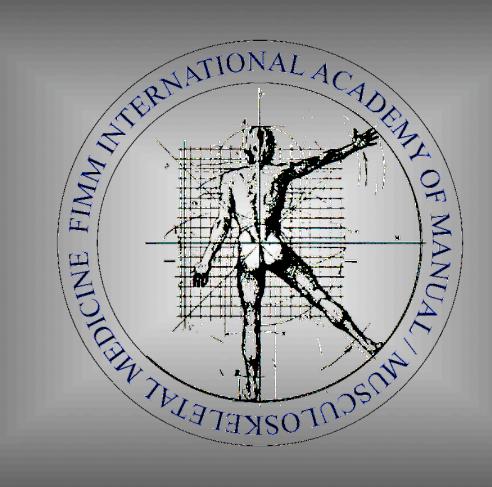
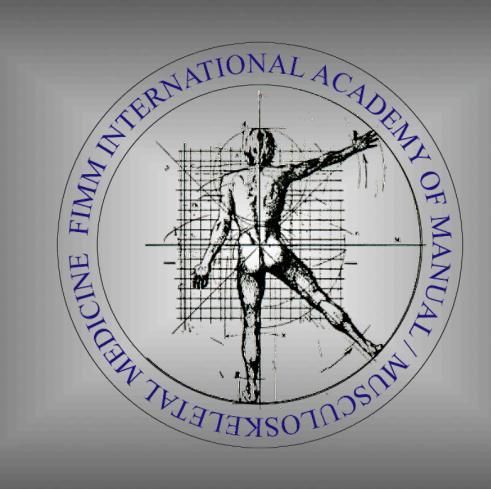
General Assembly, Copthorne 2005



Report of Academy Scientific Director

1st Academy Science Board Meeting



Chairman FIMM Scientific Committee 1997 - 2004



Jacob Patijn, MD, PhD, Neurologist, Physician for M/M Medicine Assoc. Professor, Pain Management and Research Centre Department Anaesthesiology, University Medical Centre Maastricht

Scientific Director of Academy 2005 - ?



Jacob Patijn, MD, PhD, Neurologist, Physician for M/M Medicine Assoc. Professor, Pain Management and Research Centre Department Anaesthesiology, University Medical Centre Maastricht



- Historical Overview Scientific Committee FIMM
- Transition to Academy
- Format Academy
- Academy Future Plans
- •First Science Board Meeting Prague 2005



Scientific Working Group

Jacob Patijn, Eindhoven, The Netherlands Jiri Dvorak, Zurich, Switzerland Richard Ellis, Salisbury, UK Philip Greenman, Michigan, USA Jean Yves Maigne, Paris, France Ron Palmer, Queensland, Australia Lars Remvig, Koege, Denmark Markus Schilgen, Munster, Germany Jan Vacek, Prague, Czech Republic Robert Ward, Michigan, USA



Primary Conditions

- 1. FIMM have to play an important role with respect to science in M/M Medicine
- 2. In the FIMM science should be outside national society interests
- 3. Any future scientific consultation structure has to have close relations with the FIMM
- 4. FIMM has to ratify the work of the Scientific Committee



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International Academy of Manual/Musculoskeletal Medicine

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Scientific Working Group



Scientific Committee



General Defined Tasks SC

- 1. Stimulate scientific work in M/M Medicine
- 2. Create conditions for scientific work in M/M Medicine
- 3. Create conditions for information exchange between schools in M/M Medicine



Defining the Problem in M/M Medicine



Problems in M/M Medicine

Too many different schools in M/M Medicine in different countries with too many different diagnostic procedures and too many different therapeutic approaches

Validity, Reliability, Sensitivity, Specificity of diagnostic procedures are still lacking

No information exchange between schools in M/MS Medicine

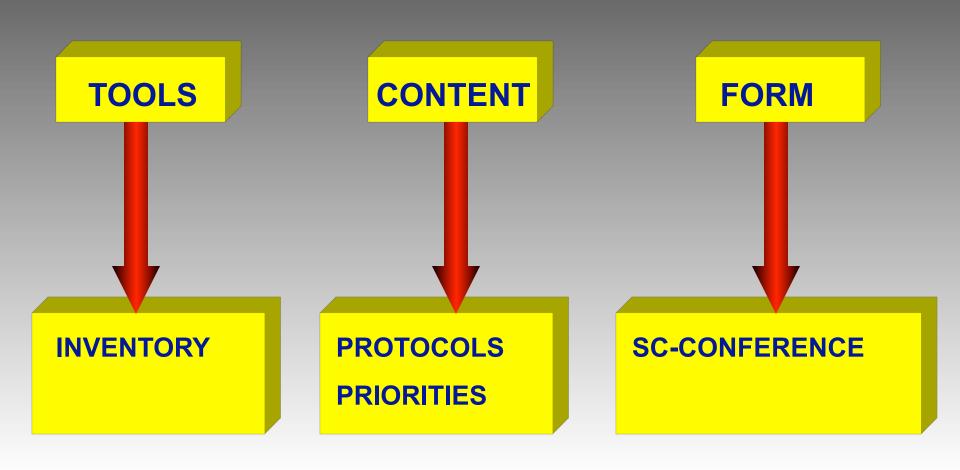
No homogeneous patient populations for therapeutic/prognostic trials

Efficacy of therapeutic effect is not proven yet

No professionalisation of M/M Medicine and no integration in regular medicine



Defining the Solution of the Problem







First place: Evaluation of Diagnostic Procedures in M/M M (reproducibility etc.)

