FINAL ANNOUNCEMENT
Programme and Registration

Organiser: National Neuroscience Institute SingHealth
Supported by: Sponsors:
Endorsed by:
MESSAGE

The 4th Singapore International Parkinson’s Disease and Movement Disorders Symposium will be held from 26 to 27 March 2010. This Symposium follows our previous successful Symposia in 2002, 2003 and 2005 each attended by over 200 participants. In 2007, the National Neuroscience Institute (NNI) together with the Movement Disorder Society-Asian Oceanian Section organised the 1st Asian and Oceanian Parkinson’s Disease and Movement Disorders Congress which was attended by more than 500 participants.

We have arranged an exciting scientific meeting which focuses on the genetics, pathogenesis, diagnosis and management of Parkinson’s disease and Movement Disorders. There will be plenary sessions, parallel sessions and video presentations covering all the major aspects. We are privileged to have as Faculty of this meeting, many renowned international speakers and local experts to bring the latest in the understanding and management of Parkinson’s disease and Movement Disorders.

This meeting will provide an opportunity for participants to learn about the latest research and perspectives, listen to renowned speakers, and to be exposed to the most-up-to-date information in the field of Parkinson’s disease and Movement Disorders.

We welcome all medical professionals; doctors, researchers, nurses, rehabilitation therapists and other allied health professionals from Singapore and the region to attend this meeting. We also invite you to submit interesting patient videos for the video presentations.

We look forward to meeting you in March 2010.

Dr Louis TAN
Chairman, Organising Committee

ORGANISING COMMITTEE

Chairman
Dr Louis TAN
National Neuroscience Institute

Vice-Chairman
A/Prof TAN Eng King
National Neuroscience Institute

Members
Dr AU Wing Lok
National Neuroscience Institute
Dr Prakash KUMAR
National Neuroscience Institute
Dr Christopher LIEN
Changi General Hospital
A/Prof LIM Kah Leong
National Neuroscience Institute

SYMPOSIUM VENUE
Concorde Hotel Singapore
100 Orchard Road
Singapore 238840

REGISTRATION and ENQUIRY
4th Singapore International PDMDS Secretariat
c/o National Neuroscience Institute
11 Jalan Tan Tock Seng, Singapore 308433
Tel: (+65) 6357 7152 / (+65) 6357 7163
Fax: (+65) 6256 4755
Email: nni_secretariat@nni.com.sg
Website: www.nni.com.sg

PLEINARY SPEAKERS

Günter DEUSCHL
Christian-Albrechts University, Kiel, Germany

Ranga K KRISHNAN
Duke-NUS Graduate Medical School, Singapore

Margaret MAK
The Hong Kong Polytechnic University, Hong Kong

Fabrizio STOCCHI
IRCCS San Raffaele Pisana, Rome, Italy

Caroline TANNER
The Parkinson’s Institute, Sunnyvale, California, USA

Zbigniew K WSZOLEK
Mayo Clinic Jacksonville, USA

OTHER SPEAKERS

AU Wing Lok
National Neuroscience Institute

George AUGUSTINE
A*STAR-Duke-NUS Neuroscience Research Programme

Mahadevi BARATHI
Tan Tock Seng Hospital

Jasmine BOO
Tan Tock Seng Hospital

CHAI Chou
Duke-NUS Graduate Medical School

Esther CHUA
National Neuroscience Institute

Karen CHUA
Tan Tock Seng Hospital

Chloe CHUNG
Tan Tock Seng Hospital

Luke DEGARAJOO
Tan Tock Seng Hospital

Nagaendran KANDIAH
National Neuroscience Institute

KOH Woon Puay
Yong Loo Lin School of Medicine, National University of Singapore

KONG Keng He
Tan Tock Seng Hospital

Prakash KUMAR
National Neuroscience Institute

LAI Puay Ngo
National Neuroscience Institute

Christopher LIEN
Changi General Hospital

LIM Kah Leong
National Neuroscience Institute

Erle LIM
Yong Loo Lin School of Medicine, National University of Singapore

LIU Jian Jun
Genome Institute of Singapore

NG Chee Hoe
National Neuroscience Institute

NG Wai Hoe
National Neuroscience Institute

NG Yee Sien
Singapore General Hospital

Shirish SHENOLIKAR
Duke-NUS Graduate Medical School, Singapore

SOONG Tuck Wah
National University of Singapore

Alisa TAN
Tan Tock Seng Hospital

June TAN
National University Hospital

Louis TAN
National Neuroscience Institute

TAN Eng King
National Neuroscience Institute

TAN Siok Bee
Singapore General Hospital

John THOMAS
National Neuroscience Institute

Donald YEO
Singapore General Hospital

David ZHANG
Tan Tock Seng Hospital
<table>
<thead>
<tr>
<th>DAY 1 – 26 MARCH 2010, FRIDAY</th>
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</table>

