International collaboration of acute neonatal transport services

Improvement of quality and outcome of neonatal transports

Platform for collaborative research training and learning

Shared data on key performance indicators in neonatal transport/benchmarking

Standardization of ground and air transport
EXECUTIVE COMMITTEE

- Morten Breindahl
  Sweden

- Susan Broster
  United Kingdom

- William Cyr
  United States

- Neelam Gupta
  United Kingdom

- Boubou Hallberg
  Sweden

- Michael Meyer
  United States

- Luca Ramenghi
  Italy

- Stephanie Redpath
  Canada

- Michael Stewart
  Australia

- Marta Thio Lluch
  Australia

Interested in the full biosketch? Download MCA Events App! (Instructions on Page 15)
08:00 – 09:00  ARRIVAL AND REGISTRATION

09:00 – 09:30  WELCOME, PROGRAMME OVERVIEW & INFANTS SOCIETY | PLENARY ROOM
Morten Breindahl (Sweden); Susan Broster (United Kingdom); Cassie Lawn (United Kingdom)

09:30 – 10:00  KEYNOTE LECTURE | PLENARY ROOM
A WALK THROUGH HISTORY
Introduced by: Morten Breindahl (Sweden)
Paediatric & Neonatal Transport through the Course of History
Andrew Berry [Australia]

10:00 – 10:30  COFFEE BREAK & POSTER VIEW | EXHIBITION AREA
Moderators: Ffion Davies (United Kingdom); Luca Ramenghi (Italy)
Passive therapeutic hypothermia during ambulance and helicopter secondary neonatal transport in neonates with hypoxic brain injury: 10-years retrospective survey
Ivan Vidmar [Slovenia]
Audit of ventilated neonatal transfers in Northern Ireland from 1st January 2017 until 1st May 2017
Patricia McDermott [United Kingdom]
Intra-hospital transportation of extremely preterm infants and incidence of intraventricular haemorrhages
Noni Wadstrom [Sweden]
An evaluation of the pre-transfer stabilisation of preterm infants following patent ductus arteriosus ligation by the London Neonatal Transfer Service
Catherine Warrick [United Kingdom]

10:30 – 12:00  HOT TOPIC | PLENARY ROOM
PRE- OR POSTNATAL TRANSFER - WHEN TO CUT THE CORD?
Moderators: Cassie Lawn [United Kingdom]; Marta Thio Lluch (Australia)

10:30 – 10:50  In-utero Transfers - how successful are we?
Rosemarie Boland [Australia]

10:50 – 11:10  Impact of dedicated obstetric Transport Team on in-utero Transfer
Baljit Cheema [South Africa]

11:10 – 11:30  Dispatching Neonatal Transport Teams before delivery
Webra Price-Douglas [United States]

11:30 – 12:00  Expert Panel Discussion
12:00 – 12:45  LUNCH, INTERACTION WITH SPONSORS

12:45 – 13:15  ORAL RESEARCH PRESENTATION | PLENARY ROOM
Moderators: Stephanie Redpath (Canada); Susan Broster (United Kingdom)

12:45 – 12:55  Born before arrival, born too soon
Rosemarie Boland (Australia)

12:55 – 13:05  Maternal assisted transport system: how effective are we?
Comparison between New South Wales and the Australian Capital Territory and northern Lombardy
Marta Betti (Italy)

13:05 – 13:15  Improving mobilisation decision process using a call handling algorithm
Jumana Samara (Canada)

13:30 – 14:40  HOT TOPIC | PLENARY ROOM
BENCHMARKING AND KEY PERFORMANCE INDICATORS IN TRANSPORT - SETTING THE BARKEY
Moderators: Julian Eason (United Arab Emirates); Michael Stewart (Australia)

13:30 – 13:50  Key quality Indicators in NICU & PICU Transport
Michael Bigham (United States)

13:50 – 14:10  UK National Transport Group Database
Andrew Leslie (United Kingdom)

14:10 – 14:30  Canadian Neonatal Transport Database
Kyong-Soon Lee (Canada)

14:30 – 14:40  Expert Panel Discussion

14:40 – 15:10  COFFEE BREAK & POSTER VIEW | EXHIBITION AREA
Moderators: Kathryn Browning Carmo (Australia); Michael Meyer (United States)

