2nd EDITION
TRANSPORT OF HIGH RISK NEONATES
WHEN SKILLS, EQUIPMENT AND PROFESSIONALISM MAKE THE DIFFERENCE

COPENHAGEN
SEPTEMBER 1st - 2nd - 3rd 2016

President of the meeting:
Morten Breindahl, Copenhagen
President of the European Society for Neonatology

www.neonataltransportation2016.eu
Dear Colleagues,

Welcome to the CPH Transport Congress 2016. This is the 2nd Edition of the High Risk Transport of Neonates’ Congress in Europe, but the first that reaches out to the acute neonatal transport services from all over the world.

The Congress aims at bringing together different health care professionals engaged in high-risk neonatal transports: Neonatologists, neonatal trainees, paediatric intensivists, anaesthesiologists, neonatal intensive care nurses, respiratory therapists, nurse practitioners, perfusionists, researchers, medical directors and decision makers engaged in the challenges, planning and/or conduct of acute neonatal retrievals.

You will have an unseen opportunity to meet with and learn from colleagues from all over the world, and interactivity and networking will be highly prioritized in the Congress program.

The topics will focus on state-of-the-art issues, including procedures and technical solutions for neonatal transport, as well as practical problem solving under unforeseen and austere conditions. We hope you will find the program interesting.

The ultimate goal of the Congress is to challenge and find solutions to the unmet needs in high-risk transports of sick neonates and to promote cooperation and research activities on a multinational scale.

Welcome in Copenhagen and enjoy the Congress!

Morten Breindahl
SCHEDULE:

AUGUST 31st, 2016
14:00 - 17:00 Arrival and Registration
17:00 - 19:00 Official Welcome Reception at the Copenhagen City Hall

