

Cochrane Rehabilitation

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ESPRM Secretary General**

@CarlotteK
@CochraneRehab
@revaPellenberg
@ESPRM_

Trusted evidence.
Informed decisions.
Better health.



Programme

- **Cochrane Rehabilitation**
Carlotte Kiekens (Leuven, Belgium)
- **Benchmarking Controlled Trial-a novel concept covering all observational effectiveness studies**
Antti Malmivaara (Helsinki, Finland)
- **Generating evidence in rehabilitation: specific challenges and possible answers**
Thorsten Meyer (Bielefeld, Germany)
- **From evidence to everyday clinical PRM practice**
Stefano Negrini (Brescia/Milano, Italy)





Trusted evidence.
Informed decisions.
Better health.

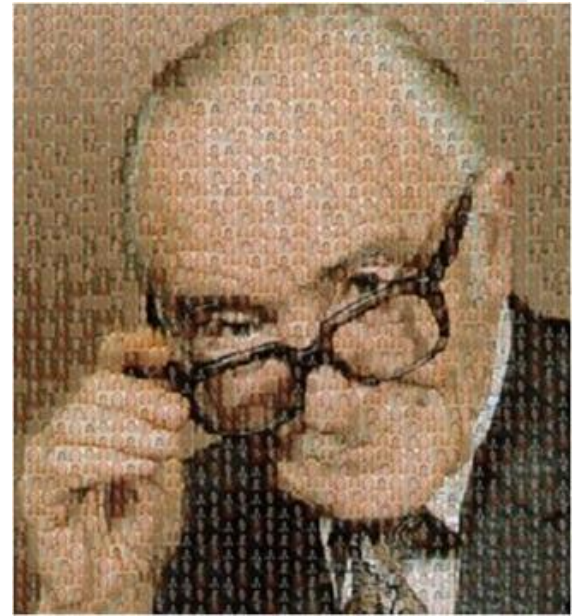
[Our evidence](#)[About us](#)[Get involved](#)[News and events](#)[Cochrane Library](#)

Our evidence

[See full list of our evidence.](#)

Cochrane vision

A world of improved health where decisions about health and health care are informed by high-quality, relevant and up-to-date synthesized research evidence.



What does Cochrane do ?

Cochrane gathers and summarizes the best evidence from research producing **systematic reviews and meta-analysis** including only Randomized Controlled Trials (RCTs).

Cochrane **does not accept commercial or conflicted funding**



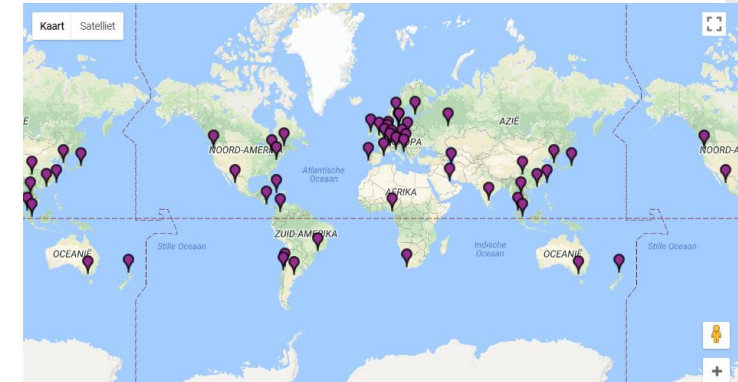
Cochrane Organization

Review Groups: systematic reviews (56)

Methods Groups: development of methods for reviews (17)

Centres: local knowledge translation

- (>52 countries & regions)



Fields: knowledge translation for a specific health community other than a condition (11)

