

# Cochrane Rehabilitation

**Carlotte Kiekens**  
**Physical and Rehabilitation Medicine**  
**UZ Leuven**

Trusted evidence.  
Informed decisions.  
Better health.

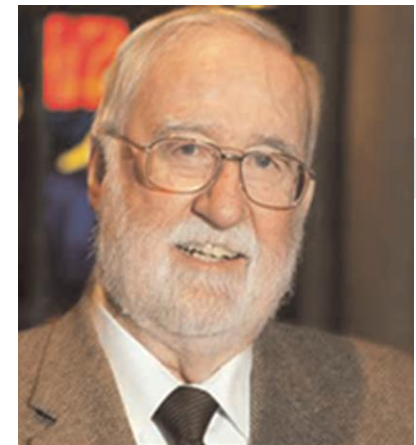


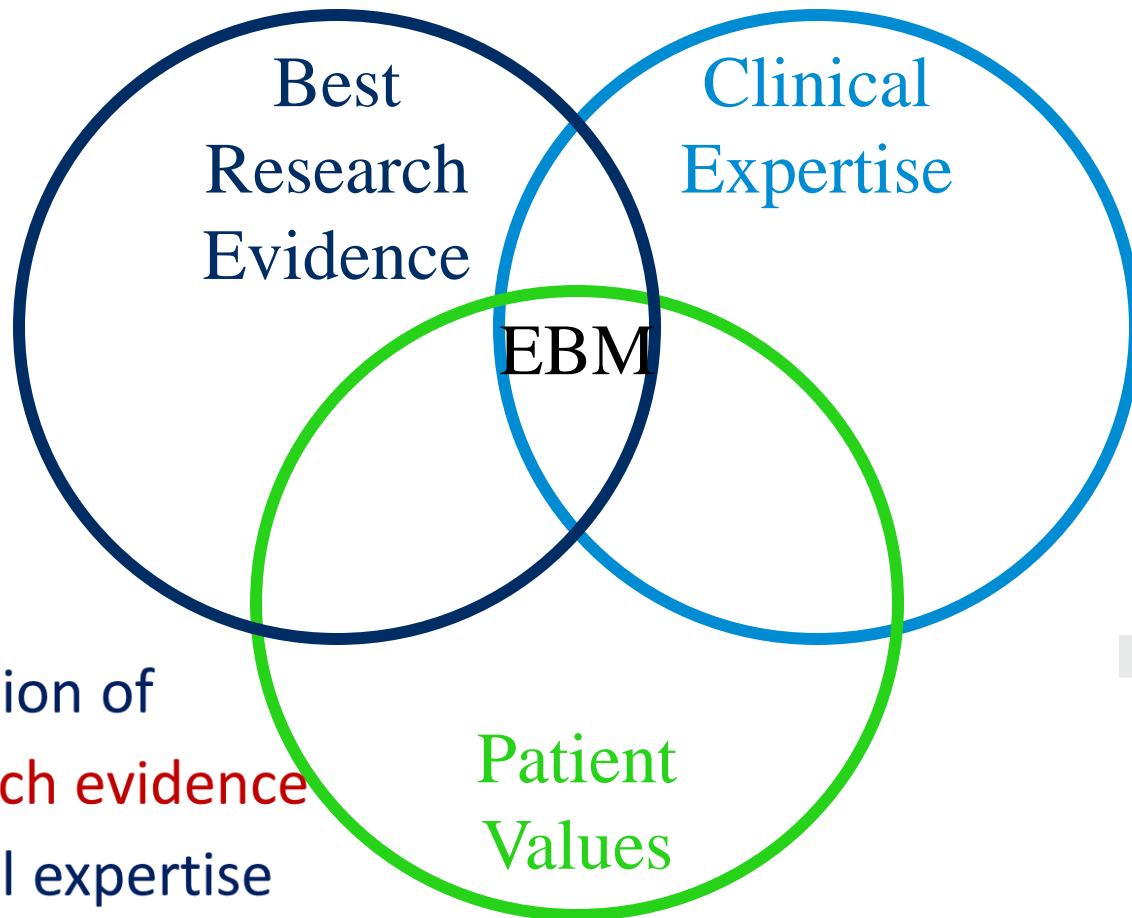
# Evidence Based Medicine

(JAMA 1990)

