

# Abstract Presentations

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RECHARGE

# Global RECHARGE: Establishing a standard international dataset for pulmonary rehabilitation in LMICs

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Presented on behalf of the Global RECHARGE Team

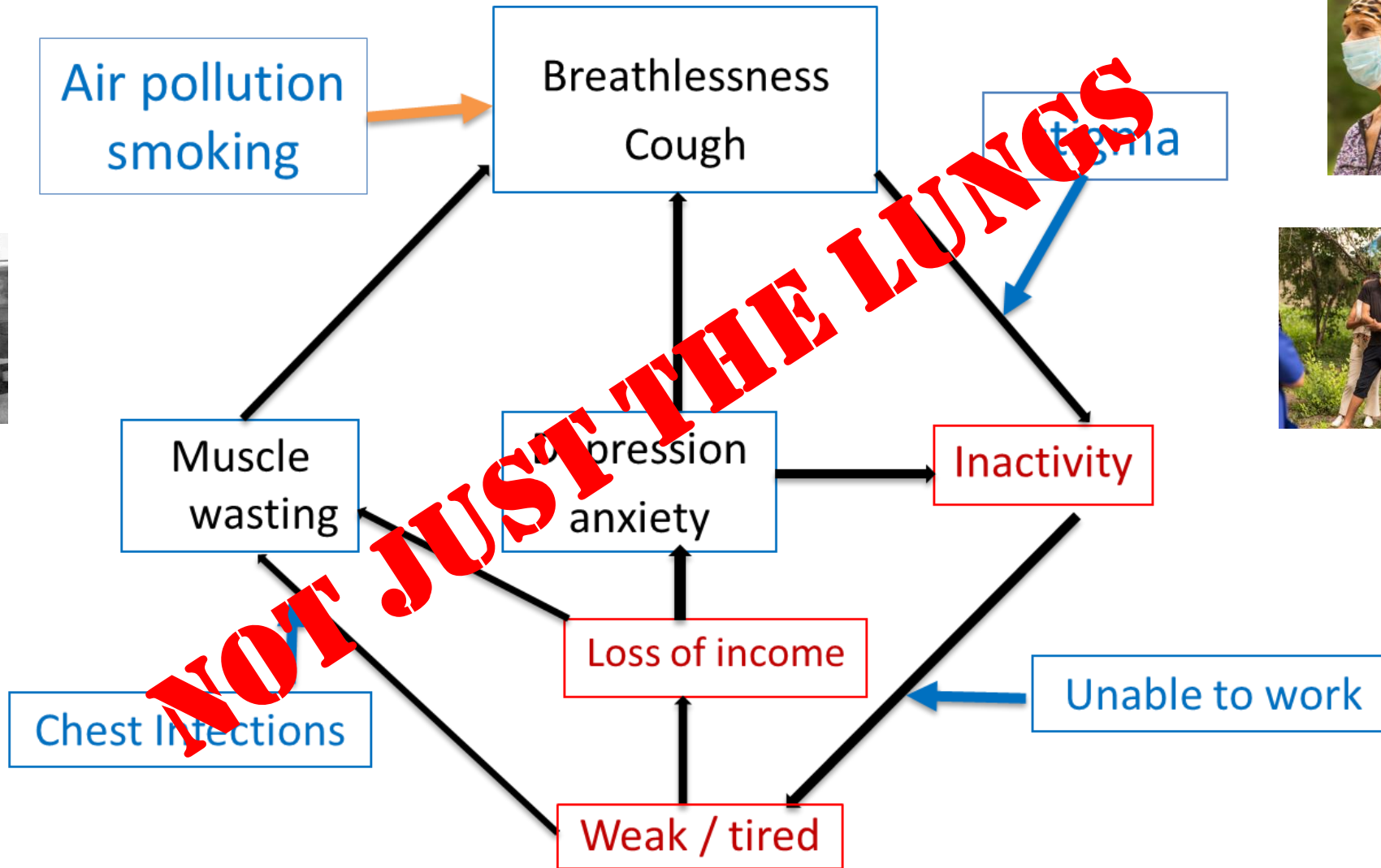


@Global\_RECHARGE

**NIHR**

National Institute  
for Health Research

# Problems for people with lung disease

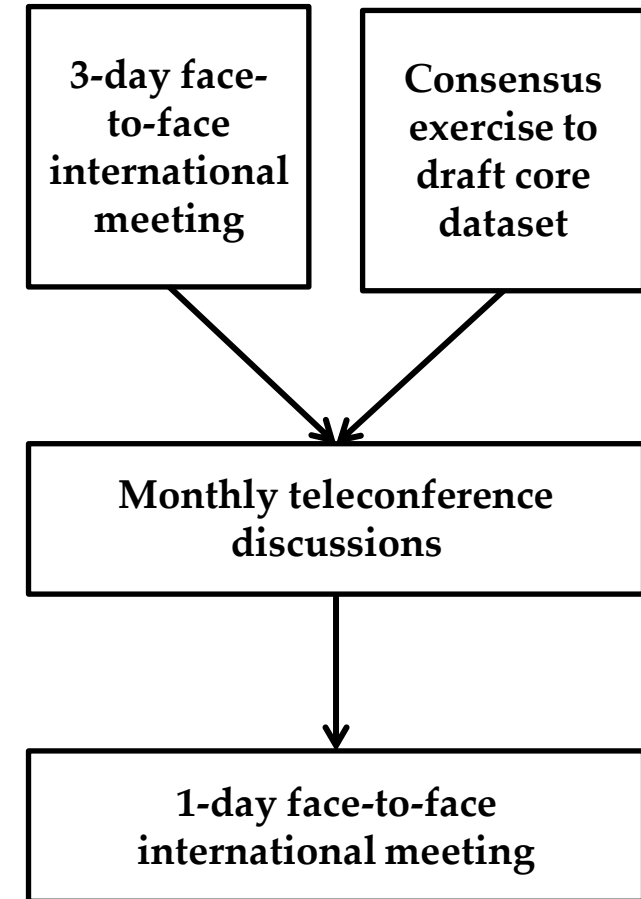
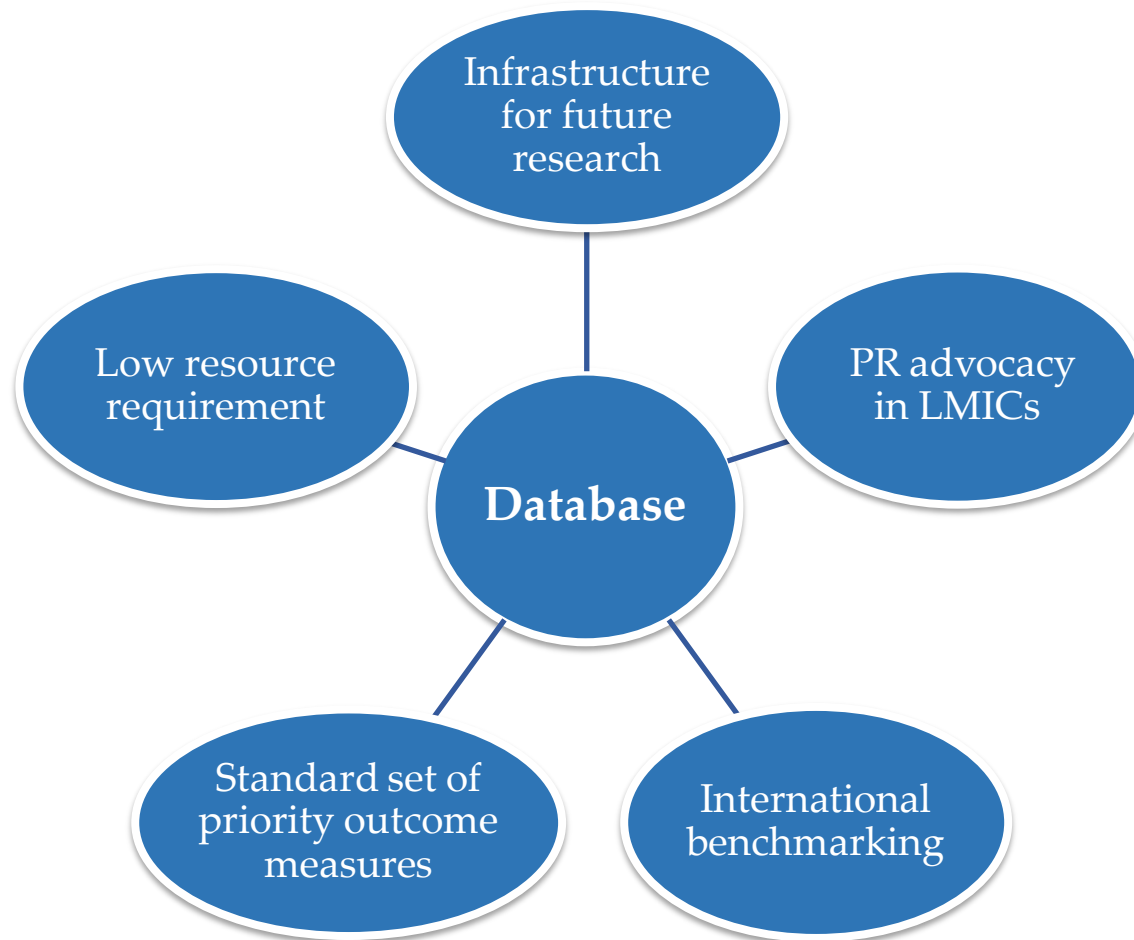