Cochrane Fields

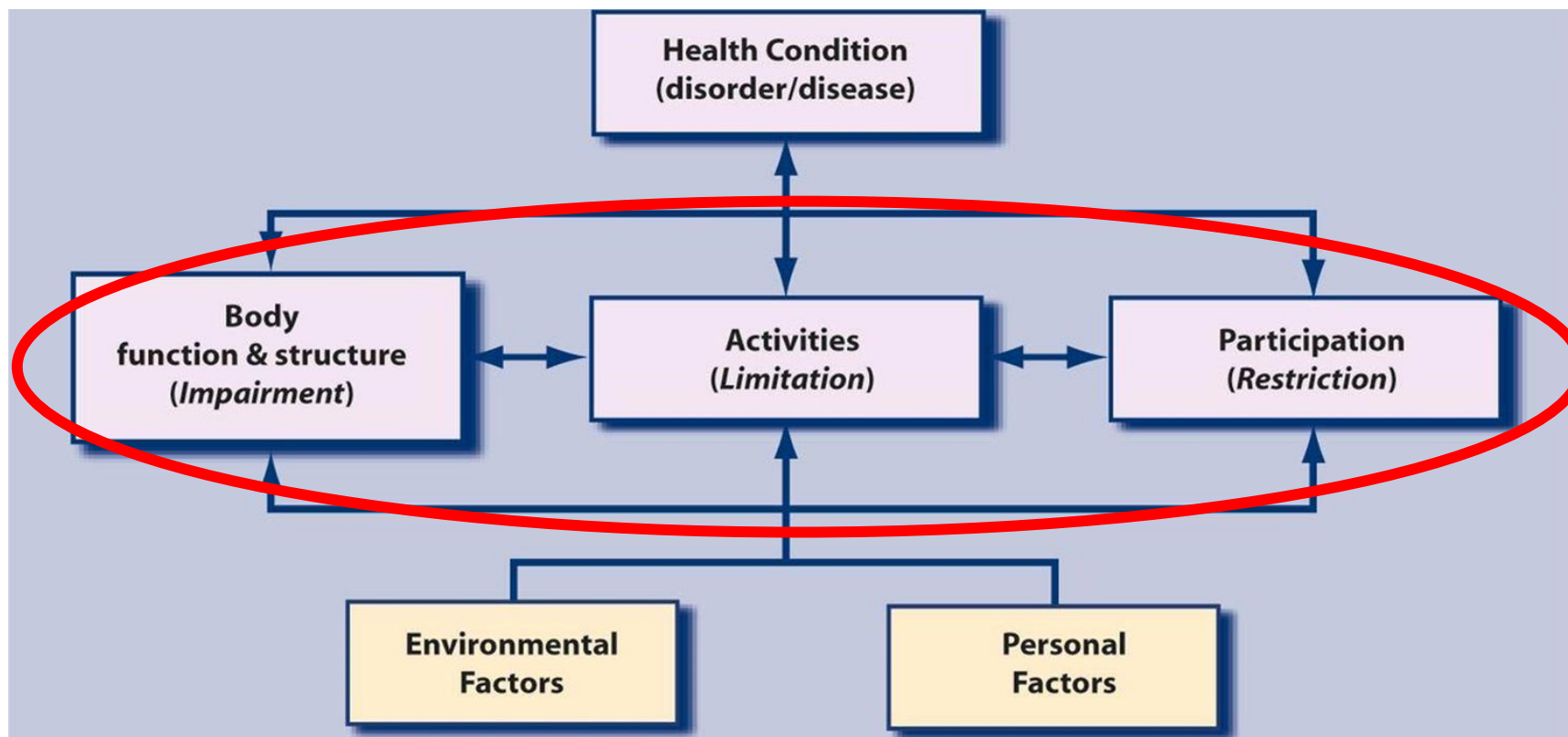
Focus on dimensions of health care other than a condition or topic

- the **setting** of care (primary care)
- the type of **consumer** (children, older people)
- or the type of **provider** (nursing).

Cochrane Rehabilitation focuses on a specific **health strategy**.

Cochrane Child Health
Cochrane Complementary
Medicine
Cochrane Consumer Network
Cochrane Global Ageing
Cochrane Insurance Medicine
Cochrane Neurosciences
Cochrane Nursing Care
Cochrane Nutrition
Cochrane Pre-hospital and
Emergency Care
Cochrane Primary Care
Cochrane Rehabilitation