The explicit, conscientious, and judicious use of the current **best evidence** in making **decisions** about the **care of individual patients (and populations)**

David L. Sackett 1996





The integration of

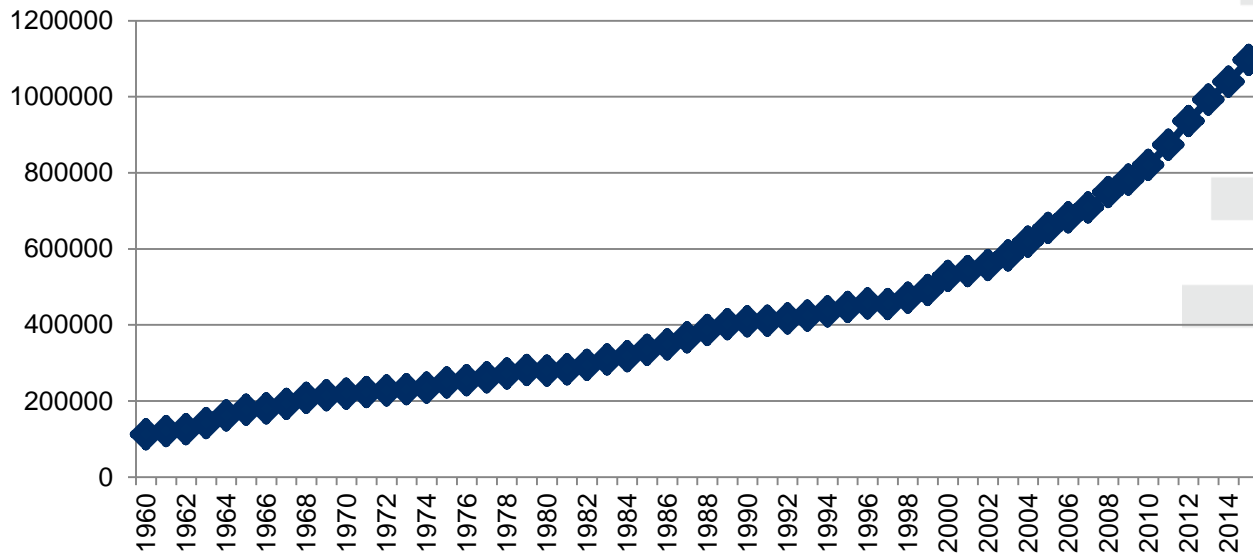
- **best research evidence**
- with clinical expertise
- **and patient values**

Sackett 2000

# Evidence Based Clinical Practice

# Growth of studies in PubMed

**Number of papers per year in Medline from  
1960 to 2015**



# Studies hierarchy



# What is Cochrane ?



Trusted evidence.  
Informed decisions.  
Better health.

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## Our vision, mission, and principles

- ◆ Contact us
- ◆ Cochrane Groups
- ◆ Our vision, mission, and principles
- ◆ Our strategy
- ◆ Our logo
- ◆ Our name
- ◆ Our partners and funders

