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***Announcement***

***There have been major advances in neuro-imaging and brain monitoring in high risk newborns. To share knowledge, the neonatal neurology group in Utrecht has the pleasure to welcome you for the fourth time to a two day MRI course ‘from basics to bedside’. We have the privilege to do this in collaboration with several European experts in the field. There is also an opportunity to present your own clinical work. The two day course will be held in the University Medical Center Utrecht. We will be delighted to see you in Utrecht in April 2019.***

***Manon Benders***

***Floris Groenendaal***

***Jeroen Dudink***

***Linda de Vries***

   

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***‘MRI of the neonatal brain’***

**A two day course of neonatal brain imaging, followed by a morning of 2 workshops on 3rd-5th of April 2019**

**Organization**: Department of Neonatology, UMC Utrecht/Wilhelmina Children’s Hospital, The Netherlands

<https://www.hetwkz.nl/neonatalmri>

**Contact:**

- email: neonatology@umcutrecht.nl

- phone: +31 88 7554545

- fax: +31 88 7555320

**Registration:**

[MRI of the neonatal brain](https://www.hetwkz.nl/nl/Opleidingen/Cursussen%2C-congressen-en-symposia/MRI-of-the-neonatal-brainhttps%3A/www.hetwkz.nl/nl/Opleidingen/Cursussen%2C-congressen-en-symposia/MRI-of-the-neonatal-brain)

Registration will be accepted until March 25. Registration will be handled by order of receipt of payment.

**Fees:**

€ 450,- two days course (3-4 April)

€ 75, - workshops (5April)

Residents in paediatrics and PhD students:

€225,- two days course (3-4 April) Student proof is needed and will be asked for.

€ 75, - workshops (5 April)

**Payment can be made to:**

Stichting Neonatale Neurologie Utrecht te Houten Rek.nr: 69.92.09.005

BIC: FVLBNL22

IBAN: NL75FVLB0699209005

Please mention: MRI in the neonatal brain, April 2019

**Presentations:**

There will only be oral presentations, no poster presentations are accepted. The organization will make its choice among the submissions for the free presentations.

**Abstracts:**

Abstracts (one page, calibri 11) can be sent to neonatology@umcutrecht.nl before 15th March 2019.

Abstract books will be available at registration.

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**Programme *Wednesday 3rd -April 2019***

9.00 - 9.30 h Registration and coffee

*Chair Manon Benders*

 9.30 - 10.00 h Maarten Lequin: Standard MRI techniques

10.00 - 10.30 h Gerda van Wezel-Meijler: Normal brain development

10.30 - 11.00 h Gregor Kasprian: Fetal MRI of abnormal brain development

11.00 - 11.30 h Coffee

*Chair Floris Groenendaal*

11.30 - 12.00 h Jeroen Dudink: Quantifying the neonatal brain

12.00 - 12.30 h Jessica Dubois: Normal brain development using quantitative techniques

12.30 - 13.00 h Serena Counsell: DTI in the preterm brain: correlations with early outcome

13.00 - 14.00 h Lunch

*Chair Jeroen Dudink*

14.00 - 14.30 h Manon Benders: White matter injury in the preterm brain

14.30 - 15.00 h Linda de Vries: haemorrhage in the preterm brain

15.00 - 15.30 h Sylke Steggerda: cerebellar haemorrhages and outcome

15.30 - 16.00 h Tea

*Chair: Sylke Steggerda*

16.00 - 16.30 h Manon Benders: Use of MRI as biomarker of neurodevelopment

16.30 – 17.00 h Alexander Leeman: DTI

17.00 - 17.30 h Petra Huppi: longitudinal imaging in preterm infants

**Dinner in town 19.00**



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***Thursday 4th-April 2019***

*Chair: Gerda van Wezel-Meijler:*

8.30 - 9.15 h Floris Groenendaal: MRI and MRS in the full-term infant with perinatal asphyxia

9.15 - 9.45 h Jeroen Dudink: Perinatal stroke

9.45 - 10.15 h Dominico Tortora: Perfusion based imaging

10.15 - 10.45 h Coffee

*Chair: Manon Benders*

10.45 - 12.00 h 4 free presentations

12.00 - 12.30 h Domenico Tortora: MRI and metabolic disorders

12.30 - 13.00 h Linda de Vries: MRI changes after perinatal infections

13.00 - 14.00 h Lunch

*Chair Linda de Vries*

14.00 - 14.30 h Jeroen Vermeulen: Migrational disorders

14.30 - 15.00 h Luca Ramenghi: Sinovenous thrombosis

15.00 - 15.30 h Tea

*Chair Jeroen Vermeulen*

15.30 - 16.00 h Martijn van den Heuvel: Resting state fMRI

16.00 - 16.30 h Chiara Nosarti: preterm babies grown up: functional MR findings

16.30 h end



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***Satellite workshops (choose 2 out of 3)***

***Friday 5th April 2019***

UMC Utrecht

 9.00 - 10.30 h workshop 1

10.30 - 11.00 h change location and coffee

11.00 - 12.30 h workshop 2

**Workshop subjects:**

* **Amplitude-integrated EEG in the neonate**

 *Mona Toet and Maria-Luisa Tataranno*

* **Near-infrared spectroscopy: a clinical perspective**

*Frank van Bel and Petra Lemmers*

* **DTI workshop**

*Alexander Leemans and Jeroen Dudink*

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**General information:**

[**https://www.hetwkz.nl/neonatalmri**](https://www.hetwkz.nl/neonatalmri)

**Symposium Language:**

English

**Accreditation NVK:** is pending

**Accreditation NVN:** is pending

**Accredidation NVvR:** is pending

**Location course**:

Q building, University Medical Center, Utrecht, The Netherlands (3-5th April 2019)

Food and drinks are included, dietary wishes can be sent to the above email address. Hotel bookings:

http://www.hampshire-hotels.com/en/malie-hotel-utrecht-hampshire-classic http://www.apollohotelsresorts.com/

Mother Goose hotel

Court hotel

Eye hotel

Malie Hotel

Museumkwartier Hotel

