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10 & 11 March 2016 ANNOUNCEMENT

Update@
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Epilepsy | Sleep | Neurocognition

18th annual international clinical
symposium Kempenhaeghe



Kempenhaeghe



Maastricht UMC+



Diagnostic and
Therapeutic Advances



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Epilepsy | Sleep | Neurocognition

**18th annual international clinical
symposium Kempenhaeghe**

Dear colleagues,

The 18th edition of the annual international clinical symposium 'Update@Kempenhaeghe.nl' will take place on Thursday 10 March and Friday 11 March 2016 in Heeze, The Netherlands. Over the past decades this symposium has become a major international scientific event in the Low Countries, hosting over 650 delegates. This year the focus will be on diagnostic and therapeutic advances.

During state-of-the-art main sessions, workshops and parallel sessions, recent progress in the diagnosis and treatment of epilepsy, sleep disorders and neurocognition will be discussed.

A distinguished national and international faculty guarantees a high quality of presentations and content covering best clinical practice, results of the latest scientific research and illustrative cases.

The main sponsor of the symposium is UCB Pharma.

The parallel sessions of the sleep update, that are traditionally organized by BASS and NSWO, are now being expanded with a third session on technology in sleep medicine.

On behalf of the scientific and organizing committee we warmly invite you to the 18th annual international clinical symposium 'Update@Kempenhaeghe.nl' and hope to personally welcoming you at Kempenhaeghe.

With best regards,



prof. dr. Paul Boon

director of Research & Development
Kempenhaeghe
professor of neurology
Ghent University Hospital



prof. dr. Bert Aldenkamp

secretary of Research & Development
Kempenhaeghe
professor of epilepsy and neuropsychology
Maastricht University Medical Center
professor of cognition and imaging in epilepsy
Eindhoven University of Technology

SCIENTIFIC COMMITTEE

Sandra van Abeelen
prof. dr. Bert Aldenkamp
prof. dr. Johan Arends
prof. dr. ir. Jan Bergmans

prof. dr. Paul Boon
dr. Laura Gottmer - Welschen
Annick Laridon
dr. Anton de Louw

prof. dr. Robert van Oostenbrugge
prof. dr. Dirk Pevemagie

Main Sessions Epilepsy & Sleep

09.00 - 09.30 WELCOME AND REGISTRATION

MAIN SESSION EPILEPSY

09.30 - 12.30 AGEING AND EPILEPSY
Chairs: prof. dr. Paul Boon, prof. dr. Bert Aldenkamp

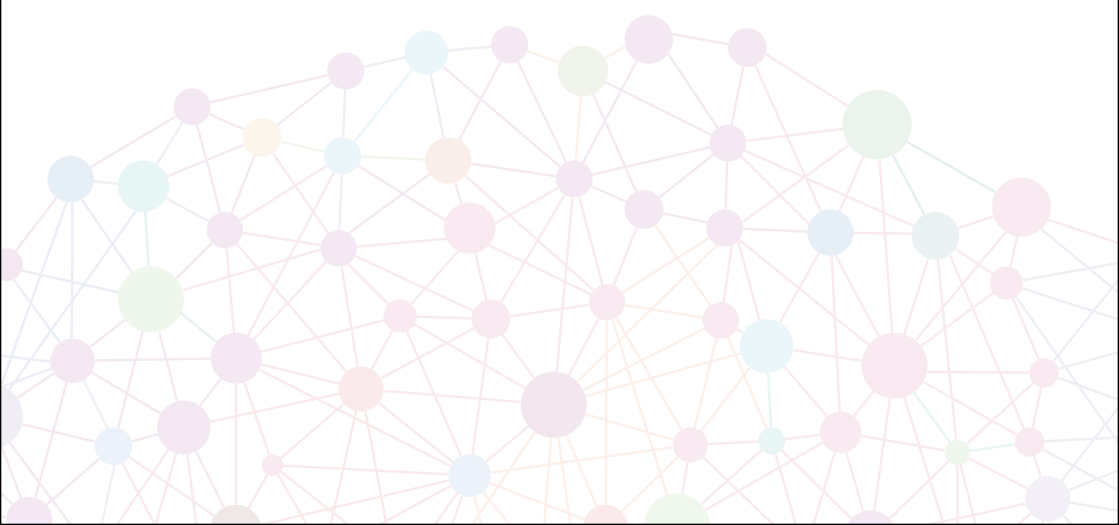
Cognitive decline in adult epilepsy	prof. dr. Bruce Hermann
Accelerated cognitive ageing in adult epilepsy	prof. dr. Bert Aldenkamp
Is neurostimulation a potential cognitive modulator in epilepsy?	prof. dr. Kristl Vonck
Brain on a chip: a model for brain disease	dr. ir. Regina Lutgge