Rehabilitation



Research problems in rehabilitation





56 Cochrane Review Groups

- | | | | |
|---|---|---|--|
| 1. Acute Respiratory Infections Group | 15. Developmental, Psychosocial and Learning Problems Group | 26. Hepato-Biliary Group | 40. Neonatal Group |
| 2. Airways Group | 16. Drugs and Alcohol Group | 27. HIV/AIDS Group | 41. Neuromuscular Group |
| 3. Anaesthesia, Critical and Emergency Care Group | 17. Effective Practice and Organisation of Care Group | 28. Hypertension Group | 42. Oral Health Group |
| 4. Back and Neck Group | 18. ENT Group | 29. IBD Group | 43. Pain, Palliative and Supportive Care Group |
| 5. Bone, Joint and Muscle Trauma Group | 19. Epilepsy Group | 30. Incontinence Group | 44. Pregnancy and Childbirth Group |
| 6. Breast Cancer Group | 20. Eyes and Vision Group | 31. Infectious Diseases Group | 45. Public Health Group |
| 7. Childhood Cancer Group | 21. Fertility Regulation Group | 32. Injuries Group | 46. Schizophrenia Group |
| 8. Cochrane Response | 22. Gynaecological, Neuro-oncology and Orphan Cancer Group | 33. Kidney and Transplant Group | 47. Skin Group |
| 9. Colorectal Cancer Group | 23. Gynaecology and Fertility Group | 34. Lung Cancer Group | 48. STI Group |
| 10. Common Mental Disorders Group | 24. Haematological Malignancies Group | 35. Metabolic and Endocrine Disorders Group | 49. Stroke Group |
| 11. Consumers and Communication Group | 25. Heart Group | 36. Methodology Review Group | 50. Test CRG |
| 12. Covidence Review Group | | 37. Movement Disorders Group | 51. Tobacco Addiction Group |
| 13. Cystic Fibrosis and Genetic Disorders Group | | 38. Multiple Sclerosis and Rare Diseases of the CNS Group | 52. Upper GI and Pancreatic Diseases Group |
| 14. Dementia and Cognitive Improvement Group | | 39. Musculoskeletal Group | 53. Urology Group |
| | | | 54. Vascular Group |
| | | | 55. Work Group |
| | | | 56. Wounds Group |