Neonatal transport to and from a regional level 2 centre
Carmel Maria Moore (Ireland)

Managing the difficult airway in neonatal transport: risk assessment, training and use of airway adjuncts
Doris Wari-Pepple (United Kingdom)

NICU transport resource management
Vincenzo Toscano (Italy)

A tailored iNO therapy device in cases of low annual use in Neonatal Emergency Transport
Carlo Bellini (Italy)
15:10 – 16:30  HOT TOPIC | PLENARY ROOM
RACING TEAMS AND COMBAT AVIATION?
Moderators: Morten Breindahl (Sweden); Neelam Gupta (United Kingdom)

15:10 – 15:30  Grand Prix Pit Stop Approach of managing a Patient - when time matters
Ffion Davies (United Kingdom)

15:30 – 15:50  Human Factors in Combat Aviation
Wing Commander Chris Snaith (United Kingdom)

15:50 – 16:10  Pre-Hospital Trauma Care - Similarities with NICU/PICU Transports?
James Tooley (United Kingdom)

16:10 – 16:30  Expert Panel Discussion

16:30 – 17:00  PANEL DISCUSSION & HIGHLIGHTS OF THE DAY | PLENARY ROOM
Morten Breindahl (Sweden); Susan Broster (United Kingdom)

17:00 – 19:00  WELCOME RECEPTION

FRIDAY,
1ST SEPTEMBER, 2017

06:30 – 07:30  RECREATIONAL ACTIVITY IN OXFORD

08:00 – 08:45  REGISTRATION, NETWORKING AND POSTER VIEWING

08:45 – 09:00  WELCOME BACK, PROGRAMME OVERVIEW | PLENARY ROOM
Michael Stewart (Australia); Neelam Gupta (United Kingdom)

09:00 – 10:30  HOT TOPIC | PLENARY ROOM
ESTABLISHING TRANSPORT SERVICES IN DIFFERENT SETTINGS
Moderators: Susan Broster (United Kingdom); Boubou Hallberg (Sweden)

09:00 – 09:20  Abu Dhabi
Julian Eason (United Arab Emirates)

09:20 – 09:40  Challenges of the Neonatal Emergency and Transport Service in the Central Region of Hungary
Andras Szell (Hungary)

09:40 – 10:00  South Africa
Baljit Cheema (South Africa)

10:00 – 10:30  Expert Panel Discussion
10:30 – 11:00  **COFFEE BREAK & POSTER VIEW**  | EXHIBITION AREA
Moderators: Michael Bigham (United States); Andrea Cooper (United Kingdom)

**Telemedicine: a christchurch experience**
Anne Jackson (New Zealand)

Provision of nasal high-flow therapy (hft) using vapotherm device for non-invasive respiratory support during neonatal transport
Hemant Ambulkar (United Kingdom)

“Remote” neonatal ventilation with self-inflating bag: a resource to be considered in unfavorable circumstances
Pedro Dominguez (Spain)

High-flow nasal cannulae for the stabilisation and interfacility transport of small infants with bronchiolitis
Olalla Dominguez (Spain)

11:00 – 12:00  **HOT TOPIC**  | PLENARY ROOM
**OUTCOMES IN NICU AND PICU TRANSPORT**
Moderators: Eithne Polke (United Kingdom); Luca Ramenghi (Italy)

11:00 – 11:20  Does Specialist Paediatric Transport Teams influence Mortality in PICU
Padmanabhan Ramnarayan (United Kingdom)

11:20 – 11:40  Mortality Prediction Models for Retrieved Infants
Andrew Berry (Australia)

11:40 – 12:00  Expert Panel Discussion

12:00 – 12:45  **LUNCH, INTERACTION WITH SPONSORS**

12:45 – 14:35  **ORAL RESEARCH PRESENTATION**  | PLENARY ROOM
Moderators: William Cyr (United States); Michael Meyer (United States)

12:45 – 12:55  A risky business: 5 years of managing risk in the acute Neonatal Transfer Service (ANTS) for the east of England
Sam O’Hare (United Kingdom)