12.30 - 14.30 LUNCH AT HEEZE CASTLE

MAIN SESSION SLEEP

14.30 - 16.30 PROGRESS IN SLEEP MEDICINE
Chairs: prof. dr. Dirk Pevernagie, dr. Sebastiaan Overeem

Narcolepsy and REM-sleep behaviour disorder	prof. dr. Karel Sonka
Is cognitive behavioural therapy of insomnia ready for online application?	dr. Annemarie Luik
The relevance of jaw movements in sleep-disordered breathing	prof. dr. Robert Poirrier
Sleeping beauties with special needs	dr. Sigrid Pillen



Parallel Sessions Epilepsy

PARALLEL SESSION 1 EPILEPSY

14.30 - 16.30

TRANSITION

Chairs: dr. Anton de Louw, dr. Laura Gottmer - Welschen

Why does transition in care deserve our special attention?	dr. AnneLoes van Staa
Risks of transition for adolescents with epilepsy	Rianne Geerlings
Changes in education and social support for adolescents with epilepsy	John van de Corput, Renée Dabekaussen - Spiering
Epilepsy treatment from a patient perspective: the transition clinic	dr. Anton de Louw

PARALLEL SESSION 2 EPILEPSY

14.30 - 16.30

NEUROIMAGING AND NEUROSTIMULATION

Chairs: prof. dr. ir. Jan Bergmans, prof. dr. Paul Boon

Effects of vagal nerve stimulation on cognition	dr. ir. René Besseling
Transcutaneous vagal nerve stimulation (tVNS); clinical experience	prof. dr. Veerle De Herdt
Transcranial magnetic stimulation; effects on depression and cognition	prof. dr. Chris Baeken
Explaining the variability of transcranial magnetic stimulation responses by simulations	dr. ir. Nele de Geeter
fMRI neurofeedback, a promising tool for the elderly patient?	dr. ir. Rolf Lammerichs

PARALLEL SESSION 3 EPILEPSY

14.30 - 16.30

IS IT EPILEPSY? DIAGNOSTIC DILEMMAS IN MENTALLY RETARDED PATIENTS

Video sessions

Chairs: prof. dr. Marian Majoie, dr. Saskia Ebus

Stereotypical movements	Bert ter Mors, Brechtje Smulders
Diagnostic challenges and choices	prof. dr. Johan Arends
Paroxysmal behaviours	Monique Veendrick, Willeke van Blarikom
Sleep disturbances	Nele Vandenbussche

PARALLEL SESSION 4 EPILEPSY

14.30 - 16.30

BASIC AND TRANSLATIONAL RESEARCH IN EPILEPSY

In cooperation with the Sectie Wetenschappelijk Onderzoek (SWO) of the Dutch League against Epilepsy

Chairs: dr. Rob Rouhl, prof. dr. Stefanie Dedeurwaerdere

Targets and biomarkers of antiepileptogenesis	dr. Erwin van Vliet
Role of micro-RNAs in altered gene expression in mTLE	dr. Vamshi Vangoor
Long term, prospective study evaluating clinical and molecular biomarkers of epileptogenesis in a genetic model of epilepsy; tuberous sclerosis complex	prof. dr. Anna Janssen
miR-146a based therapy against neuroinflammation has anti-ictogenic and disease modifying effects in murine models of seizures and epilepsy	Valentina Lori

PARALLEL SESSION 5 EPILEPSY

14.30 - 16.30

ANTIEPILEPTIC DRUGS

Chairs: dr. Emmeke Wammes, dr. Christian Vader

Personalized drug treatment in the era of new antiepileptic drugs	dr. Cees van Donselaar
Antiepileptic drugs and women's issues	dr. Marielle Vlooswijk
Antiepileptic drugs and osteoporosis	dr. Kim Beerhorst
Antiepileptic drugs and cognitive outcome	Dominique IJff

