



Newsletter

ISSUE 8

DECEMBER 2010

10th Annual CMAS Meeting



The 10th Annual meeting of CMAS will be hosted by the One Small Step Gait Laboratory in London, on **11th and 12th April 2011**. The theme of this year's meeting is "Learning to Walk". What are the determinants for gaining the ability to walk? How can mechanical trainers help in the rehabilitation of walking? These are just some of the questions you can expect to be addressed at this year's meeting.

Three exciting key note speakers have been invited, including Mr Martin Gough (Consultant Orthopaedic Surgeon at Guys and St Thomas Foundation NHS Trust), Prof Sarah Tyson, who will address the topic of rehabilitation during stroke using "walking



Although Guy's hospital (far left in) is the tallest and perhaps ugliest hospital building in Europe, it will be nothing compared to the newest building to grace the London skyline, the Shard (nearly 80 storeys high).

machines", and Prof Richard Baker of Salford University.

There will also be separate free paper sessions. Please submit abstracts relevant to the topic to adam.shortland@gstt.nhs.uk before 5pm on **Friday 18th February 2011**. You will be informed of the outcome within one week.

In addition, the education and consensus component of the meeting will be held on Monday 11th April. The topic for discussion is Clinical Examination. This should be a lively and informative discussion which will allow further refining of our standards.

And of course, there will be the usual opportunities for socialising and general catching up. Dinner at the Taz Restaurant has been arranged for Monday evening.

The deadline for early bird registration is **Tuesday 1st March 2011**. Registration fees increase after this date, so get your form in early! Registration includes your annual membership fee. There is also a special discount rate for students available.

Further details about the meeting, including registration forms, travel and accommodation details, as well as the meeting programme can be found on the CMAS website: <http://www.cmasuki.org/>

Future CMAS Meetings

We are currently in the unusual position of having a queue for hosting CMAS! CMAS 2012 will be hosted by Liverpool, 2013 by Glasgow, 2014 by Oswestry, and 2015 by Sheffield. These venues will be confirmed nearer the time, along with definite dates.

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COMMITTEE NEWS - New Vice Chair

We welcome Sheila Gibbs to the role of Vice Chair for CMAS. She will perform this role until March 2012, when the current chairperson (Julie Stebbins) comes to the end of her term. Following this, Sheila will take up the position of chairperson. We look forward to working with her in this new role.



CMAS 2010 REPORT

In 2010 the annual meeting was held in 'Bonnie' Dundee. It is also known as the City of Discovery home of RRS Discovery <http://www.rrsdiscovery.com/index.php?pagelD=54>. The meeting took place over 2 days which is a first for CMAS. The first day was held in the Institute of Motion Analysis & Research, part of the University of Dundee. This allowed an educational afternoon to be included in the programme. The focus of the afternoon was EMG and included a wide selection of papers and practical presentations on various aspects of data acquisition in a clinical environment. Delsys® kindly provided a 2 channel EMG system as a prize for the best presentation. This was followed by a consensus meeting of all members present to allow incorporation of new information into the CMAS Standards.

The Vicon® user group was held in the gait analysis lab immediately after the consensus meeting.

Everyone moved swiftly down to the Invercarse Hotel for a traditional Scottish meal followed by a demonstration of traditional Highland dancing and not so traditional Scottish dancing by some very talented young dancers. A local ceilidh (pronounced



kaylee) band provided some fantastic Scottish music and managed to talk everyone through the dances before letting the delegates loose to have a great time. No breakages (of bones or teeth) were reported!! Everyone seemed to really enjoy the dancing – even those from countries further afield than England!!

Day 2 was held in Discovery Point adjacent and overlooking the RRS Discovery. Even the weather was appropriate for such a venue (wild and snowy just like the Antarctic).

Fortunately most of the delegates had arrived before the inclement weather set in. The theme of the meeting was 'Hidden Aspects in Motion Analysis'. In addition to the many interesting papers presented in the morning and afternoon sessions, there were 3 keynote lectures which considered different aspects of motion analysis: *The exploitation of human motion: Modelling in a clinical context* by Professor Ilse Jonkers, *Scoliosis of the spine* by Professor Nachiappan Chockalingam and *'Ben Lomonding' in cerebral palsy* by Dr Barry Meadows

The afternoon concluded with the presentation of prizes: Best paper was awarded to Jo Bates '**Development of a trunk model for routine clinical use**'. The award of best EMG paper was awarded to Sheila Gibbs '**Crosstalk testing**'

Thanks to everyone who made the effort to come and contribute to a very successful meeting.

