Enhancing seizure control

Friday 25 November 2016
9:00am – 4:00pm
(Registration from 8:30am)

Venue: Edwin Tooth Auditorium
Royal Brisbane and Women’s Hospital Education Centre, Herston

Seventh Annual
Queensland Epilepsy Symposium

Thinking outside the box!

Join us for some stimulating dialogue…

Epilepsy Surgery
Medicinal Cannabis
Managing the impact of epilepsy
Directions for future research in epilepsy

Endorsed by:

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### Friday 25 November 2016

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<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<td>8:30am - 8:55am</td>
<td>Registration</td>
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<td>9:00am</td>
<td>Opening</td>
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<tr>
<td>9:05am</td>
<td><strong>Epilepsy Surgery</strong></td>
<td>How to determine who is a candidate for epilepsy surgery</td>
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<td>David Reutens</td>
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<td>Epilepsy surgery</td>
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<td>A patient's perspective</td>
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<td>Pre and post surgical support</td>
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<td>RBWH comprehensive epilepsy surgical program</td>
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<td>10:45am – 11:15am</td>
<td>Morning Tea</td>
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<td>11:15am</td>
<td><strong>Medicinal Cannabis</strong></td>
<td>Unlocking the therapeutic potential of cannabinoids</td>
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<td>Adult cannabis and cannabinoid trials at the RBWH</td>
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<td>The Lady Cilento Children’s Hospital trial</td>
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<td>1:00pm – 1:45pm</td>
<td>Lunch</td>
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<td><strong>Managing the impact of epilepsy</strong></td>
<td>Four different perspectives about the link between epilepsy and mood</td>
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<td>Life matters – enhancing your seizure control</td>
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<td>Epilepsy and Bone Health</td>
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<td>Metabolic and dietary treatments</td>
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<td>3:30pm</td>
<td>Epilepsy in the life of men</td>
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<td>4:00pm</td>
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Associate Professor Lindy Jeffree studied medicine at the University of Melbourne and Royal Melbourne Hospital before completing her neurosurgical training in NSW and a Fellowship in Paediatric Neurosurgery at the Hôpital Necker Enfants Malades in Paris. Her particular clinical interests are in primary and secondary brain tumours, epilepsy surgery, Chiari malformations, syringomyelia and hydrocephalus. Her early experience with epilepsy surgery was working under Professor Andrew Kaye at the Royal Melbourne Hospital and subsequently with Dr Marianne Vonau at the Prince of Wales Hospital in Sydney. She has been involved with multidisciplinary epilepsy management at RBWH since she started there in 2010.

Professor David Reutens is the Director of Epilepsy Services at the Royal Brisbane and Women’s Hospital and the Director of the Centre for Advanced Imaging. Professor Reutens’ research involves the use of a variety of imaging techniques to study functions such as memory in the healthy brain, the underlying mechanisms of diseases such as epilepsy, and how the brain responds to overcome injury.

Dr. Paul Pun is a consultation liaison psychiatrist with the Princess Alexandra Hospital in Brisbane, who will be taking up the position of neuropsychiatrist with the Statewide Epilepsy Network at the Royal Brisbane Hospital in 2017.

Dr Pun has 17 years of experience as a psychiatrist who works at the interface of medicine and mental health. He has presented and published on his work with medical units in assessments prior to renal transplantation, deep brain stimulation, intracardiac defibrillator placement and hepatitis C treatment, which attests to his interest in the complex psychological and ethical issues which arise with modern medicine and surgery. He is currently the RANZCP Director of Advanced Training in the subspecialty of Consultation-Liaison Psychiatry.

Angela Spencer is the new clinical nurse consultant responsible for epilepsy surgery case coordination in the new RBWH Comprehensive Epilepsy Service. Angela comes from a long nursing history including preoperative nursing at the Mater Children’s hospital with a particular expertise in neurosurgery, scrubbing for one of the first hemispherectomy’s performed by Dr Robert Campbell. She also comes with over ten years neurology experience having worked previously as part of the neurosciences team at the Mater Children’s Hospital, and then the Lady Cilento neurosciences dept. Angela has an interest in mental health nursing and is currently studying for a behavioural sciences degree through Swinburne University Melbourne.

Dr. Kate Thompson graduated from University of Queensland Doctorate of Psychology (Clinical Neuropsychology and Clinical Psychology) in 2010. Employed as psychologist/neuropsychologist for the Gold Coast Hospital and Health Service from 2008-2015. Currently employed as Advanced Clinical Neuropsychologist (locum) for Royal Brisbane and Women’s Hospital providing clinical neuropsychology services to general neurology patients and specialist multidisciplinary clinics including epilepsy, Huntington’s disease and memory disorders.

Associate Professor Cecilie Lander is a clinical neurologist and epileptologist in Brisbane. She trained at the Royal Brisbane Hospital, the Austin Hospital in Melbourne and the University College Hospital in London. Returning to Brisbane in 1979, Cecilie has worked continuously in both private and public neurological practice with particular clinical and research interests in epilepsy. She is a Senior Visiting Neurologist at the Royal Brisbane and Women’s Hospitals and the University of Queensland. Over the last 16 years, she has been actively involved in the Epilepsy Surgery Program at the RBWH.