FRIDAY 11 MARCH 2016

Parallel Sessions Sleep

09.00 - 09.30 WELCOME AND REGISTRATION

PARALLEL SESSION 1 SLEEP

09.30 - 12.30 CLINICAL RESEARCH ORGANIZED BY BASS

Chairs: prof. dr. Robert Poirrier, dr. Els Møst

Functional respiratory imaging in pediatric OSAS	dr. Monique Slaats
Influence of hypoxemia versus sleep fragmentation on neuropsychological function in OSAS	Carole Platteau
Impact of non-invasive ventilation on sleep architecture in ALS	Bart Vrijsen
CPAP therapy in children with OSA	Caroline Haggenmacher
Online versus face-to-face cognitive behavioural therapy for insomnia	dr. Jaap Lancée

PARALLEL SESSION 2 SLEEP

09.30 - 12.30 BASIC RESEARCH ORGANIZED BY NSW0

Chairs: dr. Peter Meerlo, prof. dr. Elke De Valck

Impact of sleep timing and school schedules on school attendance and performance	Giulia Zerbini
Dealing with shift work and performance	prof. dr. Elke De Valck
The molecular mechanisms underlying sleep-related memory formation	dr. Robert Havekes
The Leeds food preference questionnaire after mild sleep restriction	dr. Cathalijn Leenaars
Is sleep disruption stressful?	dr. Peter Meerlo

PARALLEL SESSION 3 SLEEP

09.30 - 12.30 TECHNOLOGY IN SLEEP MEDICINE

Chairs: dr. Sebastiaan Overeem, prof. dr. Loe Feijs

The virtual sleep coach	dr. Robbert Jan Beun
Skin deep: body temperature and sleep	prof. dr. Eus van Someren
Vision - based analysis of sleep in Parkinson's disease	Broni Abramiuc
Heart rate analysis for sleep detection	prof. dr. ir. Ronald Aarts
Long term symptom monitoring in narcolepsy	Jan de Wit

12.30 - 14.30 LUNCH AT HEEZE CASTLE



FRIDAY 11 MARCH 2016

Parallel Session Neurocognition

09.00 - 09.30 WELCOME AND REGISTRATION

PARALLEL SESSION 1 NEUROCOGNITION

09.30 - 12.30 **COGNITION AND BEHAVIOUR IN CHILDREN WITH NEUROLOGICAL DISORDERS:
WHERE NEUROLOGY MEETS PSYCHIATRY**

Chairs: Annick Laridon, Sandra van Abeelen

Neurological disorders in relation to comorbid psychiatric diagnosis	Annick Laridon
Psychiatric disorders in children with NF type 1	prof. dr. Annick Vogels
Neurocognition in the population of children with NF type 1	Sandra van Abeelen
MRI study Duchenne	Nathalie Doorenweerd
Neurocognition (and psychiatric disorders) in boys with Duchenne	dr. Jos Hendriksen

12.30 - 14.30 LUNCH AT HEEZE CASTLE

Innovation session: Pitches on technology and medicine

Register separately

09.00 - 09.30 **WELCOME AND REGISTRATION**

09.30 - 12.00 **Chairs:** prof. dr. ir. Jan Bergmans, Marieke van Beurden

Our young talents and representatives of the industry will interact on topics for innovation in epilepsy, sleep and neurocognition. For further information about the programme and registration please check www.kempenhaeghe.nl

12.00 - 13.00 **LUNCH AND INTERACTIVE EXHIBITION**

Advanced Epilepsy Course

Register separately; only open for academic professionals

12.00 - 13.00 **WELCOME AND REGISTRATION (including lunch buffet)**

13.00 - 14.00 **ON-SITE VISIT OF KEMPENHAEGHE**

ADVANCED EPILEPSY COURSE

14.30 - 18.00 **INTERNATIONAL COURSE EPILEPSY**

Chairs: prof. dr. Paul Boon, prof. dr. Bert Aldenkamp

Plenary session

Personalized antiepileptic drug treatment	dr. Cees van Donselaar
Management of acute seizures and status epilepticus	prof. dr. Alfred Meurs
Presurgical evaluation and epilepsy surgery	prof. dr. Paul Boon
Cognitive and quality of life outcomes in epilepsy	prof. dr. Bert Aldenkamp

Interactive break - out sessions

Interactive case discussions on polysomnography

Course in Dutch language, register separately, limited participation (max.25).

13.00 - 13.30 **WELCOME AND REGISTRATION**

INTERACTIVE CASE DISCUSSIONS ON POLYSOMNOGRAPHY

13.30 - 17.45 **Chair:** Pieter Jan Simons

Inleiding polysomnografie: uitgebreide signaalanalyse

Casus 1 en 2 neurologie

Pauze

Casus 3 en 4 slaapafhankelijke ademhalingsstoornissen

Geavanceerde slaapdiagnostiek: registratie van ademhalingsinspanning



Interactive case discussions on sleep therapy for insomnia

Course in Dutch language, register separately, limited participation (max.15).