**MORNING (8.30 AM - 12.30 PM)**

**Welcome and Opening**

**Plenary Session 1**

Parkinson’s Disease Dementia and Diffuse Lewy Body Disease: So What Is The Difference?
Ranga K Krishnan

Unraveling The Pathogenesis of Parkinson’s Disease
Bobby Thomas

Basic Science Research Highlights
Lim Kah Leong and Tan Eng King

**Plenary Session 2**

Diagnosis and Management of Tremor Disorders
Günther Deuschl

Efficacy of Physiotherapy in Different Stages of Parkinson’s Disease
Margaret Mak

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**AFTERNOON (2:00 PM – 5:30 PM)**

**Parallel Sessions (PS)**

**PS 1: Rehabilitation for Parkinson’s Disease**

This interactive session will discuss updates and outcome measures in the rehabilitation of gait and balance in Parkinson’s disease. It will also identify how cognition, depression, fatigue, and failure affect gait and balance. The role of the occupational therapists and how to screen for speech and swallowing problems will also be discussed. Case studies will be presented for audience participation.

- **Updates on rehabilitation on gait and balance in Parkinson’s disease**
  Margaret Mak

- **Do cognition, depression and fatigue affect gait and balance in Parkinson’s disease?**
  Chloe Chung

- **Role of occupational therapy in Parkinson’s disease**
  David Zhang

- **Screening of speech and swallowing in Parkinson’s disease**
  Jasmine Boo

- **Outcome measures of gait and balance in Parkinson’s disease**
  Mahadevi Barathi

- **Case studies**

**PS 2: Evaluation and Management of Dystonia**

Supported by Allergan Singapore Pte Ltd

In this workshop, participants will learn about the diagnostic approach, evaluation, and management of various dystonic conditions, through interactive case discussion, video session, and demonstration on botulinum toxin injection techniques.

- **Overview and approach to dystonia**
  Erle Lim

- **Management of dystonia**
  Au Wing Lok

- **Video case discussions**

- **Video demonstrations**

**PS 3: Evaluation and Management of Cognitive Deficits in Parkinsonism**

Supported by Novartis (Singapore) Pte Ltd

This workshop will include a discussion and an interactive evaluation of cognitive deficits encountered in Parkinsonian syndromes. The cognitive profiles of idiopathic Parkinson’s disease and Parkinson’s Plus syndromes will be highlighted. This session would also include a practical demonstration of the cognitive tests used in evaluation of Parkinsonian dementia including the Frontal Assessment Battery and Montreal Cognitive Assessment. Participants will have an opportunity to perform cognitive scoring for on-screen patients. Finally, we would highlight the pharmacological and non-pharmacological management aspects of cognitive dysfunction in Parkinson’s disease.

- **Spectrum of cognitive dysfunction in Parkinsonian diseases**
  Nagaendran Kandiah

- **Cognitive evaluation in Parkinson’s disease**
  Donald Yeo

- **Video real-time scoring using FAB and MOCA**
  Donald Yeo

- **Non-pharmacological management of Parkinson disease dementia**
  Esther Chua

- **Pharmacological management of Parkinson disease dementia**
  Nagaendran Kandiah

**PS 4: Understanding the Molecular Basis of Neurodegeneration**

This session will primarily showcase neuroscience research in Singapore, with the view of stimulating and facilitating the formation of multidisciplinary and multicenter research in neuroscience, particularly in the area of neurodegenerative diseases. State-of-the-art tools to probe the molecular basis of neurodegeneration will be presented. The mouse and drosophila models of Parkinson’s disease will also be discussed.