1. are essential for mutual discussion between different schools

- 2. make diagnostic procedures transferable between schools
- 3. will professionalize educational systems in M/M M
- 4. provide valid tools for defining clinical syndromes in M/M Medicine
- 5. are cheap and most important for our profession
- 6. are accessible to any national society of the FIMM





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Second place: Efficacy in M/M M

- 1. Provide National Societies (education systems) with the state of the art of research results of efficacy studies in M/M M
- 2. Provide practitioners in M/M M with valid information about the efficacy of their daily used therapies.
- 3. Efficacy studies are expensive, time consuming and restricted to large institutes and/or university departments
- 4. Efficacy studies are suitable for multicenter studies





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Third place: Basic Research in M/M M

- 1. Provide National Societies (education systems) with a theoretical base for M/M Medicine
- 2. Provide practitioners in M/M M with a valid background of their profession
- 3. are expensive, time consuming and restricted to large institutes and/or university departments
- 4. Outcome is always uncertain and lead to research programs





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- 4. Outcome is always uncertain and lead to research programs





Scientific Protocols/Courses

- 1. SC will develop protocols for evaluating efficacy in M/M Medicine
- SC will provide National Societies with protocols for evaluating diagnostic procedures in M/M Medicine
- SC will offer National Societies with instructional courses on reproducibility and efficacy
- 4. SC will provide National Societies with statistical support





SC-Conference + National Society

- * hardly any mutual discussion between schools about their diagnostic and therapeutic approaches
- * FIMM congresses have not been able to effectively translate concepts and methods for others to assess and evaluate
- * research in M/M Medicine is commonly individualistic and empirical, making various methods difficult to objectively quantify
- * political considerations often inhibit free and open discussion



SC-Meeting Vienna, Austria	1998 d	lefinition of problem
SC-Meeting Paris, France	1999 solution of problem	
SC-Meeting The Hague, The Netherlands	2000	Lumbar
SC-Meeting Boppard, Germany	2001	Cervical
SC-Meeting Prague, Czech Republic	2002	Thoracic, Shoulder
SC-Meeting Odense, Denmark	2003	Extremities

EFFICACY

DIAGNOSIS



SC-Meeting Vienna, Austria	1998 definition of problem	
SC-Meeting Paris, France	1999 s	olution of problem
SC-Meeting The Hague, The Netherlands	2000	Lumbar
SC-Meeting Boppard, Germany	2001	Cervical
SC-Meeting Prague, Czech Republic	2002	Thoracic,Shoulder
SC-Meeting Odense, Denmark	2003	Extremities

^{*} Three day meetings

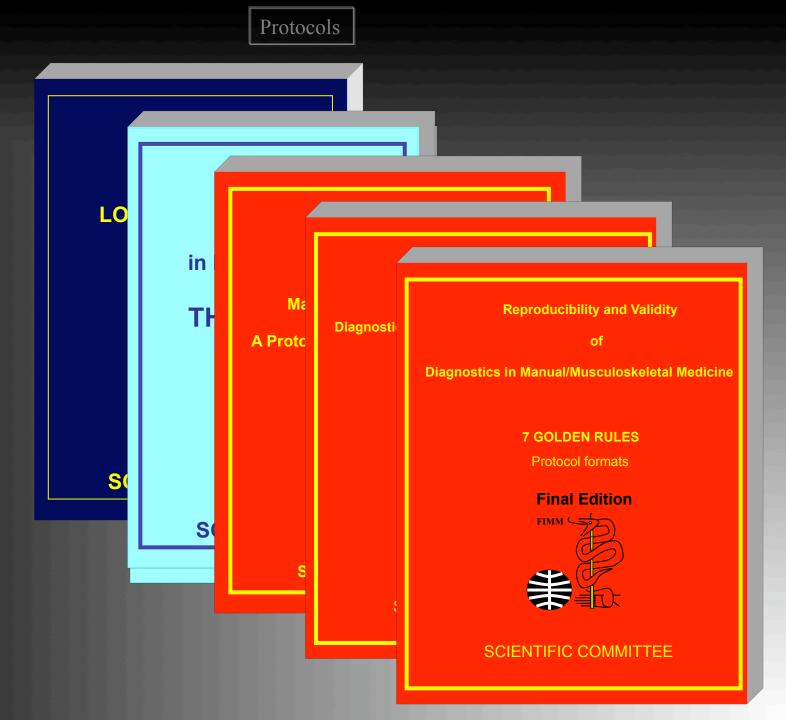
^{*} One day SC-Policy

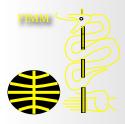
^{*} Two days 10-15 scientific presentations