4 with >20 reviews of rehab interest

1. Back and Neck
2. Bone, Joint and Muscle Trauma
3. Musculoskeletal
4. Stroke



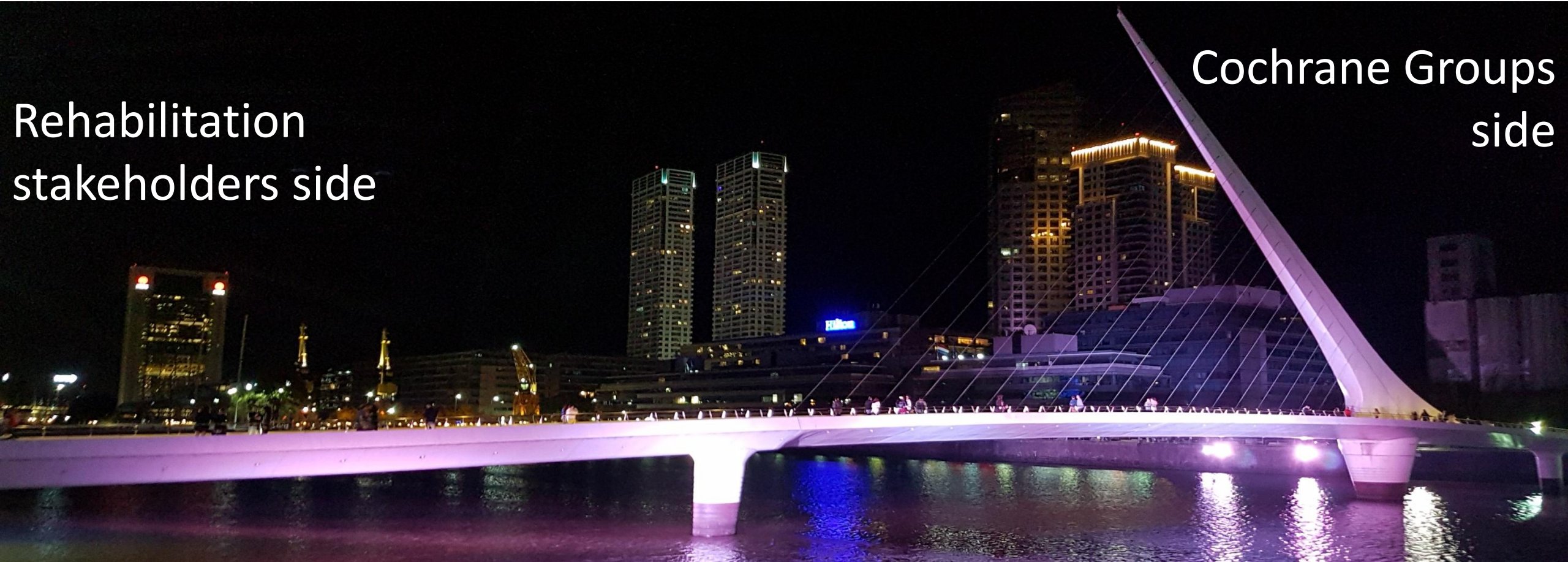
28 with ≥ 1 reviews of rehab interest

Role of Cochrane Fields: a bridge

- facilitate work of Cochrane Review Groups
- ensure that Cochrane reviews are both relevant and accessible to their fellow specialists and consumers

Rehabilitation
stakeholders side

Cochrane Groups
side



Vision

All **rehabilitation professionals** can apply
Evidence Based Clinical Practice

Decision makers will be able to take decisions
according to the best and most appropriate
evidence



Mission

Allow all rehabilitation professionals to combine the best available **evidence** as gathered by high quality Cochrane systematic reviews, with their own **clinical expertise** and the **values of patients**

Improve the methods for evidence synthesis, to make them coherent with the needs of disabled people and daily clinical practice in rehabilitation.



Goals

1. To **connect stakeholders and individuals** involved in production, dissemination, and implementation of evidence based clinical practice in rehabilitation, creating a global network
2. To undertake **knowledge translation for Cochrane** on reviews relevant to rehabilitation, with dissemination to stakeholders, in line with Cochrane's knowledge translation strategy
3. To develop a **register** of Cochrane and non-Cochrane **systematic reviews** relevant to rehabilitation
4. To **promote Evidence Based Clinical Practice** and provide education and training on it and on systematic review methods to stakeholders
5. To **review and strengthen methodology** relevant to **Evidence Based Clinical Practice** to inform both rehabilitation and other Cochrane work related to rehabilitation and stimulating methodological developments in other Cochrane groups
6. To promote and advocate for **Evidence Based Clinical Practice in rehabilitation** to other Cochrane groups and wider rehabilitation stakeholders

Organization





Advisory Board

3 Cochrane Groups: Italy, Musculoskeletal, Stroke

5 World Scientific Societies: ISPO, ISPRM, WCPT, WFNR, WFOT

4 Regional Scientific Societies: AMLAR, AOSPRM, ESPRM, UEMS-PRM
Section

12 Journals: Am J PMR, Arch PMR, Aust Occup Ther J, Clin Rehabil, Dev
Neurorehabil, Eur J PRM, JOSPT, J Rehab Med, Manual Ther, Neurorehab
neural repair, Phys Ther, Prost Orthot Int

4 Experts: China, Colombia, Switzerland, USA

4 Representatives: consumers, LMIC (2), WHO

[First meeting in Buenos Aires during ISPRM 2017](#)



Director

Define **Knowledge Translation (KT) strategy**

Set and maintain direction, scope and organization

Promote the aims and work of Cochrane within the Field's area of care

Take responsibility for representing the Field at an international level

Link with groups in- and outside Cochrane

Allocate Field's resources

- Funds 2017-2019 for Headquarters secured
- Fund-raiser position: Andy Haig (USA)
- Treasurer to be found

One of the 12 members of the KT Advisory Board of Cochrane

Field Coordinator

Define the **Networking strategy**

Coordinate and supervise work of committees, representatives, units and individual members

Liaise with Managing Editors to ensure that Field is represented in appropriate CRGs



Headquarters team

Rovato Headquarter

- Stefano Negrini, MD – Field Director
- Chiara Arienti, Mot Sci, DO – PhD Student
- Joel Pollet, PT – Researcher
- Roberta Bettinsoli , MLang– Secretary