12:55 – 13:05  Transport risk index of physiological stability (TRIPS): validating trips for UK regional neonatal transfer service
Lekshmi Sasidharan (United Kingdom)

13:05 – 13:15  Predictive model to anticipate the need of major medical interventions by specialized Newborn Transport Team
Itziar Marsinyach (Spain)

13:15 – 13:25  The Quebec aeromedical experience: evacuation of neonates from areas in extreme weather conditions - innovations in safety and efficiency
Eric Notebaert (Canada)
13:25 – 13:35  Interhospital transport of paediatric patients in Denmark - a survey of current practice
Kristin Nystrup (Denmark)

13:35 – 13:45  Evaluation of Cost of Neonatal Transport Organization in Liguria Region, Italy
Carlo Bellini (Italy)

13:45 – 13:55  Transport of the Surgical Neonates
Rajath Pejaver (United Kingdom)

13:55 – 14:05  The effects of short term whole body vibration, as experienced during neonatal ambulance transportation, on the early developing rodent rain
Lara Shipley (United Kingdom)

14:05 – 14:15  Participant’s experience in neonatal and paediatric transport high fidelity simulation course
Nuria Torre Monmany (Spain)

14:15 – 14:25  Tablet based feedback to improve parent feedback response rates in neonatal transport - A quality improvement study
Prashanth Bhat (United Kingdom)

14:25 – 14:35  Family Centred Care in Neonatal Transport
Jenny Weddell (United Kingdom)

14.35 – 15:00  COFFEE BREAK & POSTER VIEW | EXHIBITION AREA
Moderators: Susan Broster (United Kingdom); Baljit Cheema (South Africa)

Right place - right time? Transfers of extreme preterm neonates in the first 48 hours of life within two adjacent neonatal operational delivery networks
Daniela Vieten (United Kingdom)

Design of a child friendly paediatric and neonatal ambulance in Catalonia, Spain
Marta Sardà Sánchez (Spain)

The Lucy Air Ambulance for Children Parental Experience
Nicola Cleave (United Kingdom)

Current parent feedback response rates and feedback methods in the neonatal transport service across the UK
Prashanth Bhat (United Kingdom)

Brazilian regulation of child birth in transport of high risk infant in a home care birth situation
Caren Vanessa Cupertino (Brazil)
15:00 – 16:30  BREAK OUT SESSION 1  | PLENARY ROOM
STRUCTURE & ORGANISATION OF TRANSPORT SERVICE
Moderators: Andrew Leslie (United Kingdom); Michael Stewart (Australia)

15:00 – 15:20  Retrieval service governance – the Medical Director perspective
Tova Hannegård Hamrin and Morten Breindahl (Sweden)

15:20 – 15:40  Retrieval service governance – the Nursing Director perspective
William Cyr (United States)

15:40 – 16:00  Pros and Cons of Hospital Integrated Transport Services vs Stand alone service
Luca Ramenghi (Italy)

16:00 – 16:30  Expert Panel Discussion

15:00 – 16:30  BREAK OUT SESSION 2  | ROOM 6
FAMILY CENTRED CARE AND TRANSFER
Moderators: Rosemarie Boland (Australia); Ann Marie Wilson (United Kingdom)

15:00 – 15:20  Family Retrievals and Support during Transport
Lisa Leppard (United Kingdom)

15:20 – 15:40  Parents Experience - NICU/PICU Transport Service
Susannah Tucker (United Kingdom)

15:40 – 16:00  When it all goes wrong - communication with parents
Cassie Lawn (United Kingdom)

16:00 - 16:30  Discussion

15:00 – 16:30  BREAK OUT SESSION 3  | ROOM 7
Simulation-based education in neonatal retrieval: training in a safe environment to improve retrieval teamwork skills (limited number of participants)
Marta Thio Lluch (Australia); Jenni Sokol (Australia)

Each of the physical, technical, and situational environments can be challenging for neonatal retrieval teams and providing structure to deal with this environment is imperative.

Aim of this workshop is to provide the opportunity for participants to engage in simulations with debriefing around the situational and communication challenges of neonatal retrievals, within a safe educational environment.

