Is survival enough?
Strengthening
rehabilitation
towards the 2030
agenda

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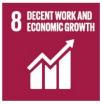
































Aim

- To raise awareness of the need to strengthen rehabilitation within health systems, particularly in low income countries
- To highlight the challenges
- To discuss the way forward- Partnership





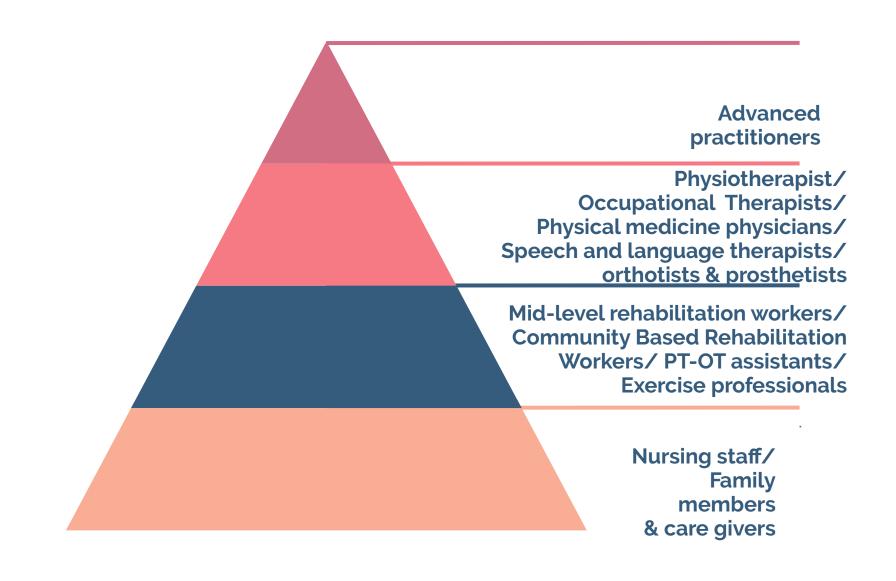
'Global trends in health and aging require a major scaling up of rehabilitation services in countries around the world and in low- and middle-income countries in particular',



Rehabilitation

- 'A set of measures that assist individuals who experience or who are likely to experience disability to achieve and maintain optimum functioning in interaction with their environment'
- (WHO 2011)
- 'Demand is high, Awareness is low'
- (Cieza, A, 2018)

Human Resources for Physical Rehabilitation Who are the workforce?



How do you strengthen rehabilitation where there is very little?

The Challenges

LACK OF REHABILITATION WORKERS

INTEGRATION INTO HEALTH SYSTEMS







FINANCIAL RESOURCES

GOVERNANCE





EDUCATION AND TRAINING



Partnerships

- Partnerships for advocacy and policy
- Partnerships for clinical practice
- Partnerships for education and training
- Partnerships for learning
- Partnerships for research



Partnerships for education and training

- What if you could harness the university's vision to engage globally and build partnerships?
- University to university
- University and NGO
- Opportunity for cross sectoral working
- Harnessing local capacity
- Understand the context e.g. geographical context, cultural context





Constructing a Global Learning Partnership in Physiotherapy: An Ireland-Uganda Initiative

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Partnerships for learning

Partnerships for research

- Robust evidence base
- Prevent and manage a range health conditions
- Across the lifespan
- Improve function, participation and quality of life
- But limited research in the context of LMICs
- Resources for research

DISABILITY AND REHABILITATION https://doi.org/10.1080/09638288.2018.1501617



A systematic review of physical rehabilitation interventions for stroke in low and lower-middle income countries

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ABSTRACT

REVIEW ARTICLE

Purpose: Approximation 70% of strokes occur in low and middle income countries, yet the effectiveness of physical rehabilitation in these contexts remains undetermined. This systematic review identifies and summarises the current education supporting physical rehabilitation interventions post-stroke in low and lower-middle income countries.

Methods: Five databases were comprehensively searched (April 2017) for randomised controlled trials, calcularly databases were comprehensively searched (April 2017) for randomised controlled trials, and cohort studies testing rebabilitation interventions post-stroke in these countries. The Effective Public Health Practice Project Tool assessed quality of included studies. Results: Sity+vox studies (2115) participantily were included, interventions addressed upper limb (r=26).

Results: Skty-two studies (2115 participants) were included, interventions addressed upper link (n=20, divert link) (n=22, and other (n=14 outcomes, Seven studies were rated as strong in quality, 16 moderate and 39 rated as week. Overall, in addition to usual care, physical rehabilitation interventions improved outcomes for tribde survivors, Best evidence synthesis provides level [1] by devidence supporting survivors apporting to the control of the con

> IMPLICATIONS FOR REHABILITATION

- Low-cost physical rehabilitation interventions requiring minimal resources can improve functions outcomes after stroke in low and lower-middle income countries.
- Exercise-based interventions can improve upper limb, lower limb, gait, and balance outcome after stroke.
- Brain training paradigms such as mirror therapy and motor imagery, when included in therapy packages, can improve upper limb and gait outcomes.
- The proven efficacy for rehabilitation interventions in improving stroke outcomes in low and low middle income countries supports the need to strengthen the rehabilitation workforce this context.

ARTICLE HISTORY Received 20 December 20 Revised 2 July 2018

KEYWORDS Stroke; physical rehabilitation; developin countries; cerebrovascul diseases; lower income countries





To conclude...

- Survival is not enough...
- ... The rehabilitation workforce must be strengthened

.... To ensure healthy lives and promote well being for all at all ages



Thank you!

- CPIHD
- Colleagues in UCD Physiotherapy
 - Professor Catherine Blake and Dr Sinead McMahon
- UCDVO and Caroline Mangan
- Stuart Garrett
- Students
- Clinical tutors
- Kisiizi Hospital, Uganda
- Nurture Africa, Uganda
- Asha Jyothi
- Ferrando Speech and Hearing Centre

- Mbarara University of Science and Technology, Uganda
- IFGH/ ESTHER Ireland
- ADAPT UK
- AKIN, Niger
- Humanity and Inclusion
- World Confederation for Physical Therapy
- Wolaita Sodo University, Ethiopia