Leuven

- Carlotte Kiekens, MD – Field Coordinator

[Link to Cochrane Central](#)

[Management of all activities and committees](#)

Headquarter of Cochrane Rehabilitation in Italy



Rehabilitation Centre "E. Spalenza-Don Gnocchi", Largo Paolo VI, Rovato (Brescia), Italy

Executive Committee

To advise and assist the Field Director on managerial issues

Is composed by

- chairs of the Committees
- representative of Rehabilitation Professionals
- representative of LMICs

Organigram



Review Database Committee

Goal 3. To develop a register of Cochrane and non-Cochrane systematic reviews relevant to rehabilitation

Tagging rules document

Tagging database using “Knack” online software

54 Cochrane Reviews published by Cochrane between January and May have been tagged

Ongoing tagging process, of all Cochrane database



Chair:
William Levack



Co-Chair:
Farooq Rathore

Rehabilitation reviews database committee

The reviews will initially be tagged in three categories:

- professional group
- health condition
- intervention type

At a later date, consideration will be given to tagging reviews by outcome categorised on the basis of **ICF**

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Evidence

List of Cochrane reviews of rehabilitation interest.

[Full list](#)[By Subtopic](#)[New - Updated](#)

(Stage filter not available for Subtopic view)

By subtopic:

▼ Health Conditions (100)

- ▶ Cardiac (3)
- ▶ Gynaecology or Urology (1)
- ▶ Mental Health (1)
- ▶ Neurological (26)
- ▶ Older Adults (>65 years) (16)
- ▶ Oncology (3)

Communication Committee

Goal 2. To undertake knowledge translation for Cochrane on reviews relevant to rehabilitation, with dissemination to stakeholders, in line with Cochrane's knowledge translation strategy

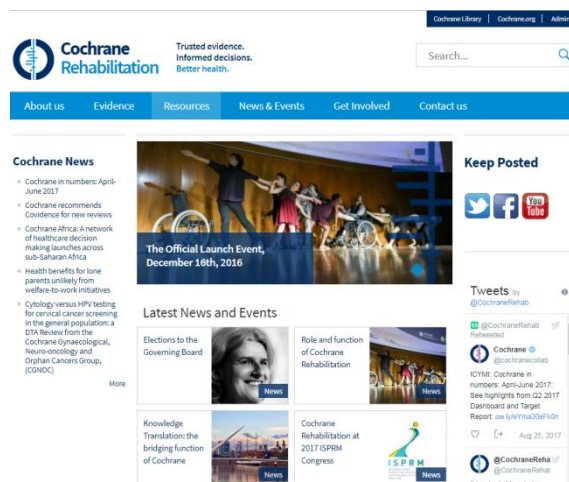
Website

Newsletter (334 subscribers)

Twitter (539 followers)

Facebook (1082 followers)

YouTube channel (27 videos)



Trusted evidence. Informed decisions. Better health.

Issue 1 | June 2017

Cochrane Rehabilitation was formally approved on October 22nd, 2016 and officially launched on December 16th, 2017.



Cochrane Rehabilitation Perspective



Role and function of Cochrane Rehabilitation



Chair:
Francesca Gimigliano



Co-chair:
Carlotte Kiekens

Publication Committee

Goal 2. To undertake knowledge translation for Cochrane on reviews relevant to rehabilitation, with dissemination to stakeholders, in line with Cochrane's knowledge translation strategy

9 papers (editorials and letters)

Cochrane Corners methodology

Cochrane Corners in scientific journals

Cochrane Rehabilitation E-book



Chair:
Frane Grubisic



Co-Chair:
Stefano Negrini

10 papers

2015

1. Negrini S, Kiekens C, Meerpohl JJ, Thomson D, Zampolini M, Christodoulou N, Delarque A, Gutenbrunner C, Michail X. Contributing to the growth of Physical and Rehabilitation Medicine (PRM): call for a Cochrane Field in PRM. Eur J Phys Rehabil Med. 2015 Jun;51(3):239-43.