By the end of this workshop, participants should be able to:
- Discuss the differences in team dynamics between the retrieval and NICU environment
- List strategies to improve communication between and within retrieval teams
- Discuss the medical management of the deteriorating neonate in a complex environment
15:00 – 16:30  
**BREAK OUT SESSION 4 | ROOM 9**

Stabilisation of the neonate and infant in cardiogenic shock (limited number of participants)
Andrea Cooper (United Kingdom); Michael Griksaitis (United Kingdom)

The aim of this workshop is to improve confidence with the stabilisation & transfer of the neonate and infant presenting with cardiogenic shock. This will be an interactive workshop, suitable for all members of the neonatal and PICU transport teams involved in the resuscitation and transfer of this high risk cohort of patients.

By the end of the workshop candidates should be able to:
• Outline the pathophysiology of cardiogenic shock in neonates & infants
• Describe key measures to stabilise these patients in the district hospital and during transfer
• Discuss the risks and benefits of transfer of these patients (including understanding the need to transfer for extra-corporeal support)
• Identify scenarios when transfer would not be in the best interest

16:30 – 17:30  
**HOT TOPIC | PLENARY ROOM**

**OVERVIEW OF DIFFERENT TRANSPORT SERVICE MODELS**
Moderators: Andrew Berry (Australia); Stephanie Redpath (Canada)

16:30 – 16:50  
Paramedic Based Critical Care Infant Transport Team - British Columbia, Canada
Michael Elliott (Canada)

16:50 – 17:10  
Integrating Paediatric, Neonatal and Emergency Transport Services - ScotSTAR
Ann Marie Wilson (United Kingdom)

17:10 – 17:30  
Expert Panel Discussion

17:30 – 18:00  
**HIGHLIGHTS OF DAY 2 | PLENARY ROOM**
Neelam Gupta (United Kingdom); Michael Stewart (Australia)

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**SATURDAY, 2ND SEPTEMBER, 2017**

06:30 – 07:30  
**RECREATIONAL ACTIVITY IN OXFORD**

08:00 – 08:45  
**REGISTRATION, NETWORKING AND POSTER VIEWING**

08:45 – 09:00  
**WELCOME BACK, PROGRAMME OVERVIEW | PLENARY ROOM**
Stephanie Redpath (Canada); Michael Meyer (United States), Eithne Polke (United Kingdom)
09:00 – 10:00  **KEY NOTE LECTURES | PLENARY ROOM**
**EXTREME IN TRANSPORT MEDICINE**
Moderators: Morten Breindahl (Sweden); James Tooley (United Kingdom)

09:00 – 09:30  Course from Referral to Retrieval - Triage, defining Acuity and Stabilisation in Paediatric Retrievals
Eithne Polke (United Kingdom)

09:30 – 10:00  World of Extreme Medicine - What can we learn?
Matt Edwards (United Kingdom)

10:00 – 10:30  **COFFEE BREAK & POSTER VIEW | EXHIBITION AREA**
Moderators: Cassie Lawn (United Kingdom); Jenni Sokol (Australia)

- Cosypod-bringing babies back better
  John Grant-Thomson (Australia)

- Quality of neonatal transport performed by a specialised combined neonatal and pediatric transport unit in Catalonia (Spain)
  Teresa Esclapes (Spain)

- Retrospective review of stabilisation times for patients with HIE and extreme preterm infants relating to level of referring unit and team composition
  Andrea Mayes (United Kingdom)

- A year of surgical transfers: diagnoses, dispatch times and distance
  Nipa Mitra (United Kingdom)

10:30 – 12:00  **HOT TOPIC | PLENARY ROOM**
**INNOVATION & RESEARCH**
Moderators: Tova Hannegård Hamrin (Sweden); Padmanabhan Ramnanaryan (United Kingdom)

10:30 – 10:50  How do we bring Neonatal, Paediatric and Emergency Services to collaborate for Retrieval Research?
Marta Thio Lluch (Australia)

10:50 – 11:10  Electronic Documentation in Transport
Hamilton Schwartz (United States)

11:10 – 11:30  Telemedicine in Critical Care & Transport
Kathryn Browning Carmo (Australia)