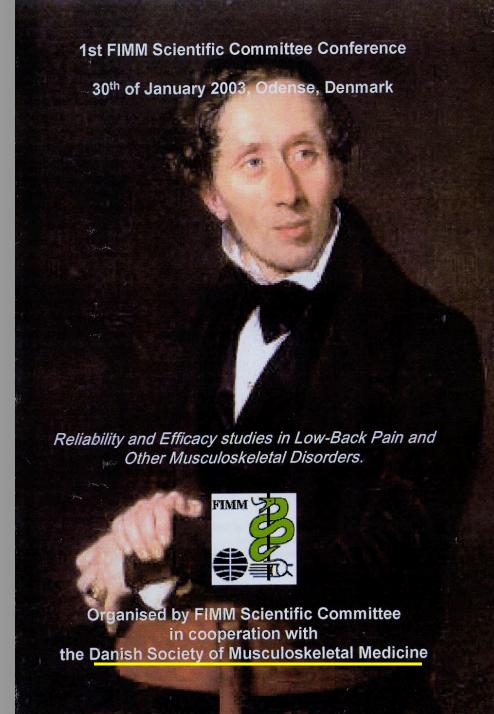
SC-Meeting Vienna, Austria	1998 definition of problem	
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SC-Meeting Boppard, Germany	2001	Cervical
SC-Meeting Prague, Czech Republic	2002	Thoracic,Shoulder
SC-Meeting Odense, Denmark	2003	Extremities
SC-Meeting Bratislava, Slovakia	2004	Basic Research
SB-Meeting Prague, Czech Republic	2005	Basic Research







Odense, Denmark 2003 1st SC-Conference



overall quality 8.6



MONTREUX 2003

1st Int. Instruct. Course

overall quality 8.5



EFFICACY

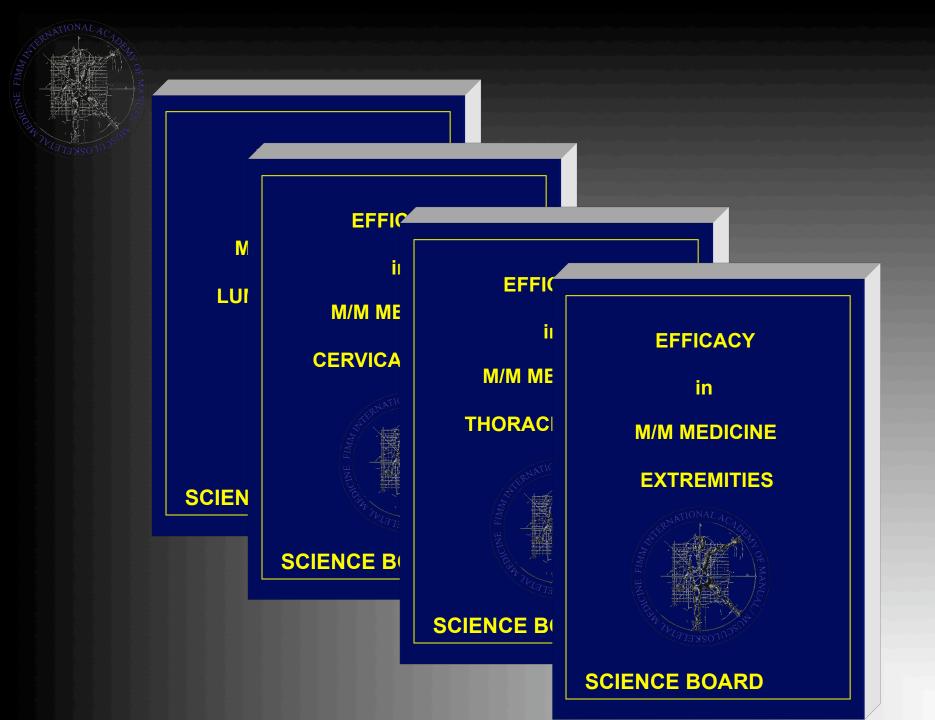
in

M/M MEDICINE

LUMBAR REGION



SCIENTIFIC COMMITTEE





REPRODUCIBILITY DIAGNOSTICS in M/M MEDICINE

EXTREMITIES



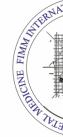
SCIENCE BOARD



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REPRODUCIBILITY DIAGNOSTICS

in

M/M MEDICINE

LUMBAR REGION



SCIENCE BOARD



in M/M MEDICINE

DYNAMIC POSTURAL CONTROL SYSTEM



SCIENCE BOARD



FIMM SC 1997 - 2004

Merits of SC

- defining the main problem within M/M Medicine
- providing solutions in the form of protocols, publications,
 International instructional course and SC-Conference
- •firm position of science within FIMM
- •influenced a change in attitude of the international community of the FIMM towards a more evidence based M/M Medicine

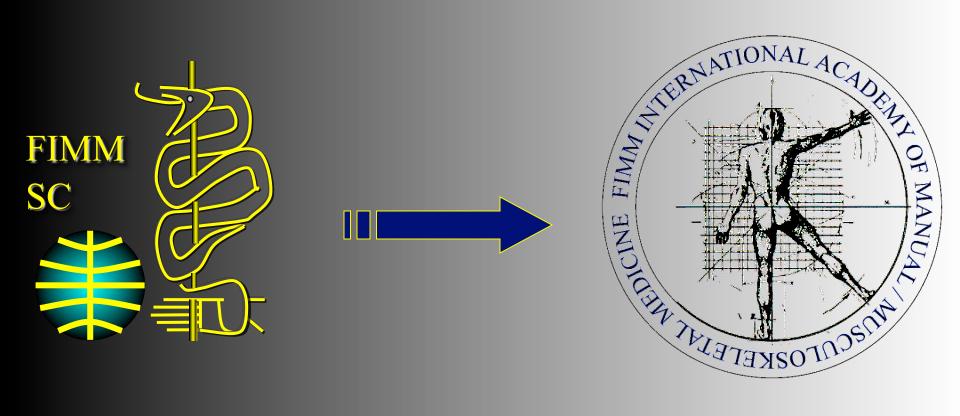


FIMM SC 1997 - 2004

Drawbacks:

