



Who is organising the Symposium:

Mario Rüdiger, Lars Mense, Marius Möbius

- Scientific advisory board – Regenerative Therapies**
Bernard Thebaud
- Scientific advisory board – DR-management**
Janneke Dekker (Leiden); Arjan te Pas (Leiden); Charles Christoph Roehr
- ESCNR – Young Investigator Price**
Janneke Dekker; Laila Springer

You are invited to actively participate in:

- Presentation of case or SOP¹**
Register at: sabine.resch@ukdd.de
- Discussing your stem cell research¹**
Register at: sabine.resch@ukdd.de
- Video of DR-management²**
- Presenting results of your research²**
Details of application will be announced at www.ukdd.de/fetoneoSymposium. The audience will select the best presentation by vote
- Meeting the expert**
To have the session as productive as possible, there will be a maximum of 10 participants per expert group. Therefore, please register early!
Register at: sabine.resch@ukdd.de

Further information can be found at www.ukdd.de/fetoneoSymposium or by mail sabine.resch@ukdd.de.

1 If you present your case or SOP we will cover your registration fee.

2 If you are chosen to present a video or your research we will cover your registration fee.

How to register?

The number of participants is restricted to 150.

Thus, a registration is required.

Please register by E-Mail at: sabine.resch@ukdd.de

Tel.: +49 351 458-3640

What to pay for participation?

If you register until January 30th, 2024 there will be a charge of 180 €, thereafter of 220 €.

Furthermore, there will be a separate charge for the course on Saturday (40 €/course).

To be paid after receiving confirmation of registration at:

Name of beneficiary: Carl Gustav Carus Management GmbH

Bank: Deutsche Kreditbank AG

IBAN: DE 71 1203 0000 0011 248 333

BIC: BYLADEM1001

Password: TEST-APGAR

What about CME credits?

Participants will get 9 CME credits for March 14th and 9 CME credits for March 15th from the *Sächsische Landesärztekammer*.

What is the language, is the Symposium on the web?

Presentations are given in **English only**.

A **live presentation** of the symposium **via internet** is planned for participants who cannot come to Dresden.

Where is the Symposium held?

Medical-Theoretical Centre (MTZ), **Building 91**, Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden; Fiedlerstr. 42, 01307 Dresden

How the Symposium can be reached?

By Train: Dresden Neustadt › Tram 6 to Augsburger Strasse; Dresden Hauptbahnhof › Tram 12 (Prager Strasse) to Augsburger Strasse

By Plane: Dresden Airport (from Munich, Frankfurt, Düsseldorf) › S-Bahn to "Dresden Neustadt" › Tram 6 to Augsburger Strasse; or to Berlin-Schönefeld / Tegel and by train or bus (2 hours)

By Boat: Dresden is situated on the river Elbe, thus you can use your Yacht.

15th Dresden Symposium

on Delivery Room Management
and Regenerative Therapies

14th – 16th of March 2024

A joint meeting of the

European Scientific Collaboration of Neonatal Resuscitation (ESCNR), MASC-Prematurity task force and Department for Neonatology and Pediatric Intensive Care Medicine

Saxony Center for Feto/Neonatal Health
University Hospital C. G. Carus, Dresden, Germany



Saxony Center
for Feto/neonatal
Health

Invitation

Dear friends and colleagues,

With great pleasure we invite you to our **15th annual „Dresden Symposium“**.

The meeting in March has become the kick-off for the academic year of clinicians and researchers who are interested in improving care of newborns. During the past decade, we had the honour to host many dear friends and colleagues in Dresden and to provide an atmosphere for scientific exchange.

We are excited to welcome you in person in Dresden. As already introduced a decade ago, we will also provide online access for participants who are not able to come. We hope to keep the spirit of the meeting alive and to provide a platform for intensive exchange between clinicians and scientists who are interested in Delivery Room Management and in new developments in neonatology.

In order to cover a broad range of relevant topics we have invited speakers to cover the following topics:

- How to treat the intra-uterine child and the extra-uterine fetus.
- Preventing perinatal asphyxia and treating infants with HIE.
- An update on best clinical practice of DR-management and Pro&Con Discussions.
- How can we perform virtual education in the DR?
- Recent technical achievements to improve care in the DR.
- Young investigators present their research projects.
- Recent advances on stem cell research.