SEPTEMBER 1st, 2016
07:30 - 09:00 Breakfast, Arrival & Registration. Exhibition view
09:00 - 09:30 PLENARY HALL - WELCOME
Learning Objectives, Programme Overview, Practicalities
Morten Breindahl, Denmark
09:30 - 10:00 PLENARY HALL - KEYNOTE LECTURE
Moderators: Susan Brolley, UK - Morten Breindahl, Denmark
Triage, Referral and Advice in Perinatal Transport - In vs Ex-utero Transport
Michael Stewart, Australia
10:00 - 10:30 Coffee Break, Exhibition View
10:30 - 12:00 PLENARY HALL - HOT TOPIC: CHALLENGES AND EXPERIENCES IN NEONATAL TRANSPORT
Chairs and moderators: Boubou Hallberg, Sweden - Don Sharkey, UK
10:30 - 11:00 Longdistance Perinatal Transfers
Faith Emery, UK
11:00 - 11:30 Neonatal Transport in Iceland
Hilde Brynjarson, Iceland
11:30 - 12:00 Neonatal Transport in Boston
William Cry, USA
12:00 - 12:45 Lunch, Exhibition View
12:45 - 13:30 PLENARY HALL - RESEARCH - ORAL PRESENTATIONS
Chairs and moderators: Lucy Mitchell, UK - Morten Breindahl, Denmark
13:30 - 14:00 PLENARY HALL - AIRWAY AND BREATHING
Chairs and moderators: Michael Meyer, USA - Neelam Gupta, UK
13:30 - 14:00 Challenges of Neonatal Pulmonary Physiology during Transport
Peter Cox, Canada
14:00 - 14:30 Ventilation Strategies of the sick Neonate during Transport
Donald Null, USA
14:30 - 15:00 Coffee Break, Exhibition View
15:00 - 16:30 PLENARY HALL - BREAKOUT SESSION 1: TRIAGE, COMMUNICATION AND STABILISATION
Chairs and moderators: Gunnar Sjörs, Sweden - Sanjiv Nichani, UK
15:00 - 15:30 Risk Prediction Tool for Preterm Birth and Outcomes for In- and Outborn High Risk Babies
Rosemarie Boland, Australia
15:30 - 16:00 Optimal Communication with Referring Unit when Time is Critical
Martha Thio, Australia
16:00 - 16:30 Pretransport Stabilisation of the Sick Neonate
Michael Stewart, Australia
15:00 - 16:30 PARALLEL 1 - BREAKOUT SESSION 2: TRANSPORT SERVICE DEVELOPMENT AND MODEL
Chairs and moderators: William Cyr, USA - Boubou Hallberg, Sweden
15:00 - 15:30 Towards the full Development of a neonatal and pediatric Retrieval Service; Recommendations and Pitfalls
Pedro Domínguez-Sampedro, Spain
15:30 - 16:00 Transport Model pros and cons: Amalgamated PICU/NICU Model
Stephen Hancock, UK
16:00 - 16:30 Transport Model pros and cons: Stand-alone PICU and NICU Model
Susan Brolley, UK
15:00 - 16:30 PARALLEL 2 - SKILLS STATION A
Handling the difficult Airway and Air Leak during Transport
Tósko Jakobsen, Denmark - Morten Breindahl, Denmark
Assistant: Malte Rosager Hansen, Denmark
15:00 - 16:30 PARALLEL 3 - SKILLS STATION B
Setting and using iNO and HFOV during Transport
Donald Null, USA
Assistant: Nikolaj Breindahl, Denmark
16:30 - 17:00 PLENARY HALL - HIGHLIGHTS OF DAY 1 - OR WHAT YOU MIGHT HAVE MISSED
Morten Breindahl, Denmark
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<th>Time</th>
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<tr>
<td>06:30</td>
<td>Morning Run with Sightseeing in wonderful Copenhagen</td>
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<td>07:30</td>
<td>Breakfast, Networking and Exhibition View</td>
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<td>09:00</td>
<td>PLENARY HALL - HOT TOPIC: EXTENDED ROLES OF NEONATAL TRANSPORT SERVICE</td>
<td>Chairs and moderators: Martha Thio, Australia - William Cyr, USA</td>
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<td>09:00</td>
<td>The palliative Care Transport</td>
<td>Edita Maradick, UK</td>
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<td>09:30</td>
<td>Outreach Education, advisory Role and Network Flow</td>
<td>Neelam Gupta, UK</td>
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<td>10:30</td>
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<td>10:30</td>
<td>PLENARY HALL - TECHNOLOGY AND EQUIPMENT</td>
<td>Chairs and moderators: Morten Breindahl, Denmark - Carlo Bellini, Italy</td>
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<td>10:30</td>
<td>How new Technologies and Innovations will change neonatal Transport</td>
<td>Jeroen Dudink, The Netherlands</td>
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<td>11:00</td>
<td>The Feasibility and Utility of Ultrasound in the Transport of extremely Preterm Neonates</td>
<td>Kathryn Browning Cameron, Australia</td>
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<td>11:30</td>
<td>Packing the Bags - nice to have vs need to have</td>
<td>Catherine Convery, UK</td>
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<td>12:00</td>
<td>Lunch, Exhibition View</td>
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<td>12:45</td>
<td>PLENARY HALL - RESEARCH - ORAL PRESENTATIONS</td>
<td>Chairs and moderators: Michael Bigham, USA - Martha Thio, Australia</td>
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<td>13:30</td>
<td>PLENARY HALL - CIRCULATION</td>
<td>Chairs and moderators: Stephen Hancock, UK - Faith Emery, UK</td>
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<td>13:30</td>
<td>Stabilisation and Transport of the Neonate with suspected Congenital Heart Disease</td>
<td>Michael Meyer, USA</td>
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<td>14:00</td>
<td>ECMO on Wheels - Indication, Preparation and Performance</td>
<td>Sanjiv Nichams, UK</td>
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<td>14:00</td>
<td>Coffee Break, Exhibition View</td>
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<td>15:00</td>
<td>PLENARY HALL - BREAKOUT SESSION 3: QUALITY METRICS IN NEONATAL TRANSPORT</td>
<td>Chairs and moderators: Michael Bigham, USA - Neelam Gupta, UK</td>
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<td>15:00</td>
<td>Key Performance Indicators in High-Risk Infant Transport</td>
<td>Manfreda Rohravy, UK</td>
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<td>15:30</td>
<td>Learning from AEs during neonatal Transport through a national Registry</td>
<td>Danmar Spara, Sweden</td>
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<td>16:00</td>
<td>Neonatal Patient Safety during Transport: Room to improve Crash Protection</td>
<td>Don Sharkey, UK</td>
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<td>15:00</td>
<td>PARALLEL 1 - BREAKOUT SESSION 4: TEAM DYNAMICS IN NEONATAL TRANSPORT</td>
<td>Chairs and moderators: Pedro Dominguez Sampado, Spain - Michael Stewart, Australia</td>
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<td>15:00</td>
<td>Human Factors and their Influence on Team Performance</td>
<td>Lucy Mitchell, UK</td>
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<td>15:30</td>
<td>Organization of Transport Services - the Swedish Experience</td>
<td>Boubou Hallberg, Sweden</td>
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<td>16:00</td>
<td>Does Regionalisation improve Outcome in Neonatal Transport?</td>
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<td>15:00</td>
<td>PARALLEL 2 - SKILLS STATION A</td>
<td>Handling the difficult Airway and Air Leak during Transport</td>
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<td>15:00</td>
<td>Setting and using INO and HFOV during Transport</td>
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<td>16:30</td>
<td>PLENARY HALL - HIGHLIGHTS OF DAY 2 - OR WHAT YOU MIGHT HAVE MISSED</td>
<td>Chairs and moderators: Morten Breindahl, Denmark</td>
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SEPTEMBER 3rd, 2016

06:30 - 07:30 Outdoor Morning Swim in Copenhagen Harbor

07:30 - 09:00 Breakfast, Networking and Exhibition View

09:00 - 10:00 PLENARY HALL - BREAKOUT SESSION 5: ACCREDITATION, REGULATION AND QUALITY CONTROL
Chairs and moderators: Morten Breindahl, Denmark - Mariya Malova, Italy

09:00 - 09:30 Benchmarking of Transport Service
Stephen Hancock, UK

09:30 - 10:00 Benchmarking and Building a Database - the GAMUT Project
Michael Brigham, USA

