



BIMM Together with IAMMM Present



PROGRAMME OF THE INSTRUCTIONAL COURSE FOR RELIABILITY IN MANUAL/MUSCULOSKELETAL MEDICINE: REPRODUCIBILITY AND VALIDITY

Saturday 19th June 2010

London College of Osteopathic Medicine, Boston Place, London NW1 6QH

Introduction - Jacob Patijn, 2nd Scientific Director IAMMM Academy 2009

This is a one day course organised by the International Academy of Manual/Musculoskeletal Medicine. The present course is based on the complete revised version of the Reproducibility and Validity Protocol

There are many different visions in Musculoskeletal Medicine in the world, with many different diagnostic procedures and many different therapeutic approaches.

The Academy wants to emphasise that good reproducibility of diagnostic tests in Musculoskeletal Medicine has the first priority. This kind of study is easy and cheap to perform and form the best base for mutual discussion between schools in Musculoskeletal Medicine.

Training of Musculoskeletal Medicine researchers and educationalists to perform reproducibility studies, as experts in the diagnostic field is of paramount importance. By doing so, they will professionalize their education system in an evidence based way. Diagnostic procedures become transferable and will lead to mutual discussions based on scientific results.

PROGRAMME

09.30 – 10.00		Registration
10.00 – 10.15	Presentation: Issue goals:	Welcome and Introduction (PowerPoint 01) Information about the background of the course, the previous work of the Scientific Committee in the past, the end goals of the course, overview of the course.
10.15 – 11.15	Presentation: Issue goals:	Theoretical Background Reproducibility Studies (PowerPoint 02) Explanation of the theoretical background and statistics used in reproducibility studies. The difference between reproducibility and validity of a diagnostic procedure, different kind of data in this kind of study and their special statistics, kappa value as the used measure for reproducibility in the course.
11.15 – 12.15	Practical Training: Issue goals:	Interobserver Agreement (PowerPoint 03) Estimation of the interobserver agreement by the participants of a chosen test, to become aware of different performances in observers of the same test, to realise its consequences for a reproducibility study with respect to the details of the performance of a diagnostic procedure. An overall agreement figure is calculated in two studies.
12.15 – 13.00		Coffee Break/ Small Lunch

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13.00 – 13.15	Presentation: Issue goals:	Reproducibility Protocol (PowerPoint 04) Explanation of the different phases of the Academy Reproducibility Protocol. Logistics of a reproducibility study
13.15 – 14.30	Practical Training: Issue goals:	Training Period: <i>hypothesis of a test</i> (PowerPoint 05) Based on the tests of the previous interobserver agreement session and other tests from M/M Medicine, participants have to learn the distinction between hypothesis of a test and the test procedure as such and its judgement in daily practice. Participants have to learn to reach a consensus about the performance, the new hypothesis and the judgement of tests.
14.30 – 15.00		Tee/Coffee Break
15.00 – 16.00	Practical Training: Issue goals:	Training Period of Protocol: Test Procedure (PowerPoint 05a) Based on the tests of the previous hypothesis morning session, the participants have to become familiar with the fact that minor details of test procedure are decisive for the overall agreement in a reproducibility study.
16.00 – 16.15	Presentation: Issue goals:	Overall Agreement Period of Protocol: <i>theory</i> (PowerPoint 07) Theoretical aspects of the overall agreement in a study. The necessity of a substantial agreement for the rest of the study. training period of the protocol with respect to statistics in reproducibility studies. Example of studies are presented.
16.15 – 17.00	Practical Training: Issue goals:	Overall Agreement Period of Protocol (PowerPoint 08) To perform an overall agreement period of the protocol and to reach a substantial overall agreement of over 80%.
17.00 – 18.30		Dinner
18.30 – 19.00	Presentation: Issue goals:	Study Period, Statistics and Publication of Protocol: <i>theory</i> (PowerPoint 09) To learn the 50% prevalence method in reproducibility studies. To perform simple analysis of the results of a study. To become familiar with the condition for proper publication.
19.00 – 20.30	Practical Training: Issue goals:	Semi-quantification of different categories of tests: <i>training</i> (PowerPoint 10) To learn the problems of quantification of the tests out of daily practise and those which are taught in educational courses in M/M Medicine.
20.30– 21.00		Evaluation Forms and Closure The course is evaluated by a questionnaire to improve future courses.

Cost: £195 Booking form available from www.bimm.org.uk or call 0208 421 9910