The programme is divided into two parts: on Thursday and Friday, you will have the opportunity to attend cutting-edge lectures on Delivery Room Management and new approaches in Neonatology. On Saturday, the highly-interactive courses offer a chance to young clinicians from different parts of the world on pertinent to optimal perinatal management and quality improvement. You will find more details at www.ukdd.de/fetoneoSymposium.

As always, we are interested to provide the opportunity for intensive discussions. Therefore, we restrict the meeting on Thursday and Friday in person to 150 participants.

If you **register until January 30th, 2024** there will be a **charge of 180 €, thereafter of 220 €**.

For students we have reduced fee of 40/70 € (early/late registration).

Furthermore, there will be a **separate charge for courses** on Saturday (40 €/course).

There will be no charge for online participants; however, you are required to register at sabine.resch@ukdd.de.

We are looking forward to seeing you in March 2024 in Dresden.

Mario Rüdiger

Arjan te Pas

Janneke Dekker

Short Programme

The Future of Feto/Neonatal Health

Thursday, 14th of March 2024

Advances in improving feto-neonatal health are discussed from different perspectives: Consequences of feto-neonatal development on our care, international initiatives to improve care, current data on treatment of perinatal asphyxia and finally current results and challenges associated with clinical application of stem cells in different patient groups.

In the evening you are cordially invited to meet our experts and join our BYO dinner. We will offer some food and you are invited to bring some local food or drinks from your home-town to share it with your colleagues.

Delivery Room Management

Friday, 15th of March 2024

Distinguished speakers will present current knowledge on delivery room management. We will discuss recent results of research and will get an impression on how technique will help to improve DR-management.

If you are a young investigator, please submit your abstract in order to present your data and win the Young Investigator Award. For further details please look at www.ukdd.de/fetoneoSymposium.

Neonatal Hands-on Courses

Saturday, 16th of March 2024

Use the chance to learn more about delivery room management. In small groups you have the unique chance to train your skills and discuss management with distinguished experts.

If you are interested, please register at: sabine.resch@ukdd.de.

Further information will be regularly updated and can be found at www.ukdd.de/fetoneoZentrum.

Final Programme

THE FUTURE OF FETO-NEONATAL HEALTH

Thursday, 14th of March

(Time is given as Central European Time)

09.00 am

Welcome to the 15th Dresden Symposium

Host (Mario Rüdiger); Co-Organizer (Arjan te Pas); ESCNR (Janneke Dekker)

09.15 – 11.00 am

Intra-uterine child and the extra-uterine fetus *(Cahit Birdir/Dresden)*

Distinguished speakers focus on fetoneonatal development and discuss consequences for our care.

09.15 – 09.35 am

GBS - the known and the unknown.
(Boris Kramer)

09.40 – 10.00 am

RSV: vaccinating the pregnant woman to protect the newborn? *(Janine Zöllkau/Jena)*

10.05 – 10.25 am

Chances and limitations of prenatal interventions.
(Cahit Birdir/Dresden)

10.30 – 10.50 am

Why should neonatologists treat the placenta?
(Irwin Reiss/Rotterdam)

11.00 – 11.30 pm

Break and exchange with companies

Use the time to get a coffee and to talk with different companies.

11.30 – 12.45 pm

Current developments in neonatology I

(Irwin Reiss/Rotterdam)
Distinguished speakers will present results and challenges associated with current neonatal treatments.

11.30 – 11.50 pm

Resuscitation of extremely immature infants (22 – 25 weeks) - should we do it to learn how to do it better – or are we toying with babies and families lives? *(Angela Kribs/Köln)*

11.55 – 12.10 pm

Tele-neonatology in Japan.
(Eiji Hirakawa/Kagoshima)

12.15 – 12.30 pm

Neonatal care in the Ukraine.
(Viktoria Petrashenko/Sumy)

12.30 – 01.30 pm

Break and lunch

Use the time to get lunch and have discussions with participants and companies.

01.30 – 02.15 pm

Key note lecture

New insights of the chest.
(Kelly Crossley/Melbourne)