### ***Our vision***

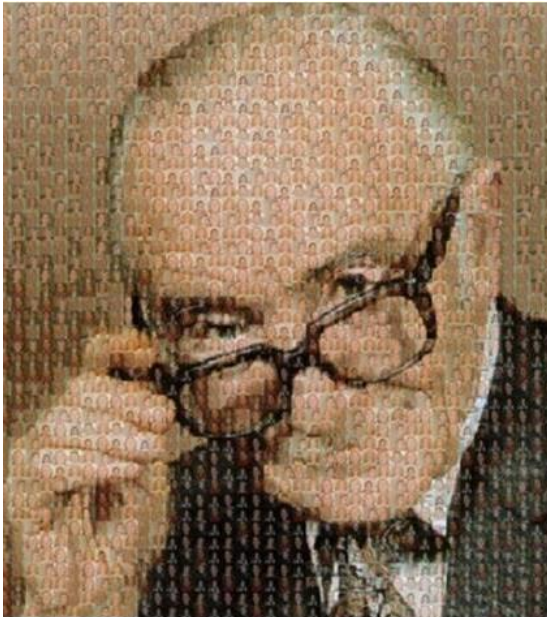
Our vision is a world of improved health where decisions about health and health care are informed by high-quality, relevant and up-to-date synthesized research evidence.

### ***Our mission***

Our mission is to promote evidence-informed health decision-making by producing high-quality, relevant, accessible systematic reviews and other synthesized research evidence.

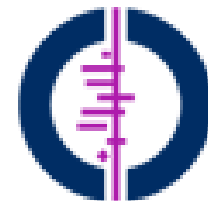
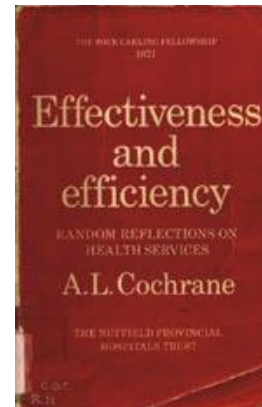


# Cochrane (1993)



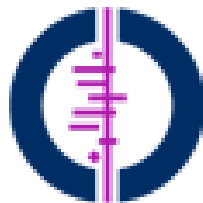
*Professor Archibald Leman  
Cochrane, CBE FRCP FFCM,  
(1909-1988) (as depicted by a  
composite of hundreds of photos of  
Cochrane contributors)*

*"It is surely a great criticism of our profession that we have not organised a critical summary, by specialty or subspecialty, adapted periodically, of all relevant randomised controlled trials."*



# What does Cochrane do ?

- Make **healthcare decisions** get better.
- Gather and summarise the **best evidence** from research to help you make informed choices about treatment.
- Cochrane is **for anyone** interested in using high-quality information to make health decision.



**Trusted evidence.**  
**Informed decisions.**  
**Better health.**



# Who is Cochrane ?

- Global independent network of researchers, professionals, patients, carers, and people interested in health.
- Cochrane contributors (37,000 from more than 130 countries) work together to produce credible, accessible health information that is free from commercial sponsorship and other conflicts of interest.
- Cochrane work is recognised as representing an international gold standard for high quality, trusted information.



