saving lives globally**

**Chairs:** Maaret Castrén & Koen Monsieurs  
**Room 1** 11:45 - 13:00

- ILCOR strategy  
  Robert Neumar (USA)

- Global Resuscitation Alliance  
  Freddy Lippert (Denmark)

- Restart a heart - past, present & future  
  Andy Lockey (United Kingdom)

- Saving mothers and babies  
  Tore Lærdal (Norway)

- Discussion

---

**Reanimation**

**Chairs:** Maaret Castrén & Koen Monsieurs  
**Room 2** 11:45 - 13:00

- Improving AED analysis  
  Ruud Koster (The Netherlands)

- Optimal AED placement  
  Carolina Malta Hansen (USA)

- Do double shocks work?  
  Charles Deakin (United Kingdom)

- How do we treat refractory VF?  
  Peter Kudenchuk (USA)

- Discussion

---

**Resuscitation Competition FINALS**

**Chair:** Ferenc Sari & Robin Davies  
**Resuscitation Platform** 11:45 - 13:00

**Judges:**  
Patrick Van de Voorde, TBD

- 11:45-12:05 Finalist 1
- 12:10-12:30 Finalist 2
- 12:40-13:00 Finalist 3

---

**Workshop 7: How to teach NTS?**

**Instructors:** Joachim Schlieber, Carsten Lott & Patricia Conaghan  
**Workshop room** 11:45 - 13:15

- Book your seat at the ERC booth.
### Saturday September 21

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>13:00 - 14:15</td>
<td>Lunch</td>
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<td>13:20 - 14:15</td>
<td>Poster tours in Poster area</td>
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### Poster tours

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<td>Chair: John Madar</td>
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<tr>
<td>Chair: Andrej Markota</td>
<td>Chairs: Joyce Yeung</td>
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<td>Chair: Mark Sabbe</td>
<td>Chairs: Peter Paal</td>
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<td>Chair: Diana Cimpoesu</td>
<td>Chairs: Jørgen Erland Linde</td>
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<td>Chair: Jacques Delchef</td>
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<tr>
<td>Chair: Ahmed Samir Abulnasr</td>
<td>Chairs: Ian Maconochie</td>
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<td>Chairs: Kirstie Haywood</td>
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<td>(AP)</td>
<td>Chairs: Ronald Melieste</td>
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Saturday September 21

Recent developments
Chairs: Jerry Nolan & Hildigunnur Svavarsdóttir  Room 1   14:15 - 15:30

EuReCa2
Jan-Thorsten Gräsner (Germany)

Organ donation after Cardiac Arrest
Gavin Perkins (United Kingdom)

Review of the Year
Koen Monsieurs (Belgium)

Discussion

Debates
Chairs: Robert Neumar & Marios Georgiou  Room 2   14:15 - 15:30

Early CT scanning in cardiac arrest patients
Pro: Alain Cariou (France)
Con: Nikolaos Nikolaou (Greece)

Termination of resuscitation rules
Pro: Maaret Castrén (Finland)
Con: Janet Bray (Australia)

Workshop 8: Feedback & Debriefing
Instructors: Robert Tino Greif & Patricia Conaghan  Workshop room   14:15 - 15:45

Book your seat at the ERC booth.
Saturday September 21

15:30 - 15:45  Coffee break

Closing session
Chair: Jerry Nolan

Room 1  15:45 - 17:00

Negovsky lecture
Marko Noč (Slovenia)

Presentation of Awards
Jerry Nolan (United Kingdom)

Resuscitation 2020
Jonathan Wyllie - President of the RC(UK)

Meeting close
Uwe Kreimeier (Germany)
Jerry Nolan (United Kingdom)