Final Programme

THE FUTURE OF FETO-NEONATAL HEALTH

Thursday, 14th of March

- 02.20 – 3.40 pm** **Asphyxia and Hypoxic Ischemic Encephalopathy**
(Thomas Höhn/Düsseldorf)
Perinatal Asphyxia is still responsible for a major burden of disease in term infants. We will present the current status of therapeutic interventions.
- 02.20 – 02.40 pm** How to manage infants with HIE: an update.
(Thomas Höhn/Düsseldorf)
- 02.45 – 03.00 pm** Report from the German Hypothermia Network.
(Hemmen Sabir/Bonn)
- 03.05 – 03.20 pm** Cooling – how to empower parents?
(Mandy Daly & Boris Kramer)
- 03.25 – 03.40 pm** Cardiovascular support in cool(ed) babies: a hot area for improvement? *(Christoph Schwarz/Heidelberg)*
- 03.40 – 04.00 pm** **Break**
Use the time to get a coffee and talk with other participants and different companies.
- 04.00 – 05.30 pm** **Current developments in neonatology II**
(Marius Möbius/Dresden)
Distinguished speakers will present results and challenges associated with current neonatal treatments.
- 04.00 – 04.25 pm** Feeding own mothers milk starts in the delivery room. *(Katharina Schmitz/Mainz)*
- 04.30 – 04.55 pm** PDA – to treat or not to treat?
(Willem de Boode/Nijmegen)
- 05.00 – 05.10 pm** Lung ultrasound as a tool of the diagnosis and management of meconium aspiration syndrome.
(Anastasiya Babintseva/Chernivtsi)
- 05.15 – 05.25 pm** Determination of etiologic cause of early-onset neonatal sepsis in Uzbekistan with further implementation of sepsis calculator.
(Umida Nasirova/Tashkent)
- 05.30 – 05.45 pm** **The Roland-R-Wauer Award** *(Peter Bartmann)*
In memoriam of Professor Wauer the Roland-R-Wauer Award supports medical students to visit neonatal units throughout Europe to help experience first class neonatal research. The award is supported by the Deutsche Stiftung Kranke Neugeborene (DSKN).
- 05.45 pm** **Meet neonatal experts in private**
As in previous years, you will have the chance to meet the experts.

Final Programme

DELIVERY ROOM MANAGEMENT

Friday, 15th of March

(Time is given as Central European Time)

- 09.00 – 10.05 am** **Current studies on DR-management**
(Arjan te Pas/Leiden)
Distinguished speakers present data of recent clinical trials.
- 09.05 – 09.15 am** Optimal nasotracheal tube position in term and preterm neonates. *(Susanne Tippmann/Mainz)*
- 09.20 – 09.30 am** Videolaryngoscopy for intubation: the VODE trial. *(Lucy Geraghty/Dublin)*
- 09.35 – 09.45 am** The ROSA-trial. *(Caitríona Ní Chathasaigh/Dublin)*
- 09.50 – 10.00 am** SideEntry-study. *(Maxi Kaufmann/Dresden)*
- 10.05 – 11.00 am** **Young Investigator Award** *(Laila Springer & Janneke Dekker)*
Six junior scientist present their research in 5 minutes and discuss it with participants. Participants chose the best presentation and the most fascinating topic.
- 11.00 – 11.30 am** **Break and exchange with companies**
Use the time to get a coffee and to discuss presentations with other participants and different companies.
- 11.30 – 12.00 am** **Key Note Lecture**
What to do with cord-clamping?
(Ronny Knol/Rotterdam)
- 12.00 – 01.00 pm** **Best clinical practice** *(Arjan te Pas/Leiden)*
- 12.00 – 12.15 am** Bringing Newborn Assessment into the 21st Century: How and Why? *(Henry Rozycki/Richmond)*
- 12.20 – 12.35 am** Surfactant-Therapy in the Delivery Room – What are the data? *(Boris Kramer/Poznan)*
- 12.40 – 12.50 am** Mode of surfactant administration – discussion of different approaches.
(Charles Christoph Roehr/Oxford)
- 12.55 – 01.50 pm** **Break and lunch**
Use the time to get lunch and to discuss presentations with other participants and different companies.