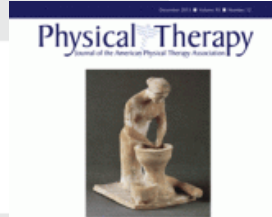
2016

1. Kiekens C, Negrini S, Thomson D, Frontera W. Cochrane Physical and Rehabilitation Medicine: Current State of Development and Next Steps. Am J Phys Med Rehabil. 2016 Apr;95(4):235-8.
2. Negrini S, Kiekens C, Levack W, Grubisic F, Gimigliano F, Ilieva E, Thorsten M. Cochrane physical and rehabilitation medicine: a new field to bridge between best evidence and the specific needs of our field of competence. Eur J Phys Rehabil Med. 2016 Jun;52(3):417-8.

1. Negrini S, Kiekens C, Levack W, Grubisic F, Gimigliano F, Ilieva E, Thorsten M. Cochrane Physical and Rehabilitation Medicine: A New Field to Bridge Between Best Evidence and the Specific Needs of Our Field of Competence. Phys Ther. 2016 Jul;96(7):1109-10.
2. Negrini S, Kiekens C, Levack W, Grubisic F, Gimigliano F, Ilieva E, Thorsten M. Cochrane Physical and Rehabilitation Medicine: A New Field to Bridge Between Best Evidence and the Specific Needs of Our Field. Arch Phys Med Rehabil. 2016 Aug;97(8):1226-7.
3. Negrini S, Kiekens C, Levack W, Grubisic F, Gimigliano F, Ilieva E, Thorsten M. Cochrane physical and rehabilitation medicine: A new field to bridge between best evidence and the specific needs of our field of competence. Man Ther. 2016 Dec;26:vii-viii.

2017

1. Negrini S, Arienti C, Gimigliano G, Grubišić F, Howe T, Ilieva E, Levack W, Malmivaara A, Meyer T, Engkasan JP, Rathore FA, Kiekens C. Cochrane Rehabilitation: organization and functioning. Am J Phys Med Rehabil (in press)
2. Negrini S, Kiekens C. Cochrane Rehabilitation Corners in the European Journal of Physical and Rehabilitation Medicine. Eur J Phys Rehabil Med (in press)
3. Levack W, Meyer T, Negrini S, Malmivaara A. Cochrane Rehabilitation Methodology Committee: An international survey of priorities for future work. Eur J Phys Rehabil Med (in press)
4. Negrini S, Gimigliano F, Arienti C, Kiekens C. Knowledge Translation: the bridging function of Cochrane Rehabilitation. Arch Phys Med Rehabil. 2017, accepted.



Education Committee

Goal 3. To promote Evidence Based Clinical Practice and provide education and training on it and on systematic review methods to stakeholders

Workshops

- General introduction: what is Cochrane and Cochrane Rehabilitation
- Cochrane Rehabilitation results
- Other EBM material

Courses on EBM and Cochrane



Chair:
Julia Patrick Engkasan



Co-Chair:
Elena Ileva

Workshops & educational sessions

1. 3/2017 Frankfurt Reha-Kolloquium 2017
2. 5/2017 Buenos Aires International Society of PRM
3. 9/2017 Cape Town Global Evidence Summit
4. 11/2017 Malta Mediterranean Forum of PRM
5. 11/2017 Maastricht Baltic North Sea Forum of PRM
6. 5/2018 Vilnius European Society of PRM
7. 7/2018 Paris International Society of PRM



Methodology Committee

Goal 4. To review and strengthen methodology relevant to Evidence Based Clinical Practice to inform both rehabilitation and other Cochrane work related to rehabilitation and stimulating methodological developments in other Cochrane groups

Two surveys on EBM problems in Rehabilitation

One poster at the Global Evidence Summit

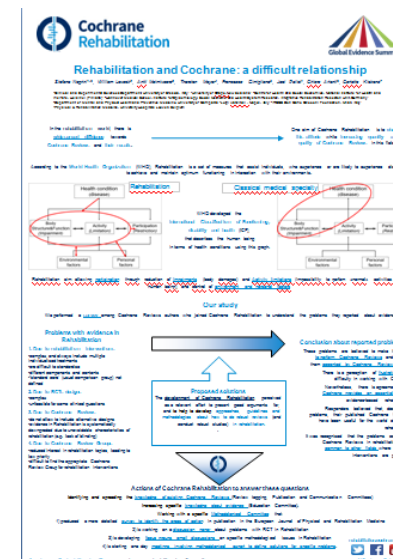
First Cochrane Rehabilitation Corner paper in the European Journal of PRM (October 2017)



Chair:
Antti Malmivaara



Co-Chair:
Thorsten Meyer



Representatives

Low Middle Income Countries (LMIC)

- Ensuring that all the work of Cochrane Rehabilitation will reflect the different perspectives of the Low and Middle Income Countries.