- **Optogenetic probes for mapping brain function and dysfunction**
  George Augustine

- **Protein phosphorylation/dephosphorylation and neurodegeneration**
  Shirish Shenolikar

- **Animal models of Parkinson’s disease**
  Bobby Thomas

  - “Iron mouse” – A novel mouse model of Parkinson’s disease
  - Soong Tuck Wah

- **Drosophila models of Parkinson’s disease**
  Ng Chee Hoe

- **Derivation of patient-specific dopaminergic neurons**
  Chai Chou

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**EVENING (6 PM ONWARDS)**

**Dinner Symposium**

Organised by GlaxoSmithKline Pte Ltd

All doctors are invited.
## PROGRAMME

### DAY 2 – 27 MARCH 2010, SATURDAY

#### MORNING (8.30 AM – 12.00 PM)

**NNI Community Care Partners Programme (CCPP) Presentation**

**Plenary Session 3**

- Genetics of Parkinson’s Disease
  - Zbigniew K Wszolek
- Epidemiological Factors Influencing the Development of Parkinson’s Disease
  - Caroline Tanner

**Plenary Session 4**

- Medical Management of Parkinson’s Disease – Updates From Recent Major Clinical Trials
  - Fabrizio Stocchi
- Surgery for Parkinson’s Disease: The Past, Present and Future
  - Günther Deuschl
- Clinical Research Highlights
  - Louis Tan and Au Wing Lok

#### AFTERNOON (1.30 PM - 4.00 PM)

**Parallel Sessions (PS)**

**PS 5: Deep Brain Stimulation Surgery**

Supported by Medtronic International Pte Ltd

- The Deep Brain Stimulation (DBS) session will incorporate principles of patient selection, stereotactic techniques, microelectrode recording, macroelectrode stimulation, and programming. Nursing care for patients pre and post-operatively will also be presented. The session will also discuss new frontiers in DBS surgery.

  - DBS for Parkinson’s disease/Dystonia; Indications and patient selection
    - Prakash Kumar
  - Principles of DBS surgery and surgical techniques
    - John Thomas
  - Nursing care for the DBS patient: Pre and post operative management
    - Lau Puay Ngoh
  - New frontiers in DBS surgery
    - Ng Wai Hoe
  - Case discussions

**PS 7: An Approach to Spasticity: Pearls and Practicum**

- This session will provide participants with an understanding of neurophysiology and neuroplasticity in spasticity and also discuss how spasticity management may be rationalised. The session will conclude with an interactive practicum with case discussions involving a multidisciplinary rehabilitation team.

  - Modern concepts in spasticity: Understanding neurophysiology and neuroplasticity
    - Ng Yee Sien
  - Rationalising spasticity management: Are we ready for a revolution?
    - Karen Chua
  - Spasticity Practicum: Talk with the experts! An interactive multi-disciplinary discussion of clinical cases
    - Kong Keng He and Rehabilitation Team

**PS 6: Management of the Elderly Parkinson’s Disease Patient: A Holistic Approach**

- This practical session will provide an overview of holistic management of the elderly Parkinson’s disease patient. The challenges of diagnosis, management of co-morbidities, and therapeutic options will be identified. In addition, aspects of community rehabilitation, psychosocial support, and caregiver support will be presented. The session will incorporate case discussions.

  - Challenges in the management of elderly Parkinson’s disease patients - Diagnosis and extra burden of co-morbidities
    - Christopher Lien
  - Therapeutic options in the elderly Parkinson’s disease patients – How age, co-morbidities and drug interactions play a role in selection of Parkinson’s disease drugs.
    - June Tan
  - Community rehabilitation
    - Luke Degraziano
  - Advanced care planning for Parkinson’s disease patient
    - Alisa Tan
  - Joys and challenges of caregiving
    - Tan Sio Bee
  - Case discussions

**PS 8: Evaluating Gene-Environmental Interactions in Parkinson’s Disease**

- This session will provide an overview of gene-environmental interactions from the epidemiological and genetic perspectives. Candidate genes for such studies in Parkinson’s disease will be presented together with lessons and illustrations of gene-environmental interactions in cancer (Singapore Chinese Health Study) and Parkinson’s disease research. A panel discussion will conclude the session.

  - Epidemiological perspectives in gene-environmental interactions
    - Caroline Tanner
  - Candidate genes for gene-environmental studies in Parkinson’s disease
    - Zbigniew K Wszolek
  - Genetic approach to gene-environmental interactions
    - Liu Jiarun
  - Lessons from Singapore Chinese Health Study in cancer on gene-environmental interactions
    - Koh Woon Puay
  - Illustrations from Case - Control studies in Parkinson’s disease
    - Tan Eng King
  - Panel Discussion

#### 4.30 PM - 6.00 PM

**Video Presentations**

All participants are invited to submit patient videos for this session. Abstracts of your presentation should be submitted with your registration form.

*All sessions are conducted in English. Programme subject to change without prior notice.*
**REGISTRATION FEES AND INFORMATION**

**EARLY REGISTRATION DEADLINE**: 1 February 2010  
**NORMAL REGISTRATION DEADLINE**: 12 March 2010  
**REGISTRATION CLOSES ON**: 12 March 2010

All registrations and payment received after this date will be considered as On-site Registration and processed on-site.