With a long standing interest in the pharmacological management of epilepsy, especially in women in the areas of pre-pregnancy planning, pregnancy and post-partum management, Cecilie established a specific Antenatal Clinic for Women with Epilepsy in 1979 at the RBWH and this clinic continues to serve women with epilepsy who are pregnant or planning a pregnancy. She is a Co-Investigator of the Australian Pregnancy Register for Women on anti-epileptic medication.

Yvette McMurtrie graduated from the University of Sydney in 1997 with a Masters of Health Education. She is currently the project manager with the RBWH. Her role is to establish the new Comprehensive Epilepsy Surgical Program. Prior to this role Yvette was the Client Services Coordinator at Epilepsy Queensland leading a professional team consisting of counsellors, teachers, nurses and disability support workers.
Dr. Karin Borges has a Diploma in Biology from the University of Freiburg (Germany). Studying glutamate receptors in glial cells, she received a PhD in Neurobiology at Heidelberg University in 1994. She continued her education as a postdoctoral fellow at the Department of Pharmacology at Emory University working on the regulation of transcription of the glutamate receptor subunits. Since 2001, she has been interested in the processes involved in the development epilepsy, first as an instructor at Emory University, then as Assistant Professor at Texas Tech University (2005-2008) and since 2009 at the University of Queensland. Her long-term goal is to find new treatments for epilepsy and other neurological disorders. Dr. Borges discovered that triheptanoin blocks seizures in four mouse epilepsy models and supervises three clinical trials for add on triheptanoin in patients with epilepsy at the Royal Melbourne Hospital and the Lady Cilento Children's Hospital in Brisbane. Recent results show effects in people with treatment-resistant epilepsy. In the laboratory, Dr. Borges’ team is further exploring how to improve dietary and metabolic therapies and their mechanisms in models of epilepsy, stroke and also Motor Neurone Disease.

Anastasia Suraev graduated from the Masters in Psychology (Clinical Neuropsychology) at The University of Melbourne in 2015 and is a Clinical Research Associate at The Lambert Initiative, The University of Sydney. Anastasia is currently coordinating the research study on community use of medicinal cannabis-based products as treatment for paediatric epilepsy.

Dr. Jordyn Stuart is the Postdoctoral Research Associate at The Lambert Initiative, The University of Sydney who conducts the analytical chemistry focusing on extraction and composition analysis of cannabinoids.

Dr. Sandra Petty is an academic and clinical neurologist and epileptologist. She has a strong clinical and research interest in comorbidities of epilepsy including bone health, fractures, metabolic and cardiovascular risk factors. She works clinically at St Vincent’s Hospital Melbourne and at Western Health in Melbourne, as well as in medical education, coordinating Transition to Practice at The University of Melbourne. Sandra’s research interests are mainly focussed around epilepsy and bone health. Her PhD focussed on clinical comorbidities of epilepsy and anti-epileptic medication use including fractures, falls and balance, weight and fat distribution. Her postdoctoral at The Florey used patch clamping to examine for effects of anti-epileptic medications on voltage-gated sodium channels in murine osteoblasts.

Dr. Dan McLaughlin is a Brisbane based Neurologist specialising in treatment of adults with seizure disorders. His research interests are the pharmacology of antiepilepsy drugs. Over the last twenty years he has been a clinical investigator in a number of trials assessing the newer anti-epileptic drugs. Over the same period of time Dr McLaughlin has been an active member of the Epilepsy Society of Australia.

Josh Marks is 34 and lives in Brisbane with his wife Sarah and daughter Eva. Josh grew up in Nambucca Heads, a small town on the central NSW coast prior to moving back to Brisbane early 2002. Josh also lived and worked in Sydney for a number years before settling down in Brisbane. Josh works in the banking and finance industry as a Business Development Manager.

In June 2010 Josh had a generalized tonic clonic seizure for the first time while watching a game of rugby at a close friend's house. In the following 5 years he developed both general and focal seizures and was diagnosed with epilepsy. He went on to fail several medications and moved on to follow the surgical pathway at RBWH under the care of Prof Reutens and Dr Jeffrey. In December 2014 Josh underwent a temporal lobectomy and has been seizure free since.
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Title: ____________________________ First Name: ____________________________ Surname: ____________________________

Position (if applicable): ____________________________ Organisation: ____________________________

Postal Address: ____________________________

Suburb: ____________________________ Postcode: ____________________________ Telephone: ____________________________

Email address: ____________________________ Mobile: ____________________________

Optional information:
- Person with epilepsy
- Parent or Family Member
- Disability/Community worker
- Medical Service Provider

Special requirements: ____________________________

Membership:
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REGISTRATION
- Epilepsy Queensland individual financial member $50
- Non member registration $90

Registration includes morning tea, and a light lunch

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