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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

Registration date
12/09/2019

Overall study status
Completed

Last Edited
14/09/2021

Condition category
Respiratory

[X] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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?
Dr Mark Orme, mwo4@leicester.ac.uk

Contact information

Type(s)
Public

Contact name
Dr Mark Orme

ORCID ID
http://orcid.org/0000-0003-4678-6574

Contact details
Centre for Exercise and Rehabilitation Science
NIHR Leicester Biomedical Research Centre- Respiratory
Glenfield Hospital
Groby Road
Leicester
United Kingdom
LE39QP
01162583113
mwo4@leicester.ac.uk

Type(s)
Scientific

Contact name
Dr Mark Orme

ORCID ID
http://orcid.org/0000-0003-4678-6574

Contact details
Centre for Exercise and Rehabilitation Science
NIHR Leicester Biomedical Research Centre- Respiratory
Glenfield Hospital
Groby Road
Leicester
United Kingdom
LE39QP
01162583113
mwo4@leicester.ac.uk

Additional identifiers

EudraCT/CTIS number
Nil known

IRAS number

ClinicalTrials.gov number
Nil known

Secondary identifying numbers
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

Study design
A multi-centre observational, cross-sectional study

Primary study design
Observational

Secondary study design
Cross sectional study

Study setting(s)
Not specified

Study type(s)
Other

Participant information sheet
Not available in web format, please use contact details to request a participant information sheet

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

Secondary outcome measures
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.

Overall study start date
01/04/2018

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

Age group
Adult

Sex
Both

Target number of participants
51 patients and 30 staff

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

Sponsor details
University road
Leicester
England
United Kingdom
LE17RH
01162522522
smd8@leicester.ac.uk

Sponsor type
University/education

Website
https://le.ac.uk

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

Publication and dissemination plan

It is anticipated that the results from this study will be published in international journals and presented locally, nationally and internationally at appropriate meetings and conferences. All data that will be collected is anticipated to be published.

Intention to publish date
31/12/2021

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