



2017

22 & 23 & 24 March 2017 ANNOUNCEMENT

 Kempenhaeghe

 Maastricht UMC+

Update@

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Epilepsy | Sleep | Neurocognition

19th annual international clinical
symposium Kempenhaeghe



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Dear colleagues,

The 19th edition of the annual international clinical symposium 'Update@Kempenhaeghe.nl' will take place on Wednesday 22 March, Thursday 23 March and Friday 24 March 2017 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 NSW0, 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 19th 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

prof. dr. Bert Aldenkamp
prof. dr. Johan Arends
prof. dr. Paul Boon
dr. Laura Gottmer - Welschen

dr. Jos Hendriksen
dr. Anton de Louw
prof. dr. Marian Majoie
dr. ir. Rob Mestrom

prof. dr. Robert van Oostenbrugge
prof. dr. Dirk Pevrnagie
Lia de Ruijter MBA

FRIDAY 24 MARCH 2017

09.00 - 09.30 WELCOME AND REGISTRATION

09.30 - 12.30 **MAIN SESSION EPILEPSY**

CURRENT AND NEW THERAPEUTIC SOLUTIONS FOR EPILEPSY PATIENTS

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

The new epilepsy classification and its therapeutic consequences	prof. dr. Emilio Perucca
Smart therapeutic solutions beyond medication	prof. dr. Andreas Schulze-Bonhage
New antiepileptic drugs in late development	prof. dr. Meir Bialer
Current rational antiepileptic drug mono- and polytherapy	prof. dr. Tony Marson

12.30 - 14.30 LUNCH AT HEEZE CASTLE

14.30 - 16.30 **PARALLEL SESSION 1 EPILEPSY**

DRUG THERAPY

Chairs: dr. Emmeke Wammes - van der Heijden, dr. Christian Vader

The session is focused on clinicians. For three newer antiepileptic drugs we are attempting to answer:

- When is it necessary to choose for a new antiepileptic drug?
- What are the selecting options?
- What is the efficacy and tolerability profile?
- What is important to monitor in clinical practice?

Perampanel	prof. dr. Bernard Steinhoff
Brivaracetam	dr. Rob Rouhl
Lacosamide	dr. Judith Sie
Conclusions and discussion	dr. Emmeke Wammes – van der Heijden, dr. Christian Vader

14.30 - 16.30 **PARALLEL SESSION 2 EPILEPSY**

DE NIEUWE CLASSIFICATIE; AANVALSBEELDEN EN DIAGNOSTISCHE DILEMMA'S

Video sessie

Chairs: prof. dr. Marian Majoie, dr. Anton de Louw

Patiënt met epilepsie en verstandelijke beperking	dr. Charlotte van Asch
Classificeren van kinderepilepsie	dr. Floor Janssen
Epilepsie en comorbiditeit	dr. Joost Nicolai
Chirurgie of niet?	prof. dr. Alfred Meurs
Expert panel: Monique Veendrick, Willeke van Blarikom, dr. Charlotte van Asch, dr. Floor Janssen, dr. Joost Nicolai, prof. dr. Alfred Meurs	

FRIDAY 24 MARCH 2017

14.30 - 16.30 **PARALLEL SESSION 3 EPILEPSY**

GENETIC MECHANISMS OF EPILEPSY SYNDROMES

Chairs: dr. Jurgen Schelhaas, dr. Sarah Weckhuysen

Genetic mechanism of mitochondrial disorders

dr. Maaïke de Vries

Genetic mechanism of Kleefstra syndrome

dr. Tjitske Kleefstra

Genetic mechanism of cortical development disorders

dr. Gracia Mancini

The use of hiPSC technique for the evaluation of genetic mechanisms in epilepsy syndromes

dr. Nael Nadif Kasri

14.30 - 16.30 **PARALLEL SESSION 4 EPILEPSY**

NEW DEVELOPMENTS IN EPILEPSY IN CHILDREN

Chairs: dr. Hilde Braakman, dr. Mariëtte Debeij - van Hall

Treatment of refractory seizures in Dravet syndrome: old drugs, new perspectives?

Medicinal Cannabis

dr. Judith Verhoeven

Fenfluramine

prof. dr. Berten Ceulemans

Less invasive, more effective?: new treatment options in epilepsy surgery

Clinical cases

dr. Daniëlle de Jong

Preliminary results and future perspectives

Louis Wagner

14.30 - 16.30 **PARALLEL SESSION 5 EPILEPSY**

ADVANCED IMAGING IN EPILEPSY AND AGEING

Chairs: dr. Evelien Carrette, dr. ir. René Besseling

Functional and structural MRI in epilepsy and ageing

prof. dr. Eric Achten

Can high field MRI add information in epilepsy and ageing

prof. dr. Paul Hofman

Age-Utility study - The value of a longterm MRI study

dr. Max Keuken

Nuclear imaging via PET-MRI in epilepsy and ageing

prof. dr. Koen Van Laere

14.30 - 16.30 **PARALLEL SESSION 6 EPILEPSY**

CLINICAL DEMAND VERSUS TECHNOLOGICAL OFFER: ARE YOU BEING SERVED?

