



# Newsletter

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## 2014 Annual Meeting

### AGM 2014 Oswestry

The 2014 CMAS AGM and conference will be hosted by the Robert Jones & Agnes Hunt Orthopaedic Hospital NHS Foundation.

The education and consensus components of the meeting will be held in the conference suite at the RJAH on the Monday afternoon. The main meeting and AGM on the Tuesday will be held in The Lion suite at the nearby Lion Quays Waterside resort ([www.lionquays.co.uk](http://www.lionquays.co.uk)).

The theme of this year's meeting is 'Everything but the walk!' we have two very well respected invited speakers in Dr Ed Chadwick from the Institute for Science and Technology in Medicine, Keele University, and Dr Penny Butler from The Movement Centre, Oswestry.

### Registration:

To register go to :  
[www.rjah.nhs.uk/cmas2014](http://www.rjah.nhs.uk/cmas2014)

### Key Dates:

**Abstract submission deadline:**

14th Feb 2014

**Early bird closing date:**

21st Feb 2014

**Registration closing date:**

28th Mar 2014



The entrance to the new Centre at ORLAU

# Measuring Walking: A Handbook of Clinical Gait Analysis

This handbook is based upon Richard's extensive experience of undertaking clinical gait analysis and managing clinical gait analysis services. The first two chapters provide an historical and clinical context for the material in the book and an overview of the use and presentation of the basic measurements normally seen in a gait analysis. The need to consider an alternative approach to the conventional phase division of the gait cycle is also introduced. Over the next 11 chapters, some of which have been written in collaboration with other experts in the field, the book reviews the collection and use of data common to (instrumented) gait assessments. Topics covered include the physical examination, video, electromyography, kinematics and kinetics. Techniques yet to gain widespread use in the clinical field such as muscle length modelling are also included. The final two chapters provide a commentary on setting up a clinical gait service and the setup and maintenance of a gait laboratory.

Guidance is provided on data capture in the clinical setting and the reader is encouraged to consider the implications of what can be a non-ideal process. The need to ensure acceptable quality in the data is a recurring theme, and explanations on how this can be achieved are provided. This includes a review of techniques to assess the repeatability for each measure collected.

An on-going issue with gait analysis is using the data to try and determine why a given patient walks the way they do. The book introduces an approach for impairment based interpretation of the data that can allow the analysis to proceed in a structured manner, but does this whilst making it very clear that final recommendations for treatment are for the appropriate trained clinician.

This is a well written and illustrated text, with key references provided in each chapter. Background theory has been deliberately kept to a minimum, but where used, for example in introducing the conventional (kinematic) gait model, it has been done in a conceptual rather than in a mathematical fashion, so as not to impact on the readability of the text. The book is approachable for all health care professionals working in the field of clinical gait analysis, whether they are new to the field or established practitioners, and is one that should be present in any gait laboratory – academic, clinical or industrial.

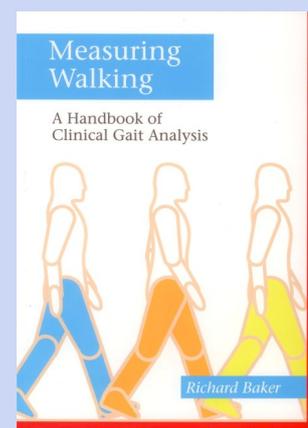
David Ewins, Gait Laboratory, Queen Mary's Hospital, London

## **Measuring Walking: A Handbook of Clinical Gait Analysis**

Richard Baker

Publisher: Mac Keith Press

ISBN: 978-1-908316-66-0



## Communication within the community

The CMAS listserver ([cmas@list.surrey.ac.uk](mailto:cmas@list.surrey.ac.uk)) can be used for general circulation of emails, e.g. for questions to the membership on subjects related to movement analysis. If colleagues do make use of this facility, however, it would be helpful if they would collate and distribute a summary of replies received.

The website has sections in the Members Only Area for Consensus, Past AGMs and Standards. If further sections are required, e.g. 'depository' for data processing scripts, David would be happy to set this up - just let him know at: [david.ewins@wpct.nhs.uk](mailto:david.ewins@wpct.nhs.uk)

## Members News

Congratulations to Jen McCahill who married Andrew McDonnell in Florida in December.

If you have anything newsworthy you would like to share with other members please contact me at [sgibbs@dundee.ac.uk](mailto:sgibbs@dundee.ac.uk)



## Dates for your diary

**Annual Meeting of ESMAC**  
Rome: 1st—4th October 2014

[www.esmac-siamoc2014.com](http://www.esmac-siamoc2014.com)

This is the first meeting where ESMAC and SIAMOC have combined forces. It should be an interesting meeting.

## Standards/Audit/Education Up-date

Most members will be aware that the Standards/Audit process has been running successfully now for a number of years. In the past couple of years there have been several requests for the Standards from several parts of the world and we should consider it a credit to the quality of our work that it is recognised far and wide as a basis on which to set up and run a gait analysis laboratory.

It will always be a work in progress but we as a community need to think about where we go from here in terms of the quality and education that we provide to our members, our clients and our purchasers.

Any thoughts on these issues will be welcomed. Please contact either Sheila Gibbs [sgibbs@dundee.ac.uk](mailto:sgibbs@dundee.ac.uk) or Mark Corbett [m.corbett@worc.ac.uk](mailto:m.corbett@worc.ac.uk)