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>Early Registration (Registration AND Payment must be made before 1 February 2010)</th>
<th>Normal Registration (Registration AND Payment must be made before 12 March 2010)</th>
<th>On-site Registration (Registration AND Payment received after 12 March 2010 will be considered as On-site Registration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians and Researchers</td>
<td>S$150.00</td>
<td>S$200.00</td>
<td>S$250.00</td>
</tr>
<tr>
<td>1 Fellows of the Chapter of Neurologists, Singapore</td>
<td>S$100.00</td>
<td>S$150.00</td>
<td>S$200.00</td>
</tr>
<tr>
<td>2 Trainees, Nurses, Allied Health Professionals and other Medical Professionals</td>
<td>S$100.00</td>
<td>S$150.00</td>
<td>S$200.00</td>
</tr>
<tr>
<td>3 NNI-CCPP Partners</td>
<td>S$80.00</td>
<td>Follow rates of respective categories</td>
<td></td>
</tr>
</tbody>
</table>

All prices quoted are in Singapore Dollars (SGD) and are inclusive of prevailing taxes.

1. $50 subsidy for Fellows by the Chapter of Neurologists, College of Physicians, Singapore.
2. Trainee identification or proof of qualifying trainee status MUST accompany the registration form to qualify for Trainee fees.
3. NNI-CCPP: Partners of NNI-Community Care Partners Programme (CCPP).

**VIDEO PRESENTATIONS**

**Deadline for Submission**: 15 February 2010

Participants are invited to make video presentations of patients with movement disorders, who have interesting diagnostic or management issues. These presentations should not exceed 10 minutes each and will be followed by a discussion led by the Chairs of the Video Presentation Session. Please attach your abstract with your registration form.

For more information, please refer to the website: www.nni.com.sg

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**How To Register**

- **By Mail Registration**: Complete the form and mail it along with supporting letters or documents, where applicable and payment. Complete one form per participant. Please make a copy of your completed form (for your records) before mailing.
- **By Fax Registration**: Send your completed form and supporting letters or documents, where applicable to (+65) 6256 4755. The Organiser is not responsible for faxes not received due to mechanical failure or circumstances beyond our control.
- **By E-Mail**: Send your completed form and supporting letters or documents, if applicable, to nni_secretariat@nni.com.sg. The Organiser is not responsible for electronic messages not received due to mechanical failure or circumstances beyond our control.

**Trainee Registration Fee**

Trainee identification or proof of qualifying trainee status MUST accompany the registration form to qualify for Trainee fees. A letter confirming the applicant’s trainee status must accompany the “Trainee” registration form. Proof of status is also required when registering on-site.

**Confirmation of Registration**

Confirmation of registration will be issued upon receipt of the completed Registration Form with relevant supporting documents, if applicable and full payment. The Secretariat may require 4 - 5 weeks to process the registrations. Please bring this confirmation to the Registration Desk at the conference as proof of your registration.

**Refund and Cancellation Policy**

Notification of cancellation and request for refunds must be sent in writing to the Secretariat. All refunds will be processed after the Event. The following cancellation and refund policy will apply:

- **Before 1st February 2010**: 50% of registration fee less an administrative charge of S$30.00.
- **After 1st March 2010**: No refund or cancellations of any type, including no-shows.

**Substitution Policy**

Registered delegates who are unable to attend may send an alternate i.e one-for-one substitution only. Substitution requests must be submitted in writing to the Secretariat before 1st March 2010. Substitution requests received after 1st March 2010 will be subjected to an administrative charge (substitution processing fee) of S$20.00.

**Liability and Disclaimer**

The registered delegate acknowledges that he/she has no rights to lodge any claims against the 4th Singapore International PDOMS Organiser should the Symposium be hindered or prevented to occur by any unexpected political, economic or pandemic events, or generally by force majeure, or by the non-appearance of scheduled speakers or other reasons that necessitate programme changes. With registration, the delegate accepts this provision. Every attempt will be made to present the programme as printed. However, the Organiser reserves the right to modify, or cancel without prior notice, any of the arrangements, programmes or other items relating directly or indirectly to the 4th Singapore International PDOMS, for any cause beyond its reasonable control.

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**Insurance**

The registered delegate is to engage his/her own travel insurance and to extend the policy to cover personal possessions as the 4th Singapore International PDOMS Organiser does not cover individuals against cancellation of bookings or theft or damages to the personal belongings.