Chairs: prof. dr. Johan Arends, dr. ir. Rob Mestrom

Lost in translation, challenges in clinical-technical research

dr. ir. René Besseling

What support do we need in epilepsy surgery?

dr. Albert Colon

Optogenetics/chemogenetics as future treatment for epilepsy?

prof. dr. Robrecht Raedt

Seizure detection and SUDEP prevention

dr. Roland Thijs

FRIDAY 24 MARCH 2017

09.00 - 09.30 WELCOME AND REGISTRATION

09:30 - 12:30 PARALLEL SESSION 1 SLEEP

Chairs: prof. dr. Bertien Buyse (BASS), dr. Cathalijn Leenaars (NSWO)

Opto-dialysis studies reveal that local release of acetylcholine within the basal forebrain promotes wakefulness by actions on cortically-projecting non-cholinergic neurons	Janneke Zant
Bedtime procrastination: a behavioral perspective on sleep deprivation	Sanne Nauts
Sleep quality and structure: the impact of real-life light	Emma Wams
Manipulating sleep and memory by EEG guided stimulation	dr. Lucia Talamini
Multimedia use and sleep	Liese Exelmans

09:30 - 12:30 PARALLEL SESSION 2 SLEEP

Chairs: prof. dr. Dries Testelmans (BASS), dr. Annemarie Luik (NSWO)

New insights in the diagnosis, pathophysiology and treatment of sleep-disordered breathing in pediatric obesity	dr. Annelies Van Eyck
Positioning pillow in the treatment of positional sleep related breathing disorders	dr. Johan Newell
Oropharyngeal exercises in obstructive sleep apnea	prof. dr. Gimbada Benny Mwenge
Therapeutic compliance and the impact on symptomatic outcome in patients with chronic fatigue and chronic fatigue syndrome	prof. dr. Dirk Vogelaers
Sleep/wake problems and rhythmicity in bipolar disorder	Stefan Knapen

09:30 - 12:30 PARALLEL SESSION 3 SLEEP

SLEEP & TECHNOLOGY

Chairs: dr. Sebastiaan Overeem, prof. dr. ir. Panos Markopoulos

Advances in home sleep monitoring with PPG	ir. Pedro Fonseca
Soft robotic innovation for the best night of sleep	Julian Jagtenberg
Analysis of snoring sounds in de diagnosis of OSA	dr. ir. Bruno Arsenali
Camera-based vital signs monitoring in infrared	ir. Mark van Gastel
Low intensity small bandwidth light therapy using a headworn device	Toine Schoutens

12.30 - 14.30 LUNCH AT HEEZE CASTLE

FRIDAY 24 MARCH 2017

12.30 - 14.30 LUNCH AT HEEZE CASTLE

14.30 - 16.30 **MAIN SESSION SLEEP**

NEW DEVELOPMENTS IN SLEEP MEDICINE

Chairs: prof. dr. Dirk Pevernagie, dr. Sebastiaan Overeem

The etiology of human narcolepsy

prof. dr. Claudio Bassetti

Impact of pre- and perinatal circadian disturbance on later life health

prof. dr. Bert van der Horst

The role of psychological factors in insomnia

dr. Merijn van de Laar

Assessment of OSA severity in the individual patient

dr. Hennie Janssen

09.00 - 09.30 WELCOME AND REGISTRATION

09:30 - 12:30 **MAIN SESSION NEUROCOGNITION**

BRAIN AND LEARNING

Chairs: dr. Jos Hendriksen, dr. Sylvia Klinkenberg

Neuroplasticity in clinical practice

prof. dr. Onno van Nieuwenhuizen

Much ado about memory

prof. dr. Kees Brunia

DCD: a developmental disorder or a learning disorder?

dr. Reint Geuze

Dyslexia and the brain

prof. dr. Ben Maassen

Dyscalculia/mathematical learning disabilities, brain, assessment and learning/remediation

prof. dr. Annemie Desoete

12.30 - 14.30 LUNCH AT HEEZE CASTLE



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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 24 March 2017 is free.

The fee for participants to the Advanced Epilepsy Course on Thursday 23 March 2017 is € 500,-.

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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dr. Charlotte van Asch
dr.ir. Bruno Arsenali
prof. dr. Claudio Bassetti
prof. dr. Gimbada Benny Mwenge
prof. dr. ir. Jan Bergmans
dr. ir. René Besseling
Marieke van Beurden
prof. dr. Meir Bialer
Willeke van Blarikom
prof. dr. Paul Boon
dr. Hilde Braakman
prof. dr. Kees Brunia
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dr. Evelien Carrette
prof. dr. Bertien Ceulemans
dr. Albert Colon
dr. Mariëtte Debeij - van Hall
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ir. Mark van Gastel
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Monique Veendrick
dr. Judith Verhoeven
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dr. Maaike de Vries
Louis Wagner
dr. Emmeke Wammes - van der Heijden
Emma Wams
dr. Sarah Weckhuizen
Janneke Zant

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