# Knowledge translation



## Cochrane

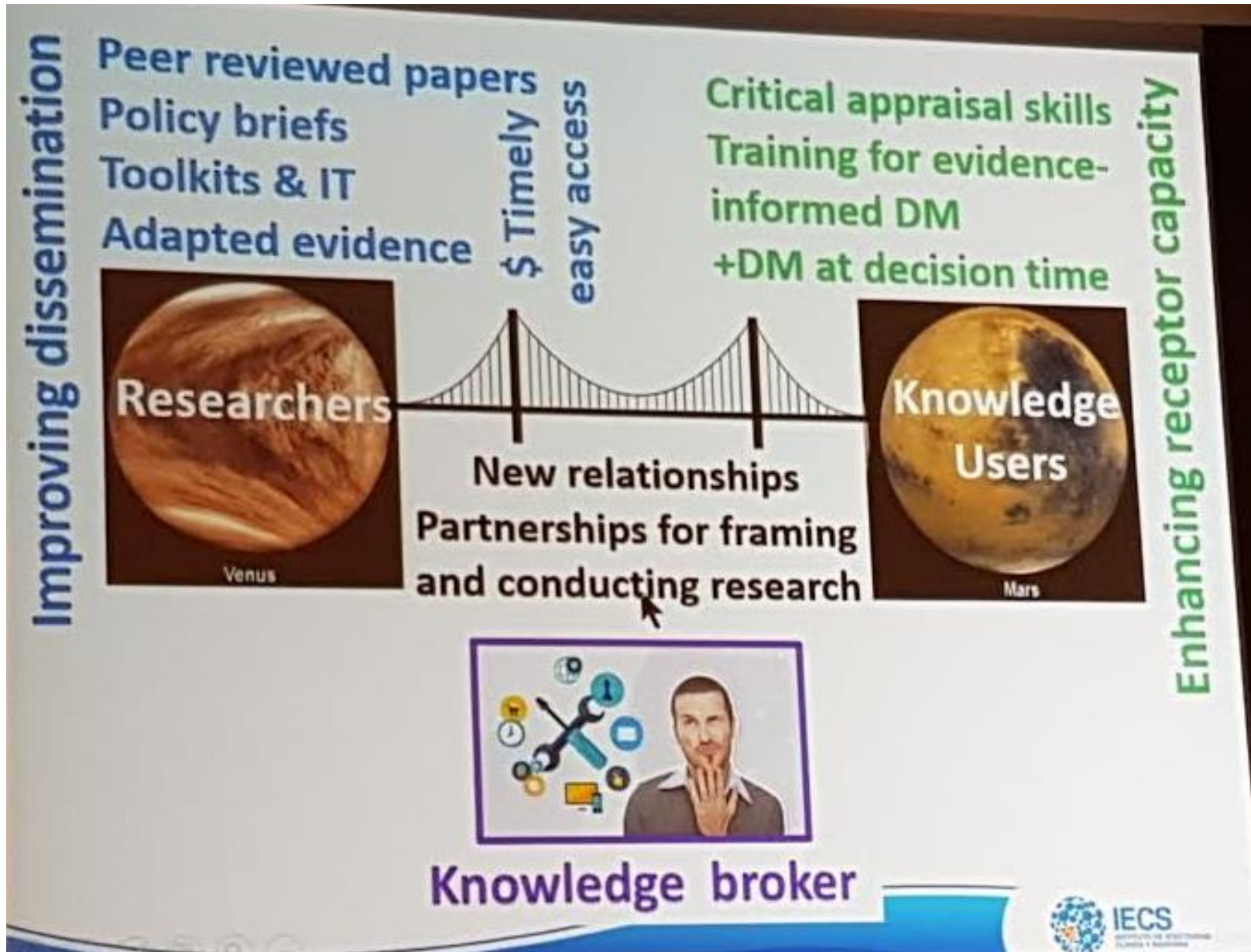
*Strategy 2020* aims to put Cochrane evidence at the heart of health decision-making all over the world.

To do this:

First: make it simpler, quicker and more efficient to produce Cochrane Reviews and other synthesized research evidence.

Second: increase the number of people worldwide accessing and using this evidence in their decision-making.

# Knowledge translation



# Cochrane Organisation

- Cochrane Review Groups
- Cochrane Centres
- Cochrane Fields and Networks
- Cochrane Methods Groups



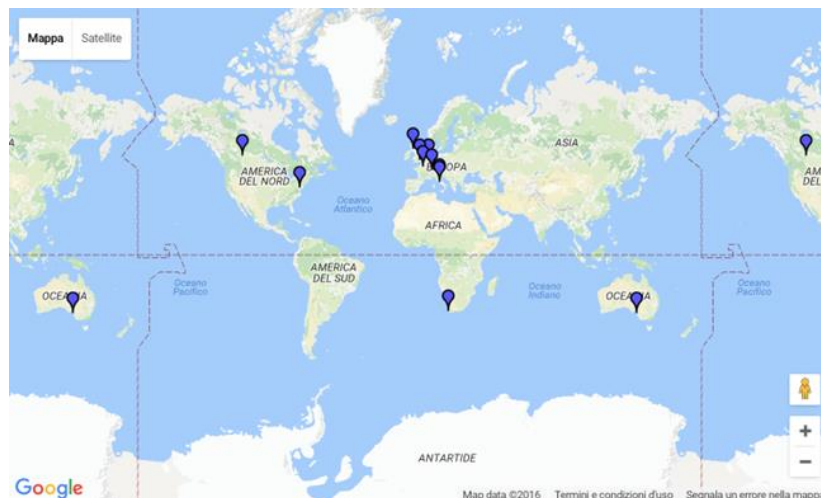
# Cochrane Review Groups $\geq 1$ SR of PRM interest = 28