- ➤ the diversity of approaches which exists in M/M Medicine was not reflected in the SC
- ➤ The composition of only twelve SC-members could not guarantee a further development towards a more evidence based M/M Medicine
- >Results of scientific work undertaken in countries with a different approach
 - could not be discussed and integrated internationally
- The format of the small SC could not guarantee the multidisciplinary and eclectic character of M/M Medicine.
- ➤ Scientists and Educationalists from the National Societies could not be involved in the work of the SC

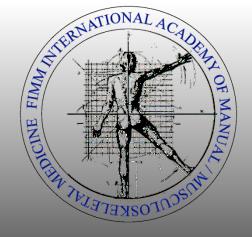
General Assembly, Bratislava 2004





Advantages

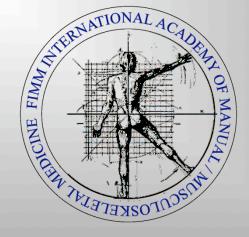
- •Involve more Scientists and Educationalists from the National Societies, can better guarantee increased professionalism of M/M Medicine in a more evidence based way
- Form a larger platform on which to interact and discuss the different approaches within M/M Medicine.



Changing the content?



No!



Problems in M/M Medicine

Many different approaches in M/M Medicine in different countries with many different diagnostic procedures and many different kind therapeutic entrances

Reproducibility, Validity, Sensitivity, Specificity of Diagnostic Procedures in M/M M are still lacking

Some information exchange between approaches in M/M M based on EBM

No evidence based education systems in M/M M based on EBM

No homogeneous patient populations for therapeutic/prognostic trials

Partial evidence based therapies in M/M M

NO EVIDENCE BASED M/M M and no integration in regular medicine

NO!

Core Business Academy: Diagnostics

✓ Updating Consensus Diagnostics in M/M M



✓ Updating Inventories Diagnostics in M/M M



✓ Continuous Instructional Courses



✓ Inventories Validity of Diagnostics in M/M M





Transferring to FIMM Education Board



NO!

Core Business Academy: Efficacy

- ✓ Updating Consensus Efficacy in M/M M
- ✓ Updating Inventories Efficacy in M/M M
- ✓ Continuous Instructional Courses
- ✓ Inventory Therapies in M/M M











Transferring to FIMM Education Board



NO!

Core Business Academy: Basic Research

✓ Elaborating Consensus Model Dynamic Postural Control System and M/M M



Elaborating separate fields of the model and their therapies



✓ Inventories Thinking models in M/M M





Transferring to FIMM Education Board



Changing the format?



NO and YES!



Primary Conditions

- 1. FIMM will play an important role with respect to science in M/M Medicine
- 2. In the Academy science should be outside national society interests
- 3. The Academy has a close relations with the FIMM

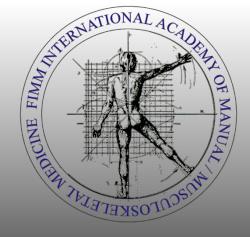
NO!



Primary Conditions

Academy membership has nothing to do with representation of National Society and therefore nothing to do with politics!!!!!!

NO!



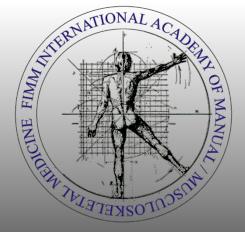
Primary Conditions

Academy membership has only to do with scientific and/or educational expertise!!!!!!

NO!



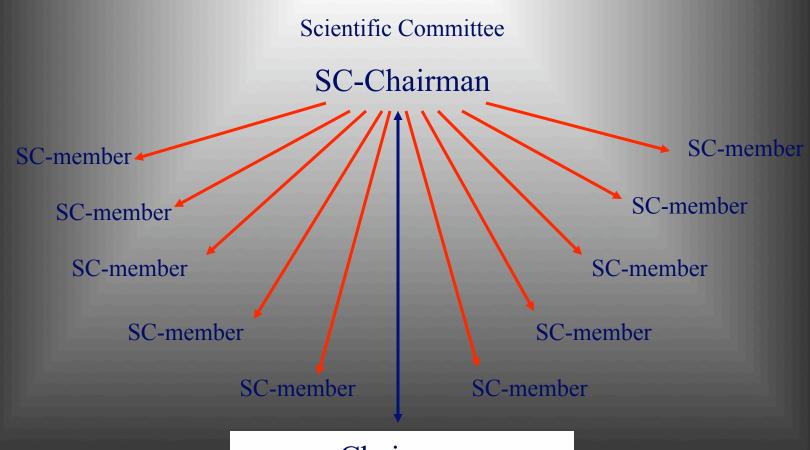
Changing the format?



Yes!



Working Format SC



Chairman

FIMM Education Committee



Organisation



Executive Board

Scientific Director

Science Board



- •1 Chairman (Hutson)
- •1 Scientific Director (Patijn)
- •1 Dep. Scientific Director (Remvig)
- •1 Administrative. Officer (Jannoun)
- •1 Finance Officer (Dvorak)



- •1 Chairman (= Scientific Director)
- •1 Vice- Chairman (= Dep. Scientific Director)
- •8 SB-members
- •1 Secretary member
- •1 FIMM EB-Director

Yes!