09:00 - 10:00 PARALLEL 1 - BREAKOUT SESSION 6: TRAINING AND SIMULATION
Chairs and moderators: Susan Broster, UK - Peter Cox, Canada

09:00 - 09:30 Competency based Training and Education for different Transport Team Members
Neelam Gupta, UK

09:30 - 10:00 High-Fidelity Simulation in Neonatal Transport
Martha Thio, Australia

10:00 - 10:30 Coffee Break, Exhibition View

10:30 - 12:00 PLENARY HALL - NEUROLOGY AND PROVISION OF CARE
Chairs and moderators: Katherine Connery, UK - Hrafnfr Brynjarsdottir, Iceland

10:30 - 11:00 Protecting the Brain of the Encephalopathic Neonate during Transport
Mariya Malova, Italy

11:00 - 11:30 Protecting the Brain of the immature Infant during Transport
Michael Meyer, USA

11:30 - 12:00 PFCC during the acute neonatal Transport is it feasible?
Tine Ryberg Jørgensen, Denmark - Malena Tingvat, Denmark

12:00 - 12:30 Lunch, Exhibition View

12:30 - 13:00 PLENARY HALL - RESEARCH - ORAL PRESENTATIONS
Chairs and moderators: Rosemarie Boland, Australia - Michael Stewart, Australia

13:00 - 13:30 PLENARY HALL - HOT TOPIC
Chairs and moderators: Nandiran Ratnavel, UK - Kathryn Browning Carmo, Australia
Medico-Legal Issues in Neonatal Transport
Susan Broster, UK

13:30 - 14:00 Coffee break with demonstration of a “Level III NICU on Wheels - a novel Ambulance Concept”
Morten Breindahl, Denmark
Assistants: Trine Ryberg, Denmark - Malena Tingvat, Denmark

14:00 - 14:30 PLENARY HALL - HIGHLIGHTS OF DAY 3 - OR WHAT YOU MIGHT HAVE MISSED
Morten Breindahl, Denmark

14:30 - 15:30 Awards & Closing Ceremony
Morten Breindahl, Denmark - Susan Broster, UK - Neelam Gupta, UK - Martha Thio, Australia
Michael Meyer, USA - Michael Stewart, Australia
FLOOR PLAN

1-2 Int. Biomedical/Hamilton
3 Help & Rescue
4 Linde
7 Techno Systems AS
8 Medical Market
9 Vygon
10-11 GE Medical Systems
12 ParAid
GENERAL INFORMATION

ORGANIZING SECRETARIAT REGISTRATION DESK OPENING HOURS
August 31st 14.00 -17.00
September 1st 07.30 -17.30
September 2nd 07.30 -17.30
September 3rd 07.30 -16.00

CERTIFICATE OF ATTENDANCE:
Download your Certificate of Attendance directly from the official congress website filling in the required field with your reference number at the end of the congress.

UEMS ACCREDITATION:
The 2nd EDITION OF HIGH RISK TRANSPORT OF NEONATES - When Skills, Equipment and Professionalism make the Difference has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME).
The UEMS certificate will be available on the official congress website.

Share your experience by using the hashtag #neonataltransportation2016 on:
facebook.com/TransportofHighRiskNeonates
@NTCongress
linkedin.com/groups/8471623

SOCIAL EVENTS
Welcome Reception meeting point:
Copenhagen City hall, Rådhuspladsen 1, 1599 Copenhagen

Morning Run and Morning Swim meeting point:
Meeting point: In front of Islands Brygge Harbour Bath, Islands Brygge 14, 2300 Copenhagen
## Fetal and Neonatal Research

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<tr>
<th>Paper Title</th>
<th>Authors</th>
<th>Location</th>
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<tr>
<td><strong>241 Prediction of Respiratory Outcome in Extremely Low Gestational Age Infants</strong></td>
<td>Parad, R.B.; Davis, J.M.; Lo, J.; Thomas, M.; Marlow, N.; Calvert, S.; Peacock, J.L.; Greenough, A.</td>
<td>Boston, Mass.; London</td>
</tr>
<tr>
<td><strong>249 Ketamine Attenuates the ACTH Response to Hypoxia in Late-Gestation Ovine Fetus</strong></td>
<td>Chang, E.I.; Wood, C.E.</td>
<td>Gainesville, Fla.</td>
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<tr>
<td><strong>258 Perfusion Index in Preterm Infants during the First 3 Days of Life: Reference Values and Relation with Clinical Variables</strong></td>
<td>Alderliesten, T.; Lemmers, P.M.A.; Baerts, W.; Groenendaal, F.; van Bel, F.</td>
<td>Utrecht</td>
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<td><strong>277 Lung Deposition of Nebulized Surfactant in Newborn Piglets</strong></td>
<td>Linner, R.; Perez-de-Sa, V.; Cunha-Goncalves, D.</td>
<td>Lund</td>
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<tr>
<td><strong>283 Using Measurements of Shunt and Ventilation-to-Perfusion Ratio to Quantify the Severity of Bronchopulmonary Dysplasia</strong></td>
<td>Dassios, T.; Curley, A.; Morley, C.; Ross-Russell, R.</td>
<td>Cambridge</td>
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