



# Newsletter

ISSUE 10

NOVEMBER 2011

## CMAS - 10th Annual Meeting

### *"We Can Work It Out"*

Next year's CMAS AGM and Conference will be held on **Monday 23rd and Tuesday 24th April** at the Liverpool Medical Institute. This year, the standards and consensus meeting on the Monday will cover the topic of "reporting". An exciting programme is already being assembled for the Tuesday, which includes Mr Alf Bass, Professor Vish Unnithan and Dr Gabor Barton as keynote speakers. Mr Bass will be addressing the role of



gait analysis as a form of biofeedback. Prof Unnithan will give a talk on exercise evaluation of the child with cerebral palsy, while Dr Barton will be updating us on virtual training. As usual, there will be opportunity for free papers to be presented. The call for these, along with deadlines, will be posted nearer the date. For further information, contact Gill Holmes: [Gill.Holmes@alderhey.nhs.uk](mailto:Gill.Holmes@alderhey.nhs.uk)

### INSIDE THIS ISSUE:

#### LIVERPOOL MEETING

Incorporation and Charitable Status

New CMAS initiative

Standards Report

News and Updates

Back Page- News, Dates, etc

## INCORPORATION and CHARITABLE STATUS update

Following a vote at our last AGM, it was decided to proceed with pursuing incorporation and registration as a charity for CMAS. This has steamed ahead, and we are now close to achieving these objectives. The solicitors have drafted documents to send to Companies House, as well as the Charity Commission. The CMAS committee has approved these documents, and they will shortly be forwarded to the relevant bodies. We hope to hear back from them within a couple of months. Following completing, an application to join the newly incorporated society will be sent out to all current CMAS members. We don't any envisage major changes to our society as a result, however we will gain the advantages of limited liability, as well as tax exemption. If you have any queries regarding this process, or any of the implications of our new status, please get in touch with Julie Stebbins ([julie.stebbins@ouh.nhs.uk](mailto:julie.stebbins@ouh.nhs.uk)).

## Invitation to be part of a new CMAS initiative

At the last consensus meeting in October, we discussed the possibility of amalgamating our outcomes after multilevel surgical intervention in cerebral palsy into some form of national database that would be accessible to all within the community. Subsequently, this has been discussed at the CMAS Committee. Ultimately, the database could be used as a resource to predict the likely short- and mid- term outcomes from planned intervention. We see the project in two phases

- i) **What we do now.** Establish a database that includes measurements (both decision making and outcome) that are universal (or at least very common) in the community. Examples could include the measurement of passive dorsiflexion, or the Gillette Gait Index. Simultaneously, individual centres may work on projects to see if measures that are not universal may have some predictive value such as formal measurement of selective motor control or psychological profiling of the patient and family. We could then see the predictive power of the measurements that we collect presently, and what further measurements may have potential.
- ii) **What we could do.** In a prospective study across all the participating centres, we would begin to collect data that had positive predictive value (from part i). This would necessarily mean some changes in practice across all participating centres. We would then reassess the database and establish a set of variables with the greatest predictive power.

At this very early stage, it is necessary to gather from members of CMAS information on their current practice regarding multi-level surgical intervention. So, we wonder if you would mind giving us a few details (you may need to consult heavily with your surgical colleagues).

- i) How many multilevel surgeries take place at your centre each year on **ambulant** children with CP?
- ii) What proportion of these have clinical gait analysis to inform surgical decision making?
- iii) What proportion of these have an outcome clinical gait analysis?
- iv) Do you do a passive range of motion as a routine part of the assessment? For decision making? For Outcome?
- v) Do you use a standard measurement of spasticity? For decision making? For outcome? Which one do you use?
- vi) Do you use a standard measure of selective motor control? For decision making? For Outcome? Which do you use?
- vii) Do you use standard measure of Gross Motor Function? For decision making? For Outcome? Which do you use?
- viii) Do you use questionnaires? For decision making? For Outcome? Which do you use?
- ix) Do you use kinematics as a routine part of your assessment? For decision making? For Outcome?
- x) Do you use kinetics as a routine part of your assessments? For decision making? For Outcome?
- xi) Do you use EMG as a routine part of your assessments? For decision making? For Outcome?
- xii) Do you use Oxygen Consumption? For decision making? For Outcome?
- xiii) Or HR monitoring? For decision making? For Outcome?
- xiv) Are there formal (measurable) assessments within or without the gait lab that you use to inform decision making or measure outcome that I haven't mentioned?

Do you have any comments?

We are really excited by the prospect of joining forces under the CMAS banner to extract the most out of the data we collect for the benefit of our patients.