Organisation





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- •1 Secretary member
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Political, Administrative and Logistic Responsibility, General Academy Meeting, Formal Relation FIMM



Scientific and Educational Responsibility



Science Director + SB-Chairman:

Secretary Member

Deputy Science Director

SC-Members:

Professor Jacob Patijn, MD, PhD, Maastricht, The Netherlands

Jan van Beek, MD, The Hague, The Netherlands

Lars Remvig, MD, Denmark

Professor Olavi Airaksinen, MD, PhD, Finland

Professor Lothar Beyer, MD, PhD, Germany

Stefan Blomberg, MD, PhD, Sweden

Jean Yves Maigne, MD, France

Professor Michael M Patterson, PhD, Physiol, USA

Professor Berit Schiøttz-Christensen, MD PhD, Denmark

Jan Vacek, MD, Czech Republic

Professor Michael Yelland, MD, PhD, Australia



Committees

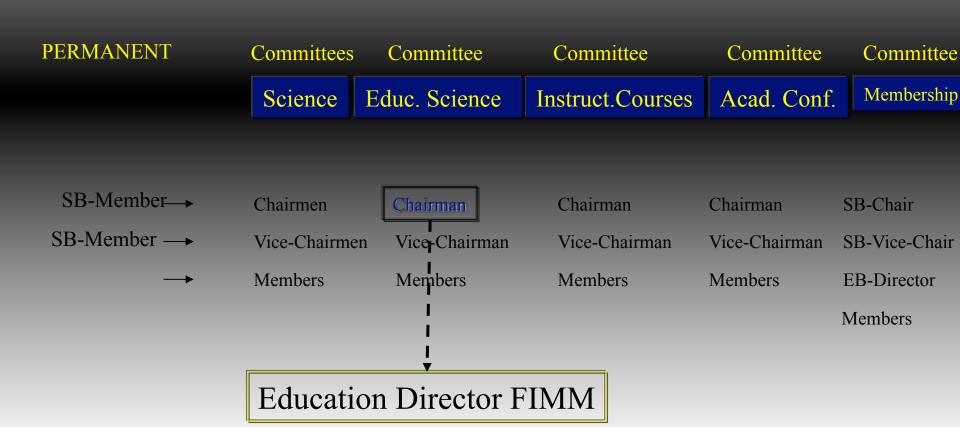
Science Educ. Science Instruct. Courses Acad. Conf. Membership



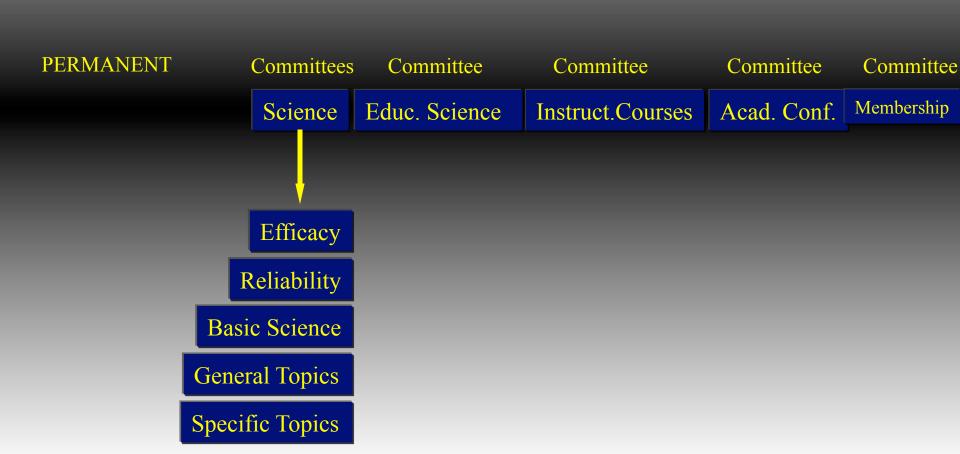
PERMANENT Committees Committee Committee Committee Committee

Science Educ. Science Instruct.Courses Acad. Conf. Membership















Lars Remvig

Science Board



Specific Topics



Permanent Science Committees

Chairmen Vice-Chairmen

Michael Yelland Stefan Blomberg

Olavi Airaksinen Berit Schiøttz

Michael Patterson Jacob Patijn



Responsible tasks Chair and Vice-Chair

- Pursue previous and new science policy
- Contact with Committee members
- Presentations on Academy Conference
- Publications
- Attract Academy Members



Permanent Science Committees

Chairmen Vice-Chairmen

Science

Responsible tasks Chair and Vice-Chair

- Elaborating Theme plans
- Presentations Theme Plans SB-meeting
- Presentation theme results Theme on SB-meeting
- Presentations on Academy Conference
- Publications
- Install Temporary Committees

Berit Schiøttz Lothar Beyer Jean Yves Maigne Lars Remvig General Topics

Specific Topics



Permanent Science Committees

Efficacy

Reliability

Basic Science

General Topics

Specific Topics

Format

- •Head/Cervical
- •Shoulder/Thoracic
- •Thoracic
- •Lumbar/Pelvic/Hip
- •Leg/foot
- •Arm/Hand