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



# Cochrane Fields & Networks

- A Cochrane Field is an entity which focuses on a dimension of health care other than a specific healthcare problem
- **PRM** is a Dimension of Health whose interests inside Cochrane should be promoted and represented
- Name of the Field: **Cochrane Rehabilitation**



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**



# Aim

- **Cochrane Rehabilitation** is aimed to ensure that **all rehabilitation professionals** can apply **Evidence Based Clinical Practice**,
- combining the **best available evidence** as gathered by high quality Cochrane systematic reviews,
- with their own **clinical expertise** and the **values of patients**

# Objectives

- to identify and systematically spread the best available PRM evidence (Cochrane reviews)
- to conduct and disseminate PRM “overviews of reviews”
- to focus on relevant PRM topics not yet covered by Cochrane
- to improve research methodology in PRM
- to increase visibility of EBM activities relevant to PRM and of PRM in other fields of medicine



# Six Goals

1. Connect stakeholders and individuals involved in evidence based rehabilitation practice, creating a global network
2. Undertake knowledge translation for Cochrane on reviews relevant to rehabilitation, with dissemination to stakeholders
3. Develop a register of (non-)Cochrane systematic reviews relevant to rehabilitation
4. Promote evidence based clinical practice and provide education and training
5. Strengthen evidence based clinical practice methodology to inform rehabilitation and stimulating methodological developments in other Cochrane groups
6. Promote and advocate for evidence-based rehabilitation to other Cochrane groups and wider rehabilitation stakeholders



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Informed decisions.  
Better health.

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## Cochrane News

- ♦ Join the Cochrane Crowd 48-hour Citation Screening Challenge!
- ♦ Cochrane in the news: December 2016
- ♦ Cochrane seeks Junior Systems Administrator - London, UK
- ♦ 2016 winner of the prestigious Aubrey Sheiham Leadership Award for Evidence-Based Healthcare in Africa announced
- ♦ Cochrane Response seeks Editorial Assistant - London, UK

More



Welcome to the new Cochrane  
Rehabilitation Field

## Latest News and Events

Launch Event  
December 16th  
2016



Cochrane  
Colloquium 2017



## Keep Posted



Tweets by  
@CochraneRehab

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Retweeted

SIMF&R  
@simfer



TWEETS  
9

VOLGEND  
40

VOLGERS  
42

VIND-IK-LEUKS  
5



Volg je nu

**@CochraneRehab**

@CochraneRehab VOLGT JOU

[rehabilitation.cochrane.org](http://rehabilitation.cochrane.org)

Geregistreerd in november 2016



12 volgers die je kent



Tweets

Tweets en antwoorden

Media



@CochraneRehab heeft geretweet



**SIMF&R** @simfer · 8 u

Non solo Twitter, @CochraneRehab è anche un sito internet molto ricco di informazioni e tutto da scoprire [rehabilitation.cochrane.org](http://rehabilitation.cochrane.org)

Cochrane, Cochrane UK, The Cochrane Library en Mark G Wilson



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### Cochrane News

- Join the Cochrane Crowd 48-hour Citation Screening Challenge!
- Cochrane in the news: [Fluoride](#) 10/14



### Keep Posted



Wie te volgen · Vernieuwen · Meer...



**Maurizio Massucci** @mauri... ✕

+ Volgen



**S. I. R. N.** @SIRNit ✕

+ Volgen



**Paolo Boldrini** @paolobold ✕

+ Volgen

Vrienden zoeken

Trends · Wijzigen

#staai



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