Please send responses to Caroline Stewart ([Caroline.Stewart@rjah.nhs.uk](mailto:Caroline.Stewart@rjah.nhs.uk)) or Adam Shortland ([Adam.Shortland@gstt.nhs.uk](mailto:Adam.Shortland@gstt.nhs.uk))

*A separate proposal has been made by Richard to the CP Club meeting in Edinburgh for a nationwide study of outcomes of orthopaedic surgery for cerebral palsy. A small group (Alf Bass, Tim Theologis, Martin Gough, Richard Baker) has been asked to put some more thought into the application. This is to be developed for the new NIHR Health Services and Delivery Research (HS&DR) programme which is being launched in the new year. There are clear parallels between the proposals but also several differences. Perhaps the biggest difference will be that we will be applying to different funding sources which we hope will increase the chances of one or other being funded. The plan is thus to continue to work on both proposals simultaneously and collaboratively. Perhaps the most important collaborative element in the immediate future is that any information collected to support either proposal will be shared with the other team so we won't be asking any CMAS members to waste time duplicating tasks.*

# STANDARDS REPORT

The CMAS Mid Year meeting was held at Birmingham International Airport on October 14<sup>th</sup> 2011. Attendance was excellent, with over 30 participants.

The main discussion in the morning session was around staffing. Five different laboratories gave short presentations on induction, training, record keeping, peer review and the challenges of running a small laboratory. Mark Corbett brought along voting units which made the standards session much more entertaining.

Presentations in the afternoon covered different aspects of the use of gait analysis as an outcome measure. We discussed what makes a good outcome measure and the use of a number of different overall indices of gait quality. The session finished with a lively debate over the outcome of a particular child who had received multilevel surgery. Once again the voting units came into their own. A number of issues were

raised during the afternoon discussions, and members were keen to pool gait analysis data into a single national database for multilevel surgery in cerebral palsy.

A standards committee meeting also took place on October 14<sup>th</sup>. Overall the auditing and accreditation processes are running smoothly. A number of new labs have expressed an interest in joining in with the accreditation process, though none has requested an external audit to date.

Sally Durham is standing down from the standards committee at the next AGM, and the main CMAS committee are in the process of identifying a replacement. Caroline Stewart will also be completing her term as Chair, and Mark Corbett has agreed to take over.

In the New Year members will once again be asked to ballot on changes to the standards. This year the changes should be relatively modest, as the

consensus meetings have had less direct impact on the areas covered by the standards. If any members would like to suggest changes to the standards a form is available in the latest version.

Now that accreditation has been achieved the standards committee are planning to publicise the work more widely. Caroline Stewart and Linda Eve have started work on a paper for submission to Gait & Posture. The committee has also joined up with the CMLA (the accreditation body in the States) to offer a tutorial at GCMAS. Those interested in seeing an alternative approach to accreditation might like to look at the CMLA website ([www.cmlainc.org](http://www.cmlainc.org)).

We look forward to seeing everyone at the AGM in Liverpool.

*Caroline Stewart—On behalf of the CMAS standards and accreditation committee*

## News and Updates

### QUESTIONNAIRE

At the last AGM in April, it was mentioned that the CMAS committee will be sending out questionnaires to members to canvas opinion on the format, content, and location of the annual CMAS meeting. This will be circulated shortly. In particular, we would value feedback regarding ease of access to the annual meeting, including funding. Please do respond to the questionnaire, as we would like to make the meetings as useful as possible.

### WEB SITE update

The website has recently been updated, and now includes documents and abstracts from previous consensus meetings, as well as the Annual meeting abstracts. In addition, as requested at the AGM, a new area for sharing Body-Builder code has also been added. These can be found in the "Members" area of the website. For any queries regarding the website then please get in touch with David Ewins - [d.ewins@surrey.ac.uk](mailto:d.ewins@surrey.ac.uk)

### CMAS Committee Update

Both David Ewins and Gill Holmes have recently come to the end of their terms on the committee. Both will be standing for re-election. If anyone else would like to be nominated, please get in touch with Julie Stebbins ([julie.stebbins@ouh.nhs.uk](mailto:julie.stebbins@ouh.nhs.uk)).

### CONGRATULATIONS to TANYA FORSTER

Congratulations to Tanya Forster (nee Sale) who got married in Bournemouth on 16th September. Please note her new email address: [Tanya.Forster@gstt.nhs.uk](mailto:Tanya.Forster@gstt.nhs.uk)



# The Back Page



## iFAB Meeting

**International Foot and Ankle Biomechanics  
University of Sydney, AUSTRALIA: 11th - 13th April 2012**

*An outstanding program is anticipated covering both basic and clinical aspects of foot and ankle biomechanics together with a social program that will discover the beauty and magic of one of the world's best cities for sights, culture and the arts, restaurants and dining, people and shopping.*

- December 1, 2011 - early-bird and presenters registration closes
- March 1, 2012 - registration closes
- April 10, 2012 - Pre-congress workshops
- April 11 - 13, 2012 - i-FAB 2012 congress days

Visit [www.i-fab2012.org](http://www.i-fab2012.org)

Enquiries to Congress Chair A/Prof Joshua Burns

E: [joshua.burns@sydney.edu.au](mailto:joshua.burns@sydney.edu.au)



### Dates for your diary

#### 11th Annual Meeting of CMAS

Liverpool: 23rd—24th April 2012

#### 21st Annual Meeting of ESMAC

Stockholm: 10th-15th September 2012

#### CMAS Standards Consensus Meeting

Birmingham Airport: 12th October 2012

#### iFAB Meeting

Sydney, Australia - 11th -13th April 2012

### 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 Forster



### Clinical Movement Analysis Society UK and Ireland

[www.cmasuki.org](http://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.



ERROR: undefined  
OFFENDING COMMAND:

STACK: