



## Neonatal Stroke

### Symposium 21-11-2008

Blauwe collegezaal  
University Medical Center Utrecht

Perinatal Center



University Medical Center  
Utrecht

Neonatal neurology is becoming an increasingly important part of modern neonatal intensive care, with rapid advances with regard to diagnosis, prognosis and therapeutic intervention. The increased understanding of etiology and pathogenesis concerning hemorrhagic and ischemic brain lesions in preterm and full term infants gives rise to the development of more specific therapies.

The Perinatal Center of the University Medical Center Utrecht has a special research interest in acquired neonatal neurological disorders and the expertise in this field is rapidly increasing. This affects both medical as well as nursing care. As certain neonatal neurological disorders require immediate specialised medical and nursing care and intervention, we recently decided to open a "Neonatal Stroke Unit".

In order to celebrate this important step, we organise this one day "symposium", which has a focus on several aspects of neonatal stroke. Neonatal stroke occurs in at least 1 per 4000 live births. Early diagnosis is important and can help in early and precise prediction of neurodevelopmental outcome. New and specific interventions are emerging both in the neonatal period as well as in infancy and early childhood.

Linda de Vries   Floris Groenendaal   Frank van Bel

**Accreditation by the Paediatric Association of The Netherlands is pending**

#### Information:

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#### Registration:

Please use the attached registration card and fill it out completely.

The registrations will be handled by order of receipt. Registration is definite after payment of the fee.

#### Costs:

The costs for this event are € 125,- for medical specialists, € 75,- for nursing staff, physician assistants, nurse practitioners, midwives and students.

Payment of the subscription fee can be made to:

**Stichting Neonatale Neurologie, Houten, The Netherlands**

**Account no.: 69.92.09.005**

**Please mention:**

**"registration fee symposium 21-11-2008"**

**SWIFT: FVLBNL22**

**IBAN: NL75FVLB0699209005**

Because of the limited (paid) parking possibilities near the Wilhelmina Children's Hospital, we advise you to travel by public transport. Parking fees will not be reimbursed.

## Reply card

Send this card to:

University Medical Center Utrecht-  
Wilhelmina Children's Hospital  
Perinatal Center, KE.04.123.1  
P.O. Box 85090  
3508 AB Utrecht  
The Netherlands



Perinatal Center

University Medical Center  
Utrecht

## PARTICIPANTS

Frank van Bel  
Manon Benders  
Floris Groenendaal  
**Perinatal Center, University Medical Center,  
Utrecht, NL**

Onno van Nieuwenhuizen  
Mona Toet  
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Hammersmith Hospital  
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**Erasmus Medical Center  
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Ulrike Nowak-Göttl  
**Westfälische  
Wilhelms-Universität  
Münster, GER**

Luca Ramenghi  
**University of Milan,  
Milan, IT**

## Registration Form

*“Neonatal Stroke”*

Name \_\_\_\_\_ m/f

E-mail \_\_\_\_\_

Home Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tel. no.: \_\_\_\_\_

Function \_\_\_\_\_

At \_\_\_\_\_

## PROGRAM

### *Neonatal Stroke*

**9.00** Registration  
Coffee and tea

**9.30**

Welcome

Frank van Bel

**Chair: Frank van Bel**

**9.35-10.00**

Introduction to Neonatal Stroke

Linda de Vries

**10.00-10.30**

Epidemiology of Neonatal Stroke

Frances Cowan

**10.30-11.00**

What can we learn from placental examinations

Peter Nikkels

**11.00-11.30** Coffee and tea

**Chair: Onno van Nieuwenhuizen**

**11.30-12.00**

Neuro-Imaging in Neonatal Stroke

Paul Govaert

**12.00-12.30**

Stroke in the preterm infant

Manon Benders

**12.30 Official opening of the Neonatal Stroke Unit**

**12.40-13.30** Lunch

**Chair: Frances Cowan**

**13.30-14.00**

Impact of thrombophilia on neonatal stroke and cerebral  
sinus thrombosis

Ulrike Nowak-Göttl

**14.00-14.30**

Sinovenous Thrombosis

Luca Ramenghi

**14.30-15.00**

aEEG in Unilateral Brain Lesions

Mona Toet

**15.00-15.30** Tea Break

## PROGRAM & SPONSORS

**Chair: Floris Groenendaal**

**15.30-16.00**

New brain imaging techniques following neonatal stroke  
Andrea Guzzetta

**16.00-16.30**

Therapy of Neonatal Stroke: evidence from experimental  
studies

Frank van Bel

**16.30-17.00**

Restraint Therapy in unilateral brain lesions

Stella de Bode

**17.00**

Closing Remarks

Floris Groenendaal

**17.05**

**Drinks**