11:30 – 12:00  Expert Panel Discussion

12:00 – 12:45  **LUNCH, INTERACTION WITH SPONSORS**
12:45 – 13:35  **ORAL RESEARCH PRESENTATION**  
**Moderators:** Michael Bigham (United states); Neelam Gupta (United Kingdom)

12:45 – 12:55  Nasal High Flow support during Neonatal Retrieval in Victoria, Australia  
Calum Roberts (Australia)

12:55 – 13:05  Cardiopulmonary point-of-care ultrasound (POCUS) in the neonatal transportation  
Wojciech Durlak (Poland)

13:05 – 13:15  Comparing three methods of therapeutic hypothermia on transportation: a single centre canadian experience  
Khorshid Mohammad (Canada)

13:15 – 13:25  Use of tecotherm neo to maintain normothermia in extreme preterm infants during transport as a quality improvement project  
Igor Fierens (United Kingdom)

Angela De Cunto (United Kingdom)

13:35 – 14:30  **HOT TOPIC**  
**PLENARY ROOM**  
**CLINICAL CHALLENGES**  
**Moderators:** Michael Griksaitis (United Kingdom); Hamilton Schwartz (United States)

13:35 – 13:55  Congenital Diaphragmatic Hernia and Transfer  
Michael Stewart (Australia)

13:55 – 14:15  Paediatric Intensive Care Management of Organ Donors  
Michael Meyer (United States)

14:15 – 14:30  Expert Panel Discussion

14.30 – 15:00  **COFFEE BREAK & POSTER VIEW**  
**EXHIBITION AREA**  
**Moderators:** Kathryn Browning Carmo (Australia); Webra Price-Douglas (United States)

Mortality rate in 23-30 weeks premature born in Level 2 Hospital in comparison to those born in Tertiary-care Hospital  
Jean-Pierre Doray (Canada)

Our experience in neonatal and paediatric transport high fidelity simulation scenarios  
Nuria Torre Monmany (Spain)

The neonatal intensive transport team in uppsala, Sweden, a description of working methods from a registered nurse perspective  
Sara Fäldt (Sweden)
Specific training on neonatal transport: the Sem-Pediatric Vall d’Hebron course  
Pedro Dominguez (Spain)

Helicopter-based simulation training for an infant and children’s transport service  
Ian Braithwaite (United Kingdom)

15:00 – 16:00  HOT TOPIC | PLENARY ROOM
RETIREEVALS THAT GO PEAR-SHAPED
Moderator: Michael Meyer (United States)

15:00 – 15:40  Black Box thinking - Learning from Mistakes & Challenges  
Morten Breindahl, Susan Broster, Boubou Hallberg, Michael Stewart, Neelam Gupta, Michael Meyer, Stephanie Redpath

15:40 – 16:00  Expert Panel Discussion

16:00 – 17:00  AWARD & CLOSING CEREMONY | PLENARY ROOM
Morten Breindahl (Sweden); Susan Broster (United Kingdom), INFANTS Committee & MCA
GENERAL INFORMATION

ORGANIZING SECRETARIAT REGISTRATION DESK OPENING HOURS

August 31st, 2017  08:00 - 17:00
September 1st, 2017  08:00 - 18:00
September 2nd, 2017  08:00 - 17:00

CERTIFICATE OF ATTENDANCE

At the end of the congress you will receive an email with the instructions to download your Certificate.

UEMS ACCREDITATION

The 3rd Edition of Transport of High Risk Infants has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 17 European CME credits (ECMEC®s). Ask for your certificate at the registration desk.

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Fetal and Neonatal Research

Editors-in-Chief
H.L. Halliday, Belfast
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This highly respected and frequently cited journal is a prime source of information in the area of fetal and neonatal research. Original papers present research on all aspects of neonatology, fetal medicine and developmental biology. These papers encompass both basic science and clinical research including randomised trials, observational studies and epidemiology. Basic science research covers molecular biology, molecular genetics, physiology, biochemistry and pharmacology in fetal in addition to the classic features the journal accepts papers for the sections Research Briefings and Sources of Neonatal Medicine (historical pieces). Papers reporting results of animal studies should be based upon hypotheses that relate to developmental processes or disorders in the human fetus or neonate.

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