

What are the attitudes and opinions of healthcare staff and patients with chronic lung disease in Uganda regards pulmonary rehabilitation?

Submission date 28/08/2019	Recruitment status No longer recruiting	☒ Prospectively registered ☐ Protocol
Registration date 12/09/2019	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 14/09/2021	Condition category Respiratory	☐ Individual participant data

Plain English summary of protocol

Background and study aims

Lung conditions are a major problem in Uganda and many other low- and middle- income countries. In other parts of the world, there is a health service called pulmonary rehabilitation (PR) which has been shown to be highly beneficial to people living with lung conditions. PR involved exercise, education and direct support from healthcare professionals. PR is not routinely provided for people living with lung conditions in Uganda, Africa and many other low- and middle- income countries. This study aims to look at how ready the people living with lung conditions and healthcare professionals in Uganda are for PR if it were made available as part of normal healthcare.

Who can participate?

People living with lung conditions, specifically chronic obstructive lung disease (COPD) or lung disease as a result of tuberculosis (TB)

What does the study involve?

Completion of a short questionnaire

What are the possible benefits and risks of participating?

Benefits of participation are to contribute to informing the need for and potential design of pulmonary rehabilitation in Uganda. There are no risks to participation.

Where is the study run from?

Makerere University Lung Institute, Makerere University College of Health Sciences, Upper Mulago Hill, Kampala, Uganda, P.O. Box 7749

When is the study starting and how long is it expected to run for?

Anticipated start date 30/09/2019 running until 31/03/2021 (this will be updated in line with ethical approvals)

Who is funding the study?
National Institute for Health Research

Who is the main contact?
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Contact information

Type(s)

Public

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Additional identifiers

Protocol serial number

Version 1

Study information

Scientific Title

The attitudes and opinions of healthcare staff and patients living with chronic lung disease regards the delivery of a clinical pulmonary rehabilitation programme: Global RECHARGE Uganda

Acronym

Global RECHARGE Uganda (Survey)

Study objectives

Despite being a common treatment for chronic lung disease in high income countries, Pulmonary Rehabilitation is not often implemented in low and middle income countries. Data is needed surrounding the perspectives and opinions of medical staff and patients living with chronic lung disease regards implementing and creating a clinical Pulmonary Rehabilitation service.

Ethics approval required

Old ethics approval format

Ethics approval(s)

1. Approved 02/09/2019, Mulago Hospital Research and Ethics Committee, Mulago Hill, Kampala, Uganda; +256 0752-818584, evelynnamwase@gmail.com), ref: MHREC 1478
2. Approved 03/10/2019, University of Leicester Research Ethics Committee (University Rd, Leicester, LE1 7RH; +44 (0)1162522522; ethics@leicester.ac.uk). ref: 22349

Primary study design

Observational

Study design

A multi-centre observational, cross-sectional study

Study type(s)

Other

Health condition(s) or problem(s) studied

Post tuberculosis lung disease

Interventions

Eligible and interested patients, after providing written informed consent, will be given a brief questionnaire in outpatient and primary care clinics. The questionnaire will take no more than 5 minutes to complete and will be anonymous. We will collect no clinical data. The questionnaire asks patients to express their opinions as to what a 'good' pulmonary rehabilitation programme would look like for them. Patients can either complete the questionnaire in the clinic, or return them shortly afterwards in a sealed envelope by post.

Eligible and interested healthcare professionals working in the hospital, in primary care or in the community, who provide written informed consent, will be given a brief questionnaire about their beliefs about rehabilitation, their likelihood to refer patients and how they think this

should /could be done. The questionnaire will take no more than 5 minutes to complete and will be anonymous. Individuals can either complete the questionnaire on-site or return it in a sealed envelope. We will collect no personal data, except for the professional background and years of experience in managing people with chronic lung disease.

Intervention Type

Not Specified

Primary outcome(s)

The readiness of patients and healthcare professionals for Pulmonary Rehabilitation using the questionnaire at the time of consent.

Key secondary outcome(s)

1. The need for Pulmonary Rehabilitation from patients with chronic lung disease is determined using the questionnaire at the time of consent.
2. The mode of Pulmonary Rehabilitation that is acceptable to patients is determined using the questionnaire at the time of consent.
3. The attitudes and beliefs of health care providers who would be potential referrers to Pulmonary Rehabilitation are determined using the questionnaire at the time of consent.
4. The views of health care personnel on transfer of information and the mode of referral to the Pulmonary Rehabilitation service is determined using the questionnaire at the time of consent.
5. The need for Pulmonary Rehabilitation and individual preferred modes of delivery are determined using the questionnaire at the time of consent.

Completion date

31/03/2021

Eligibility

Key inclusion criteria

1. Diagnosis of COPD
2. Lung disease following TB treatment
3. Healthcare staff

Participant type(s)

Mixed

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Total final enrolment

81

Key exclusion criteria

Anyone unable to provide written informed consent

Date of first enrolment

24/01/2020

Date of final enrolment

10/08/2020

Locations

Countries of recruitment

Uganda

Study participating centre

Makerere University Lung Institute

Makerere University College of Health Sciences

Upper Mulago Hill

Kampala

Uganda

P.O. Box 7749

Sponsor information

Organisation

University of Leicester

ROR

<https://ror.org/04h699437>

Funder(s)

Funder type

Government

Funder Name

National Institute for Health Research

Alternative Name(s)

National Institute for Health Research, NIHR Research, NIHRresearch, NIHR - National Institute for Health Research, NIHR (The National Institute for Health and Care Research), NIHR

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

The data sharing plans for the current study are unknown and will be made available at a later date.

IPD sharing plan summary

Data sharing statement to be made available at a later date

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		10/08/2021	14/09/2021	Yes	No