Rehabilitation Professionals

- Ensuring that all the work of Cochrane Rehabilitation reflect the different perspectives of the various people involved in the rehabilitation team, including professionals, consumers and care-givers

Review selection process in Pakistan

Professional Societies in the Advisory Board



LMIC
Farooq Rathore



Rehabilitation professionals
Tracey Howe

Individual members

- contribute to the mission of the Field:
- promoting Cochrane and Cochrane Rehabilitation in his or her community
- tasks are being prepared by the committees
- credits



The Network: individuals

Specific tasks defined by Committees

- 256 people from 54 countries

Review selection

Surveys: methodology, education

Translation of website and Newsletter

Link with National Societies and Cochrane Centres

Treasurer position call





Call to Cochrane Rehabilitation Community: Cochrane Review Tagging

Help wanted! The Cochrane Rehabilitation Review Committee is in the process of tagging all rehabilitation relevant reviews in the Cochrane database. The purpose of this work is to make these reviews more accessible to people involved in the work of rehabilitation. Eventually we may explore categorising these reviews by intervention and outcome types, but to begin with, we first have to find them.

We are crowd sourcing the work of tagging reviews. We have set an online database where users can sign up to contribute to the work of tagging reviews. A minimum of two people from different professional backgrounds will tag each review, and differences of opinion in tagging will be resolved by the Cochrane Rehabilitation Review Committee. Reviews relevant to rehabilitation will appear on the Cochrane Rehabilitation website under our section on "**Evidence**".



What is involved?

To see the kind of work that is involved, check out our instruction video for Cochrane Review taggers, [click here](#).

Who can be involved?

Taggers

Treasurer

Call for treasurer of Cochrane Rehabilitation

Dear Cochrane Rehabilitation Community member,

We need a Treasurer to join the Cochrane Rehabilitation Director, Coordinator and Headquarters and follow carefully the different sources of financing that are contributing to our Cochrane Field. He/she will also work with our Fund Raiser (Andy Haig), and will be supported by our secretary Roberta Bettinsoli. **Since most of the work is done in Europe, we would prefer someone in this continent.** We need **someone with some experience**, being able to give advice and monitor all our expenses.

The possible tasks include:

- Make a budget
- Make trimestral overview of the accounts (in/out)
- Prepare the invoices
- Do the financial transactions in close collaboration with headquarters secretary
- Organise the financial management of projects (ex. e-book)

Units

Fulfil all the needs of a **larger specific task** of
Cochrane PRM proposed by the committees