# Pulmonary Rehabilitation

- Uses local resources at a low cost
- Sustainable and scalable
- Profound benefits for the worst affected patients
- Evidence of feasibility emerging in LMICs
- Improves:
  - ✓ Quality of Life
  - ✓ Exercise capacity
  - ✓ Psychological wellbeing
  - ✓ Mortality
  - ✓ Hospital admissions
  - ✓ Inpatient hospital days



# Global RECHARGE Database



# Database variables

	Baseline	Follow-up
Demographics	X	
Lung health	X	
Comorbidities	X	
Treatment	X	
Health status	X	X
Physical measures	X	X
Economic impact	X	X
PR attendance		X



How is your COPD? Take the COPD Assessment Test (CAT)

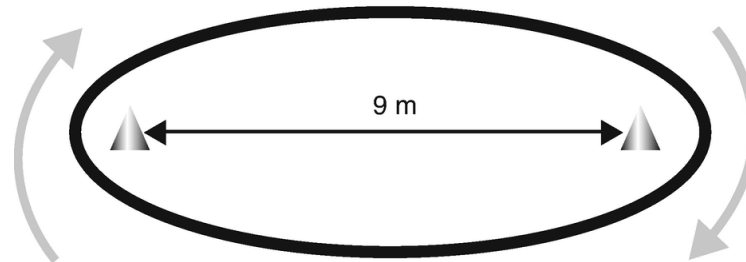
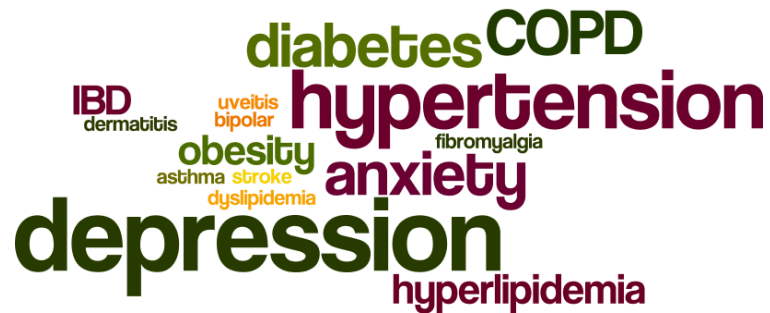
The questionnaire asks you to rate how often you experience the most common symptoms of COPD (Cough, Sputum, Phlegm, Shortness of breath) and how they affect your daily life. Your score will help your doctor decide on the best treatment for you and your health care team.

If you are to complete the questionnaire by hand on paper, please use the questionnaire.

If you are to complete the questionnaire on-line, please use the online version. You will need to create a user account to be able to save your progress.

Example: I usually cough  4  3  2  1  0

Question	Score
I cough enough to get up at night	2
I have to get up at night to cough	2
My chest does not breathe as well as it should	1
When I walk or go up a hill or stairs I get out of breath	2
I am very limited when I go out for exercise	2
I am not at all confident about my ability to do things because of my condition	2



# Summary

- There is a need to support the expansion of high quality, benchmarked Pulmonary Rehabilitation services in LMICs as this service becomes increasingly recognised and available.
- Standard set of core baseline and outcome measures has been developed for Pulmonary Rehabilitation in LMICs.
- The database is stored on a dedicated web platform called REDCap.
- For enquiries about becoming part of the network of researchers, clinicians and study teams using the database please get in touch by emailing [recharge@le.ac.uk](mailto:recharge@le.ac.uk)