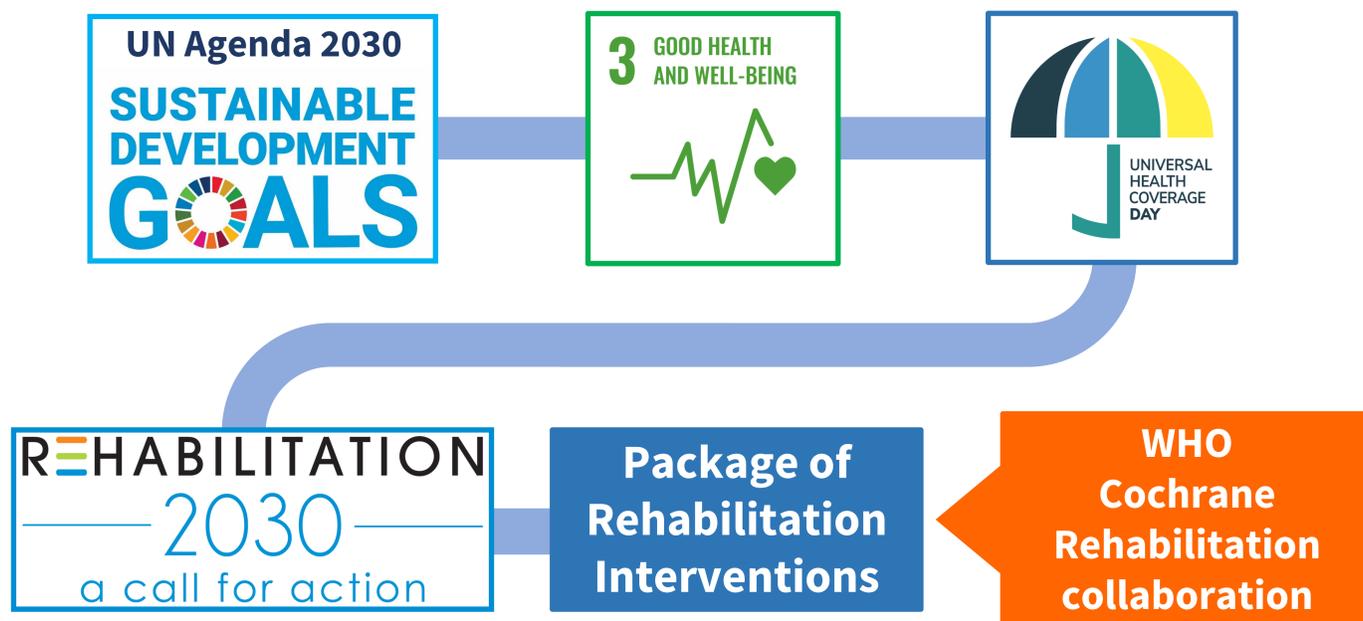


Overviews of reviews pour Cochrane Evidence in WHO Package of Rehabilitation Interventions

The Background



Stroke Reviews: Main studied problems	
1 Activities of daily living	10 Mobility
2 Aphasia	11 Motor function
3 Cognitive functions	12 Neglect
4 Dysarthria	13 Quality of life
5 Dysphagia	14 Spasticity
6 Executive dysfunction	15 Upper limb impairment
7 Falls	16 Vascular events
8 Fatigue	17 Visual field
9 Mental health	18 Walking

Review specific dataset items
• Author
• Publication year
• Title
• Date of search
• Number of included studies
• Number of participants

Outcome specific dataset	
• Population	• Corresponding risk (95% CI)
• Setting	• Relative effect (95% CI)
• Intervention	• Quality of evidence (GRADE)
• Control	• Up or downgrading reason
• Outcome	• Statistical method
• Outcome measure	• Heterogeneity
• Num of included studies	• Comments
• Number of participants	

Sample of Interventions for a specific problem	
Upper limb impairment	Action observation
	Constraint-induced movement therapy
	Electromechanical and robot-assisted arm training
	Hands-on therapy interventions
	Home-based therapy programmes
	Interventions for sensory impairment
	Mental practice
	Simultaneous bilateral training
	Virtual reality

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Reference:
¹One in 11 Cochrane Reviews Are on Rehabilitation Interventions, According to Pragmatic Inclusion Criteria Developed by Cochrane Rehabilitation
 Levack, William M.M. et al. Archives of Physical Medicine and Rehabilitation, Volume 100, Issue 8, 1492 - 1498

Methods

Research

- **One in 11 Cochrane Reviews Are on Rehabilitation Interventions¹**
- All Cochrane Reviews relevant to rehabilitation are catalogued on Cochrane Rehabilitation website

Data extraction

- **Review specific dataset:** identifies the review and gives a general idea of the content
- **Outcome specific dataset:** precisely describes each measured outcome of each intervention-control couple analyzed

Information synthesis

- **Tabular:** a row for every intervention-control couple with the measure of effect and evidence quality

Stroke Overview

- **894 of 9471** Systematic Reviews and Protocols are relevant to rehabilitation
- **97** focus on Stroke rehabilitation
- **80** are Systematic Reviews
- **62** match the inclusion criteria

Data source

- **1133 studies**
- **72864 patients**

Initial synthesis

- The reviews focus on **18 problems** related to stroke rehabilitation
- **Population:** all the reviews focus on adult stroke survivors, none is gender-specific
- **Quality of evidence:** for the 29 reviews missing an evaluation, the GRADE assessment was performed



Overview of Cochrane Systematic Reviews as a methodological tool to introduce Cochrane evidence in WHO guidelines: the Cochrane Rehabilitation experience

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