Final Programme

DELIVERY ROOM MANAGEMENT

Friday, 15th of March

- 01.50 – 03.00 pm** **Virtual education** (*Michael Wagner/Vienna*)
Training is crucial to improve neonatal resuscitation skills; speakers summarize on current techniques.
- 01.50 – 02.05 pm** Telemedicine – the future of neonatal resuscitation?
(*Mario Rüdiger/Dresden*)
- 02.10 – 02.25 pm** Multi-Center Videodebriefing.
(*Hannah Schwarz/Vienna; Veerle Heesters/Leiden*)
- 02.30 – 02.45 pm** Neonatal Virtual Reality Training.
(*Mia Kahvo/Bristol; Andrea Lietz/Vienna*)
- 02.50 – 3.40 pm** **Technical achievements** (*Berndt Urllesberger/Graz*)
Technical equipment could help to improve DR-management; current developments are presented.
- 02.50 – 03.05 pm** Pulsatile cerebral NIRS: Monitoring of heart rate using the cerebral pulse wave during neonatal transition of newborns.
(*Nariae Baik-Schneditz/Graz*)
- 03.10 – 03.25 pm** Changes in cerebral blood volume during neonatal transition: t-NIRS opens new monitoring opportunities. (*Bernhard Schwaberger/Graz*)
- 03.30 – 04.00 pm** **Break and exchange with companies**
Use the final break to discuss presentations with other participants and different companies.
- 04.00 – 06.00 pm** **What do we do in the Delivery Room?** (*C. C. Roehr*)
Experts discuss different perspectives of an optimal DR-management.
- 04.00 – 04.10 pm** Young investigator award (*Janneke Dekker & Laila Springer*)
- 04.15 – 04.30 pm** Skin to skin in the deliveryroom?
(*Florian Cassel/Rotterdam*)
- 04.35 – 05.20 pm** *Delivery Room of the future – Pro & Con-Discussion*
The sky is the limit (*Don Sharkey/Nottingham*) vs.
Back to Basics. (*Colm O'Donnell/Dublin*)
- 05.20 – 06.00 pm** Video Discussion
(*Helmut Küster/Göttingen*)

Final Programme

NEONATAL HANDS-ON COURSES

Saturday, 16th of March

Dear friends and colleagues,

It is a great pleasure to invite you to another edition of the Course-Saturday. Despite the challenges of the current times, we are proud to offer you a great selection of courses pertinent to optimal perinatal management and quality improvement.

You will find the detailed program below. As always, we are interested to provide the opportunity for intensive discussions. Therefore, we restrict the number of participants to 12 per course. There will be a participation fee of 40 Euro. All participants please need to register with Sabine.Resch@ukdd.de.

We are looking forward to seeing you in March 2024 in Dresden.



Mario Rüdiger



Arjan te Pas



Janneke Dekker

09.00 – 10.30 am First Session

- How to manage an extremely preterm infant in the Delivery Room?
- Hands on: Tele-Resuscitation.
- Skin to skin contact in DR even for the smallest: how to achieve?
- Decision-support in the Delivery Room.
- How to ventilate „difficult“ lungs?

10.45 – 11.00 am Coffee Break

You will have the chance to chat with other participants in the break.

11.00 – 12.30 pm Second session

- How to manage an extremely preterm infant in the Delivery Room?
- Hands on: Tele-Resuscitation.
- Skin to skin contact in DR even for the smallest: how to achieve?
- Decision-support in the Delivery Room.
- How to ventilate „difficult“ lungs?

Final Programme

NEONATAL HANDS-ON COURSES

Saturday, 16th of March

How to manage an extremely preterm infant in the Delivery Room?

(Lars Mense / Dresden)

At birth, extremely preterm infants require specialized support of their transition into ex-utero life. A gentle approach of delivery room management has been established locally through the last decade. Techniques, policies, data and experiences will be discussed and patient cases simulated in this workshop.

Hands on: Tele-Resuscitation.

(Azadeh Gharehzadehshirazi/Dresden; ALLM EMEA GmbH)

Delivery room management is crucial to provide an optimal start into neonatal life. Telemedicine can help improve neonatal resuscitation where no neonatologist is available. In this course we will provide a hands on to Tele-Resuscitation discussing technical solutions and providing a simulation-based training.

Skin to skin contact in DR even for the smallest: how to achieve? (NN)

Delivery room management is crucial to provide an optimal start into neonatal life. Improving team performance will help to prevent mortality and morbidity in a high-risk population. You will see and discuss how simulation helps to improve team performance in the Delivery Room.

Decision-support in the Delivery Room.

(Dr. Tim Antonius)

How can a Clinical Decision Support System improve outcomes and reduces mistakes during Newborn Life Support procedures? During this 'hands-on' workshop, Tim Antonius, Neonatologist of Radboud University Hospital in Nijmegen, The Netherlands, will show what a Clinical Decision Support System can bring for your delivery room management. Optimize focus, aiming to reach the gold standard in Newborn Life Support comfortable.

How to ventilate "difficult" lungs?

(Christoph Schwarz)

By using a highly sophisticated neonatal lung model participants learn how to ventilate the neonatal lung. Different clinical scenarios are presented and participants will have the chance to train their skills of mechanical ventilation. Experts will discuss different strategies of optimal ventilation.