Permanent Science Committees

Efficacy

Reliability

Basic Science

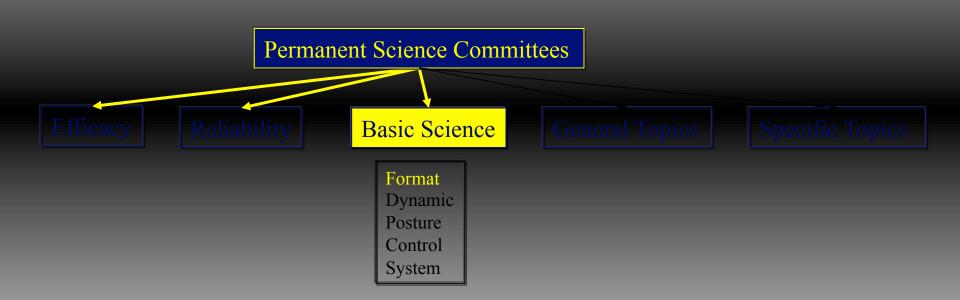
General Topics

Specific Topics

Format

- •Head/Cervical
- •Shoulder/Thoracic
- •Thoracic
- •Lumbar/Pelvic/Hip
- •Leg/foot
- •Arm/Hand







Permanent Science Committees

Basic Science General Topics Specific Topics

Complications M/M M

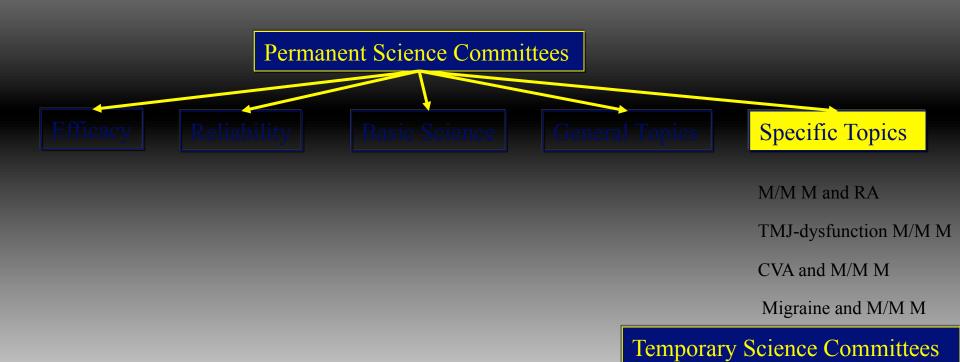
M/M M in the Elderly

Paediatric M/M M

M/M M and other Organ systems

Temporary Science Committees







PERMANENT Committees Committee Committee Committee Committee

Science Educ. Science Instruct. Courses Acad. Conf. Membership

Chairmen

Glen Gorm Rasmussen, Education Director FIMM

Vice-Chairmen Jacob Patijn, Academy Scientific Director

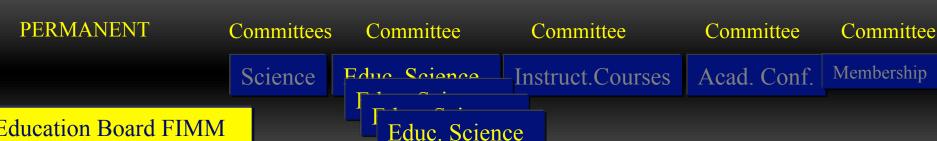


PERMANENT	Committees	Committee	Committee	Committee	Committee
	Science	Educ. Science	Instruct.Courses	Acad. Conf.	Membership

Education Board FIMM

- Source Information Education NS FIMM
- •Implementation EBM Education
- •EBM Core Curriculum
- •EBM Basic Course Intern. Teachers
- •Glossary Nomenclature M/M M
- •Glossary Diagnostics in M/M M
- •Glossary Therapies in M/M M

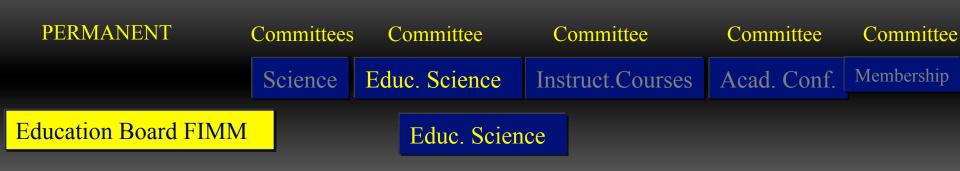




- **Education Board FIMM**
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- •EBM Basic Course Intern. Teachers
- •Glossary Nomenclature M/M M
- •Glossary Diagnostics in M/M M
- •Glossary Therapies in M/M M

- •Innovation Education Systems in M/M M
- University Graded Teachers in M/M M
- •Curriculum for University Graded Teachers in M/M M
- Academy Certification International Teachers in M/M M
- •M/M M in relation to additional therapy(ies) and/or systems





What is educated?

How is educated?



Science Board

PERMANENT Committees Committee Committee Committee Committee

Science Educ. Science Instruct.Courses Acad. Conf. Membership

Chairmen Jacob Patijn

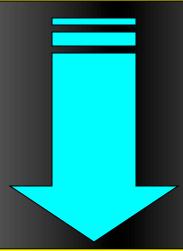
Vice-Chairmen Jean Yves Maigne



Academy International Instructional Courses play a Key Role in Implementation



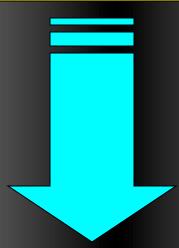
Reproducibility Courses Diagnostics in M/M M



Implementation through Educational Science Committee of the Academy!!!!