13.00 - 13.30 **WELCOME AND REGISTRATION**

INTERACTIVE CASE DISCUSSIONS ON SLEEP THERAPY FOR INSOMNIA

13.30 - 17.15 **Chairs:** dr. Ingrid Verbeek, Marsha Hamers

Verdiepingsthema 1: afbouw slaapmedicatie

Casuïstiek (groepsgewijs en plenair)

Pauze

Verdiepingsthema 2: psychiatrische co-morbiditeit

Casuïstiek (groepsgewijs en plenair)

Afsluiting, take home messages

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18th annual international clinical
symposium Kempenhaeghe

Registration only at www.kempenhaeghe.nl

Please register for participation in the symposium 'Update@Kempenhaeghe.nl' at Kempenhaeghe's website www.kempenhaeghe.nl.

On the website you will find further directions.

First you will need to fill out the requested information, then you may choose between the different sessions.

Costs

Participation in the main and parallel sessions on Friday 11 March 2016 is free.

The fee for participants to the Advanced Epilepsy Course on Thursday 10 March 2016 is € 500,-.

The fee for participants to the interactive case discussions on polysomnography or on sleep therapy for insomnia on Thursday 10 March 2016 is € 75,-.

Accreditation

Accreditation from the Dutch and Belgian neurological accreditation committees and from the societies of physicians for persons with intellectual disabilities (ABC 1), pulmonologists, ENT-physicians, pediatricians, neurosurgeons, clinical neuropsychologists and nurse practitioners has been requested.

Poster session

A poster session will be organized. You can find information and instructions at www.kempenhaeghe.nl

Venue

The symposium 'Update@Kempenhaeghe.nl' will take place at Kempenhaeghe, Sterkselseweg 65, Heeze, The Netherlands, where you will find parking space.

If you travel by public transport, you can use Kempenhaeghe's taxi shuttle service at Heeze railway station.

If you have any questions, please contact the communication department of Kempenhaeghe at telephone +31(0) 40 227 92 82 or e-mail Update@Kempenhaeghe.nl

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Faculty

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Sandra van Abeelen
Broni Abramciuc
prof. dr. Bert Aldenkamp

prof. dr. Johan Arends
prof. dr. Chris Baeken
dr. Kim Beerhorst
prof. dr. ir. Jan Barmans
dr. ir. René Besseling
dr. Robbert Jan Beun
Marieke van Beurden
Willeke van Blarikom
prof. dr. Paul Boon

John van de Corput
Renée Dabekaussen-Spieren
dr. Cees van Donselaar
Nathalie Doorenweerd
dr. Saskia Ebus
prof. dr. Loe Feijis
Rianne Geerlings
dr. ir. Nele de Geeter
dr. Laura Gottmer - Welschen
Caroline Haggenmacher
Marsha Hamers
dr. Robert Havekes
dr. Jos Hendriksen
prof. dr. Veele De Herdt
prof. dr. Bruce Hermann

Dominique IJff
prof. dr. Anna Janssen
dr. ir. Rolf Lammerichs
prof. dr. Jaap Lancée
Annick Laridon

dr. Cathalijn Leenaars
Valentina Lori

dr. Anton de Louw
Annamarie Luijk
dr. ir. Regina Luttje
prof. dr. Marian Majoie
dr. Peter Meerlo
Prof. dr. Alfred Meurs
Bert ter Mors
dr. Els Most
dr. Sebastiaan Overeem
prof. dr. Dirk Pevernagie
dr. Sigrid Pillen
Carole Platteau
prof. dr. Robert Poirier
dr. Rob Rouhl
Pieter Jan Simons
dr. Monique Slaats
Brechtje Smulders
prof. dr. Eus van Someren
prof. dr. Karel Sonka
dr. AnneLoes van Staa
dr. Christian Vader
prof. dr. Elke De Valk
Nele Vandenbussche
dr. Vamsht Vangoor
Monique Veendrick
dr. Ingrid Verbeek
dr. Erwin van Vliet
dr. Mariëlle Vlooswijk
prof. dr. Annick Vogels
prof. dr. Kristl Vonck
Bart Vrijssen
dr. Emmke Wammes
Jan de Wit
Giulia Zerbin

Eindhoven University of Technology/ Philips Research Eindhoven
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