



3rd EDITION
TRANSPORT OF HIGH RISK infants
WHEN SKILLS, EQUIPMENT AND PROFESSIONALISM MAKE THE DIFFERENCE

OXFORD-UK

AUGUST 31st
SEPTEMBER 2nd
2017

3rd Edition of Transport of High Risk Infants

PRELIMINARY SCIENTIFIC PROGRAMME

THURSDAY, 31ST AUGUST 2017

08:00 – 09:00

ARRIVAL AND REGISTRATION

09:00 – 09:30

WELCOME, PROGRAMME OVERVIEW & INFANT SOCIETY

Morten Breindahl & Susan Broster

09:30 – 10:00

KEYNOTE LECTURE: A WALK THROUGH HISTORY

Paediatric & Neonatal Transport through Course of History

Andrew Berry (Australia)

10:00 – 10:30

COFFEE BREAK & POSTER VIEW

10:30 – 12:00

HOT TOPIC: PRE- OR POSTNATAL TRANSFER - WHEN TO CUT THE CORD?

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



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- 12:45 – 13:30** **ORAL RESEARCH PRESENTATION**
- 12:45 – 12:55 **Born before arrival, Born too soon** Rosemarie
Anne 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)
- 13:15 – 13:25 **Risk of postnatal transport and outcome of late preterm infants born at non-tertiary centres: a retrospective cohort study**
Nicoletta Doglioni (Italy)
- 13:30 – 14:40** **HOT TOPIC: BENCHMARKING AND KEY PERFORMANCE INDICATORS IN TRANSPORT - SETTING THE BARKEY**
- 13:30 – 13:50 **Key quality Indicators in NICU & PICU Transport**
Michael Bingham (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**
- 15:10 – 16:30** **HOT TOPIC: RACING TEAMS AND COMBAT AVIATION?**
- 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**
- 17:00 – 19:00** **WELCOME RECEPTION**



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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**
Michael Stewart and Neelam Gupta

- 09:00 – 10:30** **HOT TOPIC: ESTABLISHING TRANSPORT SERVICES IN DIFFERENT SETTINGS**
- 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 Széll (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**

- 11:00 – 12:00** **HOT TOPIC: OUTCOMES IN NICU AND PICU TRANSPORT**
- 11:00 – 11:20 **Does Specialist Paediatric Transport Teams influence Mortality in PICU**
Padmanabhan Ramanaryan (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 – 14:30** **ORAL RESEARCH PRESENTATION**
- 12:45 – 12:55 **Transport risk index of physiologic stability; a validation for Swedish conditions**
Björn-Markus Karlsson (Sweden)
- 12:55 – 13:05 **Transport risk index of physiological stability (TRIPS): validating trips for UK regional neonatal transfer service**
Lekshmi Sasidharan (United Kingdom)



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- 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**
Neelam Gupta (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 brain**
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**
- 15:00 – 16:30 BREAK OUT SESSION 1 - STRUCTURE & ORGANISATION OF TRANSPORT SERVICE**
- 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)



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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 - FAMILY CENTRED CARE AND TRANSFER

15:00 – 15:20 **Family Retrievals and Support during Transport**

Lisa Leppard (United Kingdom)

15:20 – 15:40 **Parents Experience - NICU/PICU Transport Service**

TBA

15:40 – 16:00 **When it all goes wrong - Communication with Parents**

Cassie Lawn (United Kingdom)

15:00 – 16:30 BREAK OUT SESSION 3

Simulation-based education in neonatal retrieval: training in a safe environment to improve retrieval teamwork skills *(limited number of participants)*

Jenni Sokol (Australia)

Marta Thio Lluch (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

Stabilisation of the neonate and infant in cardiogenic shock *(limited number of participants)*

Michael Griksaitis (United Kingdom)

Andrea Cooper (United Kingdom)



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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

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| 16:30 – 17:30 | HOT TOPIC: OVERVIEW OF DIFFERENT TRANSPORT SERVICE MODELS |
| 16:30 – 16:50 | Paramedic Based Critical Care Infant Transport Team - British Columbia, Canada <i>Michael Elliott (Canada)</i> |
| 16:50 – 17:10 | Integrating Paediatric, Neonatal and Emergency Transport Services - ScotSTAR <i>Anne Marie Wilson (United Kingdom)</i> |
| 17:10 – 17:30 | Expert Panel Discussion |
| 17:30 – 18:00 | HIGHLIGHTS OF DAY 2 |

SATURDAY, 2ND SEPTEMBER 2017

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|----------------------|---|
| 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 <i>Stephanie Redpath & Michael Meyer</i> |
| 09:00 – 10:00 | KEY NOTE LECTURES: EXTREME IN TRANSPORT MEDICINE |
| 09:00 – 09:30 | Course from Referral to Retrieval - Triage, defining Acuity and Stabilisation in Paediatric Retrievals <i>Eithne Polke (United Kingdom)</i> |
| 09:30 – 10:00 | World of Extreme Medicine - What can we learn? <i>Matt Edwards (United Kingdom)</i> |
| 10.00 – 10:30 | COFFEE BREAK & POSTER VIEW |



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- 10:30 – 12:00** **HOT TOPIC: INNOVATION & RESEARCH**
- 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 – 13:30** **ORAL RESEARCH PRESENTATION**
- 12:45 – 12:55 **Nasal High Flow Support During Neonatal Retrieval in Victoria, Australia**
Calum Roberts (Australia)
- 12:45 – 13:30 **Cardiopulmonary point-of-care ultrasound (POCUS) in the neonatal transportation**
Wojciech Durlak (Poland)
- 12:55 – 13:05 **Comparing three methods of therapeutic hypothermia on transportation: a single centre canadian experience**
Khorshid Mohammad (Canada)
- 13:05 – 13:15 **Use of tecotherm neo to maintain normothermia in extreme preterm infants during transport as a quality improvement project**
Igor Fierens (United Kingdom)
- 13:15-13:25 **Infants referred for therapeutic hypothermia: Quality of neurological assessment and documentation**
Angela De Cunto (United Kingdom)

- 13:30 – 14:30** **HOT TOPIC: CLINICAL CHALLENGES**
- 13:30 – 13:50 **Congenital Diaphragmatic Hernia and Transfer**
Michael Stewart (Australia)
- 13:50 – 14:10 **Paediatric Intensive Care Management of Organ Donors**
Michael Meyer (United States)
- 14:10 – 14:30 **Expert Panel Discussion**

- 14.30 – 15:00** **COFFEE BREAK & POSTER VIEW**



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- 15:00 – 16:00** **HOT TOPIC: RETRIEVALS THAT GO PEAR-SHAPED**
- 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**
Morten Breindahl & Susan Broster