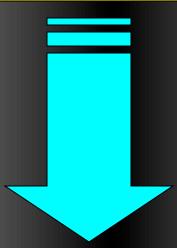
Reproducibility Courses Diagnostics in M/M M



Training Course Leaders out Educational Science Committee of the Academy!!!!



Reproducibility Courses Diagnostics in M/M M



Course Leaders give Course in different parts of the International FIMM Community



Science Board

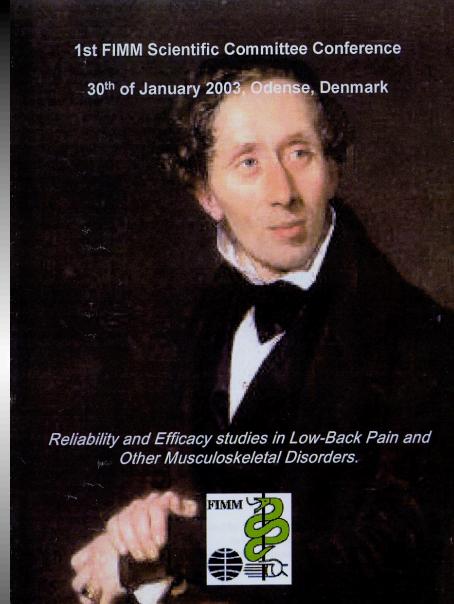
PERMANENT Committees Committee Committee Committee Committee

Science Educ. Science Instruct. Courses Acad. Conf. Membership

Chairmen Lars Remvig

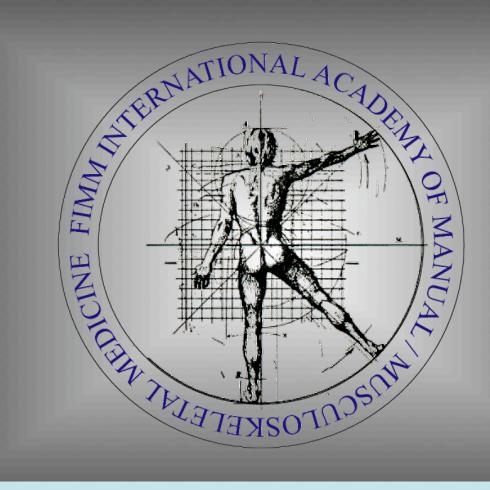
Vice-Chairmen Jan vacek





Organised by FIMM Scientific Committee in cooperation with the Danish Society of Musculoskeletal Medicine

FIMM International Academy of Manual and Musculoskeletal Medicine



ACADEMY CONFERENCE



Academy-Conference

format

- 1. in co-operation with national societies
- 2. the SB decides which national societies, in co-operation with the Academy will organise the next Academy-Conference
- 3. two years interval
- 4. duration 1 day

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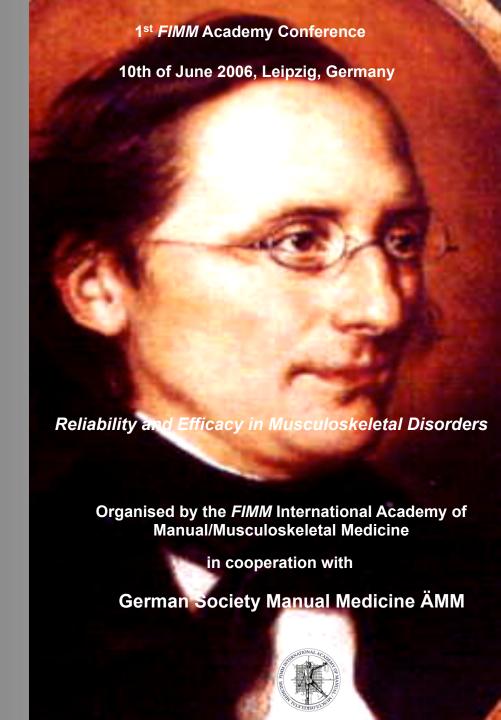
Academy-Conference

topics

- 1. Restricted topic M/M Medicine or related disciplines
- 2. Preliminary results efficacy studies
- 3. Proposals for study protocols
- 4. Preliminary results reliability studies
- 5. Sensitivity and specificity of diagnostic procedures of different schools in M/M Medicine
- 6. guidelines educational systems of different schools
- 7. Science Board presentations
- 8. Academy Committee presentations
- 9. Consensus Reports Academy
- 10. New Educational Formats
- 11. New Algorithms for Therapy

1st Academy Conference

Leipzig the 10th of June 2006



1st Academy-Conference

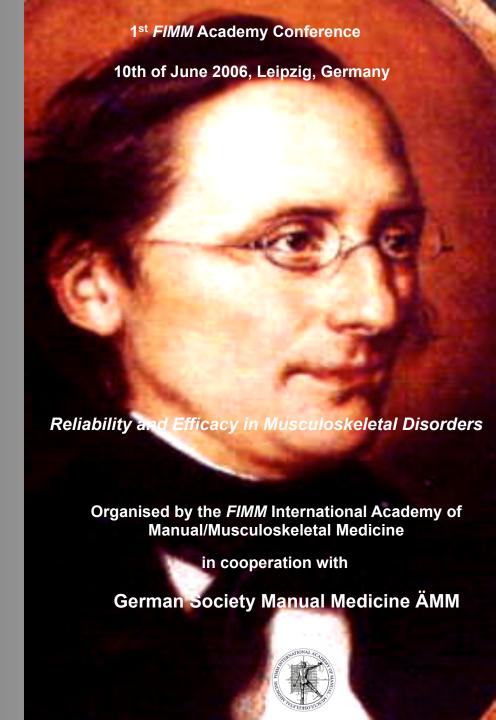
Leipzig the 10th of June 2006

Academy General Meeting

Leipzig the 9th of June 2006

Science Board Meeting

Leipzig the 7th -9th of June 2006





Science Board

PERMANENT Committee Committees Committee Committee Committee Instruct.Courses Science Educ. Science

Membership Acad. Conf.

