

## **The Melbourne Clinical Gait Analysis Courses 3 – 7 August 2009**

### **Welcome to five days of activities presenting new ways of doing gait analysis**

The Melbourne Gait Courses aim to present new ways of doing gait analysis that have been developed in Melbourne over the last five years. These innovations cover the whole process from capturing gait data through to reporting on the results. They are based on the premise that the aim of clinical gait analysis is to get a better understanding of the factors limiting a patient's walking ability.

Core elements of gait analysis included in previous courses will be presented alongside recent developments in an innovative, integrated and comprehensive new framework.

The five day program includes four separate courses. Each of the courses is offered separately. Delegates will receive a comprehensive course manual for each course, including clinical case studies.

We welcome you to attend these courses.

### **PROGRAM**

#### **Monday 3 August**

##### **Course 1: Capturing gait data and assuring its quality**

This one day course aims to teach the practicalities of obtaining high quality gait data. It will include material on how best to set up a gait analysis laboratory and collect 3-dimensional gait data. Both conventional techniques and new techniques based upon functional calibration exercises will be covered. A significant part of this course will be practical demonstrations within a gait analysis laboratory and an opportunity for delegates to practice some of the techniques. Capturing EMG data and conducting a clinical examination will also be incorporated. Understanding of key issues related to data quality will be emphasized throughout the course.

This course is most appropriate for participants who are routinely capturing data within a clinical gait analysis lab.

**Tues 3rd, Wed 4<sup>th</sup>, Thurs 5<sup>th</sup> August**

**Course 2: Clinical Gait Analysis – guiding clinicians to a better understanding of their patient’s gait pattern**

This three-day course presents gait analysis as a technique to identify the underlying impairments that are affecting the patient’s gait pattern. This approach to gait analysis focuses firstly on the identification of abnormal features of the gait pattern. Abnormalities which are likely to be related are grouped. The final report is a statement of the underlying impairments that are most likely to be associated with the grouped abnormalities, along with detailed supporting evidence. This includes reference to supplementary data from clinical examination, video or radiology.

Whilst the approach is designed to be applicable to all patient groups, this course will focus on implementation for children with cerebral palsy. It will start with a review of normal kinematics, kinetics and muscle activity, to lay down a foundation for the new approach. It will mix formal lectures with interactive exercises and case discussions.

This course is most appropriate for participants who are routinely involved in interpretation of gait analysis data. A comprehensive approach from first principles will be adopted.

**Fri 6<sup>th</sup> August**

**Course 3 and 4: Treatment Options to improve walking**

**3. Improving walking in children with cerebral palsy**

This course will review the possible treatment options to improve walking in children with cerebral palsy through early and late childhood and adolescence. It will present these in relation to the framework presented for reporting gait analysis results in the preceding course. Case-studies will illustrate the selection of appropriate treatments relative to the child’s age, functional mobility and impairments such as spasticity, bony deformities, and muscle length abnormality and weakness. This course is appropriate for clinicians involved in management of gait disorders in children who wish to gain an understanding of the clinical reasoning underlying treatment selection.

**4. Improving walking in adults with gait disorders**

This course will review the possible treatment options to improve walking in adults, with a focus primarily on neurological disorders. It will present these in relation to the framework presented for reporting gait analysis results in the preceding course. Case-studies will illustrate the selection of appropriate treatments relative to the individual's diagnosis, functional mobility and impairments such as spasticity. This course is suitable for clinicians involved in management of adult neurological and other chronic disorders that affect gait who wish to gain an understanding of the clinical reasoning underlying treatment selection.

## **FACULTY**

### **Provisional Core Faculty**

Professor H Kerr Graham  
Associate Professor Richard Baker  
Dr Jenny McGinley  
Ms Pam Thomason  
Dr Jill Rodda  
Ms Tandy Hastings-Ison  
Ms Adrienne Fosang  
Dr Abhay Khot  
Dr Morgan Sanguex  
Dr Anna Murphy  
Associate Professor Barry Rawicki  
Dr Adam Scheinberg

## **VENUE**

### **Rydges on Swanston Hotel**

701 Swanston Street, Melbourne

<http://www.rydges.com/hotel/0/RVCARL/Rydges-On-Swanston-Melbourne.htm>

The venue is conveniently located on the fringe of Melbourne's CBD. Carlton is one of Melbourne's best known cosmopolitan centres, boasting a diverse range of outstanding restaurants, shops, cultural activities and night spots.

### **Accommodation packages**

Rydges on Swanston, 701 Swanston Street, Melbourne

A number of rooms have been set aside for delegates. Please book early to ensure your reservation.

To book: call 03 9347 7811 or email Chris McAllister, Reservations Manager

[chris\\_mcallister@rydges.com](mailto:chris_mcallister@rydges.com)

Contact the hotel to reserve your room quoting the code "Gait CCRE" to access this special rate for delegates.

Delegate room rates:

Executive Queen - \$189.00 per night, room only

Parkview King - \$219.00 per night, room only

\$19.00 full buffet breakfast

Delegates may also wish to consider alternative accommodation options.

### Car Parking

A limited number of car parks are available on site (35 spaces) Cost: \$12 per car (pay at reception)  
Entrance: Gate located on Lincoln Square North, hotel is located on the the corner of Lincoln Square North and Swanston Street. The gate will open automatically to enter and delegates will need to see reception to obtain an exit code.

There is also ample parking available around Rydges Hotel and the best alternative is the Royal Women's Hospital, Grattan Street, (approx 2 minutes from Hotel) at \$16.00 for full day parking per car.

## SOCIAL PROGRAM

### Welcome drinks

Date: Monday 3<sup>rd</sup> August

Time: 5pm -6pm

Venue: Prime Wine Bar and Grill, Rydges on Swanston, 701 Swanston Street, Melbourne

Cost: Included in Course 1 (Mon 3<sup>rd</sup> Aug) and Course 2 (Tues 4 – 6<sup>th</sup> Aug ) Registration

### Course dinner

Date: Wednesday 5 August

Time: 7pm

Venue: Café Italia, 56-66 University St, Carlton, 3053

Cost: Included in Course 2 (Tues 4 – 6<sup>th</sup> Aug ) Registration

[www.cafeitalia.com.au](http://www.cafeitalia.com.au)

## REGISTRATION

Please download and complete the application form [here](#).

Note: **Early registration is encouraged** as numbers will be strictly limited. Priority enrolment will be initially offered to clinicians with current roles in clinical gait analysis services (for enrolments received during May 1 – May 22). Registration closes on the 3rd July. Acknowledgement of registration will be forwarded on processing of payment. Please note: Payments will be processed by a part-time Administration Officer.