

Abstract Presentations

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Formulating and Testing a Strategy for Introducing Pulmonary Rehabilitation (PR) for COPD Management in a Rural Indian Setting

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Breathing and feeling well through universal access to right care

Background

- The Global Initiative for Chronic Obstructive Lung Disease (GOLD), recommends that PR should be a part of integrated patient management.
- PR is an effective strategy to improve shortness of breath, health status and exercise tolerance.
- To address the inadequate knowledge and practice of PR in rural areas of Pune district, we need to develop a service tailored to the local setting.

Research Question

- What are the perceptions of individuals diagnosed with COPD and healthcare providers about need for Pulmonary Rehabilitation (PR) in rural Pune District?
- Can a PR service be designed and implemented in rural Pune District?

Objectives

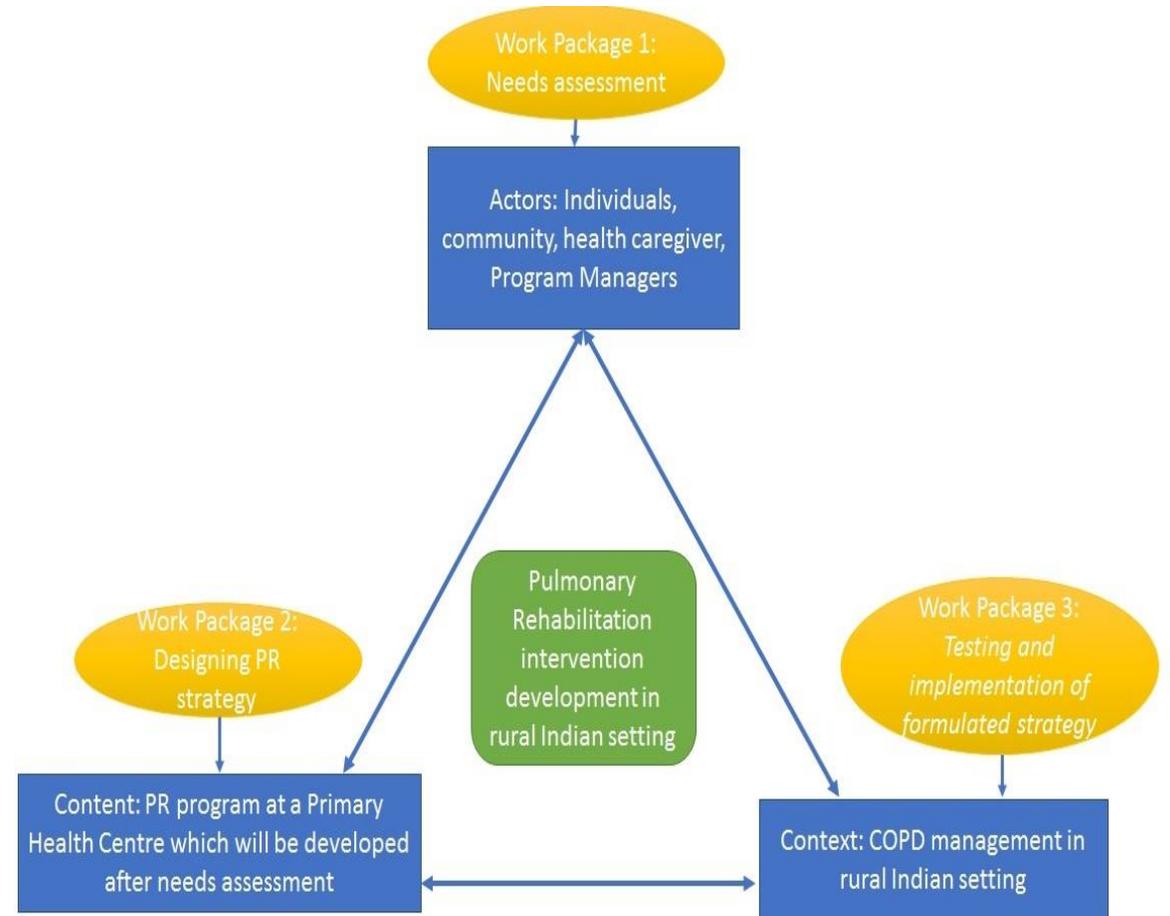
- To conduct Needs assessment for PR in a rural community setting from caregiver and recipient's perspective.
- Designing PR strategy for COPD management in rural Indian setting.
- Testing and implementation of formulated strategy for COPD management in rural Indian setting.

Methodology

- Planned a three-stage methodology :
- Work Package (WP) 1 explores the felt need for PR from stakeholder perspective.
- Work Package 2 will use Work Package 1 results to adapt existing guidelines on PR in COPD to develop a contextual PR.
- Work Package 3 will involve a pilot-testing of adapted PR.

Normalization Process Theory

- Normalization Process Theory (NPT), to understand dynamics of implementing complex interventions.
- NPT constructs will be used to tie data from WPs to provide information of processes, barriers and facilitators of PR implementation.



Current status

- Regulatory approval in process.
- Tools development completed.
- COVID-19 impact: Considering remote interviews for health care providers/patients.

Questions to discuss

- Which components of PR can we implement/adapt for our rural setting?
- Will follow-up of patients after PR will help sustainability?
- What is the applicability of PR to other chronic respiratory disorders (e.g. Post Tuberculosis lung disorders?)

Thank You