Scientific Director Deputy Scientific Director Educational Director



Science Board

PERMANENT

Committees

Committee

Committee

Committee

Committee

Science

Educ. Science

Instruct.Courses

Acad. Conf.

Journal



Scientific Director Deputy Scientific Director



International rated Academy Journal of M/M Medicine



Further future activities FIMM Academy



Let us first finish what started in the SC!!!!!!!



Publication Presentations

SC-meeting Bratislava 2004 SB-meeting Prague 2005



Triggers Points in M/M M

EMG + Manipulation

Invasive Therapies in M/M M

Basic Research of SI-joint

Dynamic Postural Control System

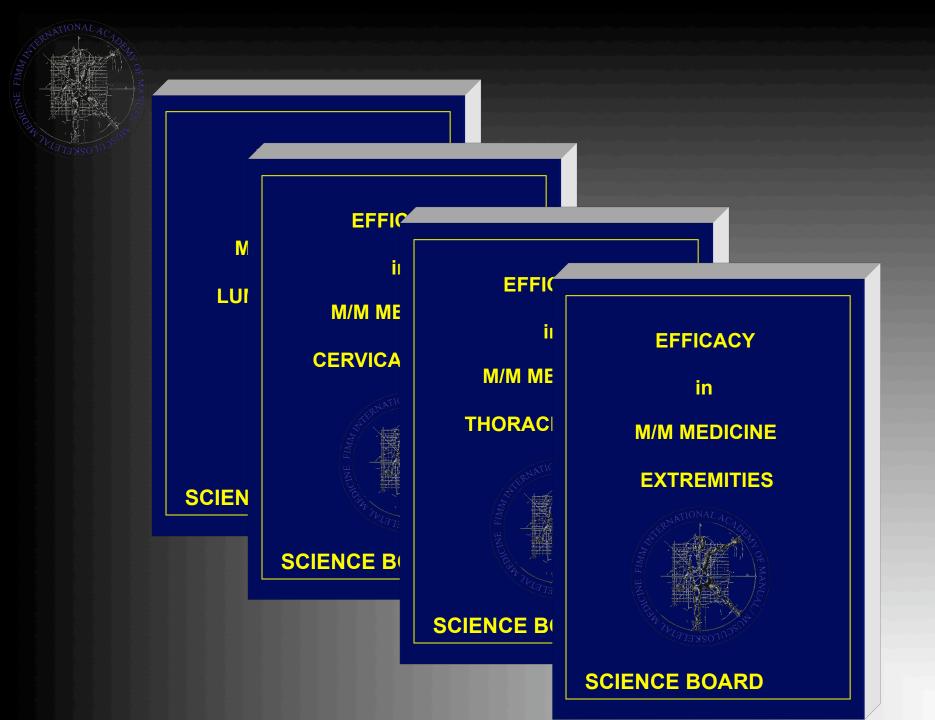
Ligaments, Soft Tissue and Pain in M/M M: the rational of prolotherapy

Pain and Propriocepsis in M/M M

Segmental Motion in M/M M: Functional Radiology

Muscle Energy Techniques

Exercises +Posture Posture in M/M M

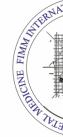




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in

M/M MEDICINE

LUMBAR REGION



SCIENCE BOARD



in M/M MEDICINE

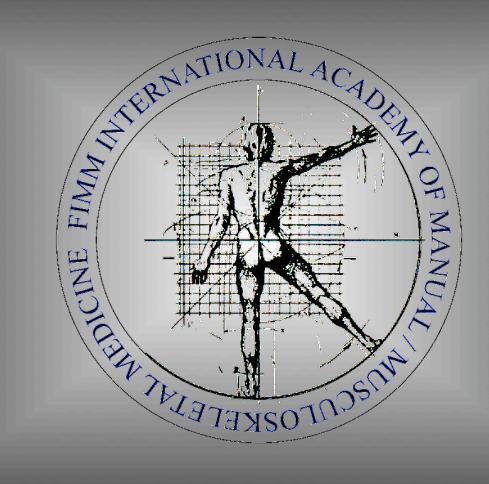
DYNAMIC POSTURAL CONTROL SYSTEM



SCIENCE BOARD



Scientific Expertise Educational Expertise



Thank You for your Attention



Conditions Scientist Academy Membership

- * MD, DO-American
- * University Medical Related Disciplines
- * Proof of active involvement Research (CV)
- * Publication(s) last 3 years in Journals and Congresse



Conditions Educationalist Academy Membership

- a. Experience in postgraduate teaching in M/M M
- b. Member Nat. Soc. Related to FIMM
- c. Course Leader or equivalent of Nat. Soc. Courses
- d. Endorsement of a,b and c by National Societies