

Planning Committee

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Gerry Kiefer, MD, FRCSC
Nisha Sharma, MSc
Gina Ursulak, PT

Study Credits

This event is an Accredited Group Learning Activity (Category 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Hosted by:



With support from:



Alberta Children's Hospital
Paediatric Movement
Assessment Centre

Divisions of Orthopaedic
Surgery and Paediatric
Neurosciences

Physiotherapy Department

Symposium: Motion Assessment in Paediatric Disorders

with special emphasis on the
role of Gait Analysis and the
management of Cerebral Palsy

Kerr Graham, MD, FRCS(Ed), FRACS
Professor of Orthopaedic Surgery
University of Melbourne

Jill Rodda, PhD
Senior Physiotherapist

Hugh Williamson Gait Laboratory;
Royal Children's Hospital & Murdoch
Children's Research Institute
Melbourne, Australia

Tuesday, September 19, 2006
Best Western Village Park Inn
1804 Crowchild Trail NW
Calgary, AB

RSVP to:

Motion Assessment in Paediatric Disorder Seminar
c/o Nisha Sharma
Bone and Joint Health Education
3330 Hospital Drive NW
Calgary, AB T2N 4N1

Prior to August 14th, 2006



Visiting Faculty

Kerr Graham is currently Professor of Orthopaedic Surgery, University of Melbourne, at the Royal Children's Hospital (RCH) in Melbourne, Australia and recent Director of Orthopaedics at this institution.

He is a world leader in the management of children with cerebral palsy and has a special interest in the use of gait analysis for determining treatment recommendations and to quantify functional outcomes for children undergoing multi-level surgery.

He is most widely known for his pioneering work in the introduction of Botulinum Toxin A for children with Cerebral Palsy. His current research interests focus on outcome measures, particularly for single event multilevel surgery



Jill Rodda is a senior physiotherapist in the Hugh Williamson Gait Laboratory at the Royal Children's Hospital in Melbourne, Australia.

Her main area of clinical interest is in the use of gait analysis in musculoskeletal disorders and in the treatment of children with cerebral palsy. She is specifically interested in the development of classifications of gait and clinical outcome measures in cerebral palsy. Dr. Rodda has published many significant peer-reviewed journal articles in these subject areas and has delivered podium presentations and an instructional course lecture at several international meetings including the Gait and Clinical Movement Analysis Society. She is also a senior faculty member for the International Gait Analysis Course held bi-annually in Melbourne.

Her PhD topic investigated: severe crouch gait in spastic diplegia: the impact of single event multi-level surgery on sagittal plane biomechanics and functional ability.

Objectives

- To provide an introduction to 3D Gait Analysis and its relevance to clinical practice
- To review clinical evaluation and management principles in the care of children with Cerebral Palsy
- To review the use of gait analysis in disorders other than Cerebral Palsy, e.g. myelomeningocele

Program

08:30 Registration & Breakfast

09:00 Introduction

12:00 Lunch

16:30 Adjournment



Topics to be Discussed

- Introduction to Cerebral Palsy and the Gross Motor Function Classification System
- Evaluation and standardized physical assessment of the child with Cerebral Palsy
- Introduction to the Gait Laboratory and fundamentals of Gait Analysis
- Classification of gait patterns as a template for gait correction surgery
- Spasticity in Cerebral Palsy: pharmacological and surgical management
- Single Event Multilevel Surgery for gait correction: spastic hemiplegia and diplegia
- Orthotic management following multilevel surgery
- Gait analysis and other disorders: myelomeningocele, slipped capital femoral epiphysis, etc.

A detailed programme will be provided at the Symposium

Registration

(deadline is August 14th, 2006)

Name

Address

Phone

Fax

Email

Fees

Surgeons, Physicians, Health Professionals: \$105.00
Students: \$50.00

Please Make Cheques Payable to:
Combined Orthopaedic Surgery—Paediatric Section

The symposium will consist of plenary sessions and interactive case discussions. Attendees are encouraged to bring cases on video or digital media, for discussion.

Breakfast and Lunch will be provided.

Due to limited registration for this event, preference will be given to Alberta residents. Out of town applications will be considered on a first come first served basis