Produce Cochrane **reviews**, and **papers** in PRM
journals

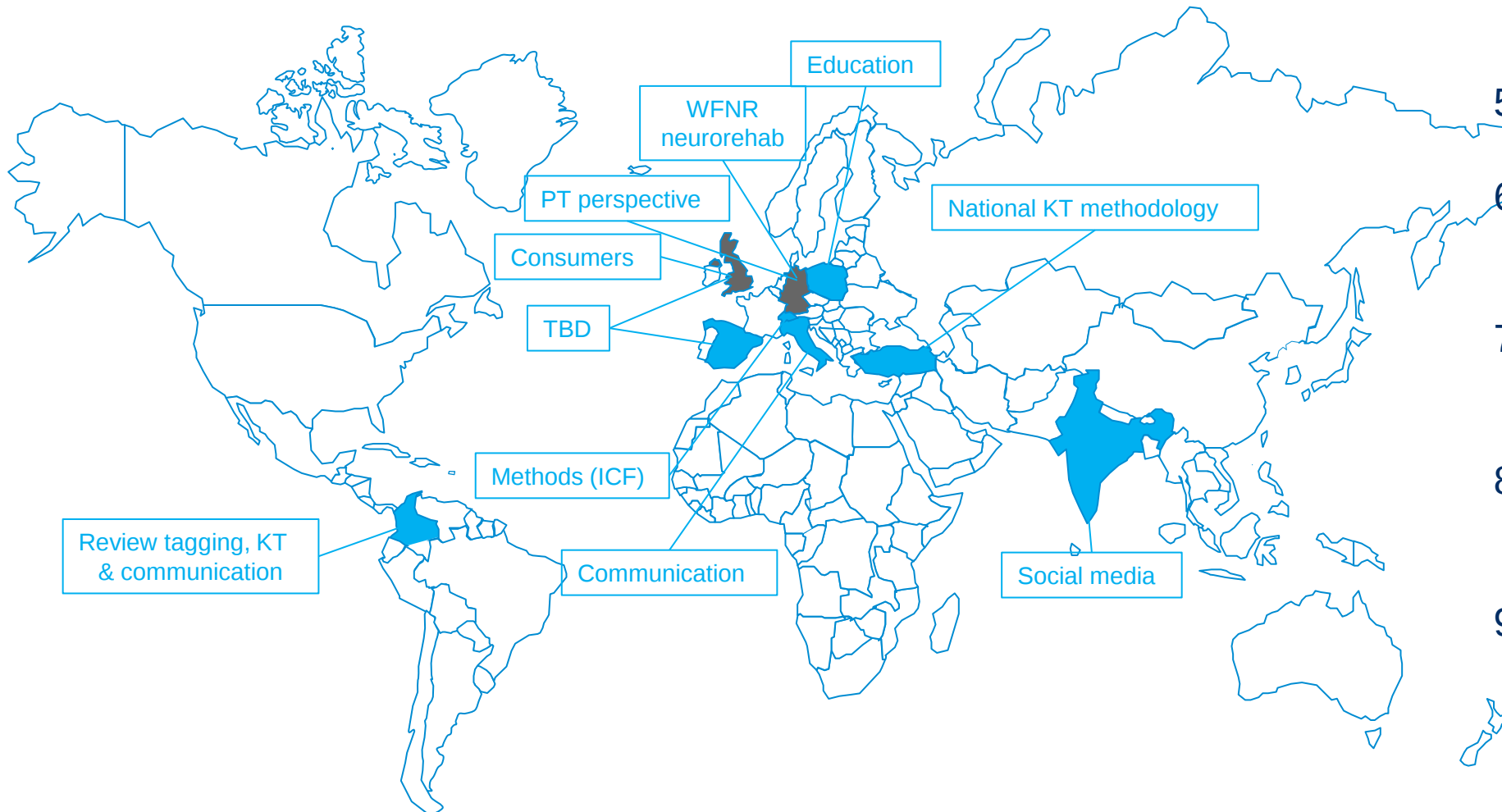
Tagging reviews

Organising courses

...



The Network: units – work in progress



1. University of Antioquia
(**Colombia**)
2. University of Warwick
(**England**)
3. Hochschule Furtwangen
(**Germany**)
4. World Federation of Neuro-Rehabilitation
(**Germany**)
5. Bharath University
(**India**)
6. Uniwersytetu Medycznego w Łodzi
(**Poland**)
7. Nursing Midwifery and Allied Health Professions
(**Scotland**)
8. Hospital Universitari Vall d'Hebron Barcelona
(**Spain**)
9. Turkish Society of Physical Medicine and Rehabilitation
(**Turkey**)

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21st

European Congress of Physical and Rehabilitation Medicine

**Cochrane Rehab
Workshop and session**

01 - 06.MAY.2018

Radisson Blu Hotel Lietuva

Vilnius . Lithuania

Professional Congress Organizer:

Goldair
congress

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E. info@esprm2018.com | W. www.goldaircongress.gr



ESPRM

European Society of
Physical & Rehabilitation Medicine



LSPRM

Lithuanian Society of
Physical & Rehabilitation Medicine

www.esprm2018.com

◆◆ SAVE THE DATE ◆◆

21st

European Congress of Physical and Rehabilitation Medicine

**Abstract deadline
November 12th**

01 - 06.MAY.2018

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