**Letter of Invitation**

Applicants requiring an official letter of invitation for the purpose of obtaining a visa or permission to attend the 4th Singapore International PDOMS may submit the request to the Secretariat. The letter of invitation is not a commitment from the Organiser to provide any kind of financial support, hosting arrangement, nor does it guarantee an entry visa will be issued. The letter will be issued to the requesting delegate only after the registration fee has been paid in full. Expenses incurred are the sole responsibility of the applicant. The Secretariat may require 2 – 3 weeks to process the request. We recommend that you apply at least 3 months in advance.

**Entry Visa Application and Validity of Passport**

The registered delegate should have a valid passport, onward/return tickets, onward facilities (e.g. visas, entry permits, etc.) to their next destination and sufficient funds for stay in Singapore. National passport holders of most countries are permitted to stay in Singapore for up to 14 days without visas. However, visas may be required for visitors from some other countries and participants are requested to clarify these before travelling to Singapore. We recommend applying at least 3 months in advance. Please visit the Singapore Immigration and Checkpoints Authority website for more information on entry visas: http://www.ica.gov.sg
REGISTRATION AND PAYMENT

The 4th Singapore International Parkinson's Disease and Movement Disorders Symposium Secretariat
c/o National Neuroscience Institute, 11 Jalan Tan Tock Seng, Singapore 308433
Tel: (+65) 6357 7152 / (+65) 6357 7163  Fax: (+65) 6258 4765  Email: mni_secretariat@nni.com.sg  Website: www.mni.com.sg

PARTICULARS - Please WRITE CLEARLY and complete form in BLOCK LETTERS and return the completed form with payment.

Title: Prof / Dr / Mr / Mrs / Mdm / Ms (please circle)
Surname/ Family Name: ________________________________ Other Name(s): ________________________________
Designation: ______________________________________ Department: ________________________________
Name of Institution: _________________________________________________________________

Address: ____________________________________________________________

City: __________________ State/ Province: __________________ Country: __________________ Postal Code: __________________

Tel: __________________ Fax: __________________ Email: __________________

Name to appear on Certificate of Participation: ________________________________
MCR No: __________________ NRIC or FIN No: __________________

(For local doctors only)
(For local and foreign nurses working in Singapore)

SYMPOSIUM REGISTRATION

Registration Category Early Registration (Registration AND Payment must be made before 1 February 2010) Normal Registration (Registration AND Payment must be made before 12 March 2010) On-site Registration (All Registration AND Payment received after 12 March 2010 will be considered as On-site Registrations)

Physicians and Researchers S$150.00 S$200.00 S$250.00

Followers of the Chapter of Neurologists, Singapore S$100.00 S$150.00 S$200.00

Trainees, Nurses, Allied Health Professionals and other Medical Professionals S$100.00 S$150.00 S$200.00

NNI-CCCP Partners S$80.00 Follow rates of respective categories

PARALLEL SESSIONS (Please state your preferred sessions.)

Day 1 - 26 March 2010, Friday
1st Choice: Parallel Session (PS) No: __________ Title: __________________________________________
2nd Choice: Parallel Session (PS) No: __________ Title: __________________________________________

Day 2 - 27 March 2010, Saturday
1st Choice: Parallel Session (PS) No: __________ Title: __________________________________________
2nd Choice: Parallel Session (PS) No: __________ Title: __________________________________________

Video Presentations

I would like to submit a video for the committee's consideration. Title: ____________________________________________

(Please attach your abstract with the registration form.)

PAYMENT METHOD AND AUTHORISATION - Please tick where applicable.

I would like to pay by cheque/bank draft.

Bank Draft or Local Cheque:

Bank: ______________________________  Account Name: ______________________________

Branch: ______________________________  Address: ______________________________

Account No: ________________________  Date: ______________________________

Teller No: _________________________  Signature of Applicant: ____________________

Total Payment Amount: S$______

I confirm that payment has been made by ____________

For cheque/bank draft, a three-digit Verification Code is required on the back. The Verification Code is a

three-digit number on the back of your credit card. The Verification Code is a three-digit number on

the back of your credit card.

For payment by credit card, please provide the following details:

Card Type: ______________________________  Number: ______________________________

Expiry Date: __/____  Security Code: ______________________________

Cardholder Name: ______________________________  Address: ______________________________

Signature of Cardholder: ______________________________  Date of Signature: ____________________

PAYMENT AND VERIFICATION - Please tick where applicable.

I would like to submit a video for the committee's consideration. Title: ____________________________________________

(Please attach your abstract with the registration form.)