Sheila Gibbs—On behalf of CMAS 2010 organising committee



ACCREDITATION APPROACHES!

The first UK gait labs will be accredited by CMAS at the 2011 AGM in London.

This marks the end of the beginning of the CMAS standards process. From the first meeting in Birmingham in 2002, CMAS has been working towards establishing standards for clinical movement analysis laboratories.

Representatives from labs across the UK and Ireland have been involved in writing and refining the standards documentation and developing audit mechanisms. The first labs to achieve accreditation will be working to the standards, as verified by two external audit visits. They will also have their own internal audit mechanisms in place. Information about the labs involved in the standards process is available from the CMAS website.

The accreditation of the laboratories does not, however, mark the end of the CMAS standards work. Members

are meeting twice a year to look at different areas of the working of a clinical gait laboratory. These consensus meetings will allow the standards document to be updated in the future, taking account of published evidence and evolving best practice. The most recent of these meetings was held at Birmingham International Airport on October 15th, where Richard Baker, Adam Shortland and Mark Tucker gave talks on measuring the repeatability of gait analysis data. The conclusions reached will be integrated into the next version of the standards, which will go to members from approval in early 2011. Members will therefore have the opportunity to review all the proposed standards changes. In the future the standards document will be reissued annually.

Over the next few weeks the remain-

ing labs seeking accreditation by the AGM will receive their second external audit. New labs are always welcome to join in the process and information can be obtained from a member of the standards committee. The existing labs are predominantly clinically based, but there is a growing interest from university labs.

The next meeting of the standards committee and working group will be at the AGM in London. The consensus discussions will focus on clinical examination, and there will also be an opportunity for labs to discuss their experience of the standards process so far.

Caroline Stewart—on behalf of the Standards and Accreditation Committee

BALLOT results

Two ballots were recently sent out, one requesting approval for the latest changes to the standards document, and the second related to proposed changes to the CMAS constitution, in particular the process for voting on the chair, vice-chair and other committee members. In total, 27 ballot forms were returned (the same number for both ballots). The result was unanimous approval for both the changes to the standards documentation, as well as the proposed changes to the constitution. Thank you to everyone who took the time to respond and participate in this process.

NEW BOOK AVAILABLE

The Identification and Treatment of Gait Problems in Cerebral Palsy 2nd edition

644 pp | Hardbound | 2 x CD/DVD | 978-1-898683-65-0 | £125.00

This comprehensive, multi-disciplinary book deals with ambulatory problems in cerebral palsy and will be invaluable for all those working in the field of gait.

- New edition of the definitive reference on gait problems in cerebral palsy
- Comprehensive guide to evaluation and optimal treatment
- Companion CD-ROM with video cases, gait modelling examples, and surgical procedures
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Order Information

Order online from the Wisepress.com secure online bookshop: <http://www.wisepress.com/cgi-bin/showgoods.cgi?gid=179715&page=1>

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IPEM User Group Meeting

FOOT PRESSURE MEASUREMENT

3 February 2011
St Mary's Conference Centre, Sheffield

Foot pressure measurement systems are used within a number of clinical applications. However, outcome measures and the role of quality assurance in ensuring reliability and repeatability of data collection are not widely reported. The primary aim of this meeting will be to discuss current protocols and their potential for development.

For further information visit www.ipem.ac.uk Meetings & Events / IPEM Meetings Calendar, or contact Alice Futers (alice@ipem.ac.uk, tel: 01904 610821).

Registration Deadline: 21st January 2011

Dates for your diary

10th Annual meeting of CMAS

London - 11th—12th April 2011

ESMAC - 20th Anniversary!

Vienna—12th-17th September 2011

GCMAS meeting

Bethesda—26th-29th April 2011

IPEM Conference (Foot Pressure)

Sheffield - 3rd February 2010

Current CMAS Committee:

CHAIR: Julie Stebbins

VICE CHAIR: Sheila Gibbs

TREASURER: Neil Postans

SECRETARY: Alison Richardson

STANDARDS / EDUCATION: Gill Holmes

WEBSITE: David Ewins

COMMITTEE MEMBERS: Phill Glithero, Tanya Sale



Clinical Movement Analysis Society
UK and Ireland

www.cmasuki.org

CMAS grew out of a fledgling organization known as **GLUK (Gait Labs UK)**. The inaugural meeting was held in 2002 in Birmingham and annual meetings have taken place every year since. The society represents many professional groups, including physiotherapists, clinical scientists and engineers, orthopaedic surgeons, paediatricians and researchers, with a common interest in movement analysis.

There is more information about **CMAS** and **Movement Analysis** on our website.