

What are the attitudes and opinions of healthcare staff and patients living with post-tuberculosis lung disease in Kyrgyzstan regarding Pulmonary Rehabilitation?

Submission date 28/08/2019	Recruitment status No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
Registration date 12/09/2019	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 06/10/2022	Condition category Respiratory	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Background and study aims

Tuberculosis is a major cause of morbidity and mortality. Pulmonary Rehabilitation includes exercise training, education and behaviour change support and has been successfully employed in health care institutions to improve the quality of life in patients with chronic lung disease. Little is known about the effect of Pulmonary Rehabilitation on patients living with Tuberculosis. In order for Pulmonary Rehabilitation to be successful, patient buy-in or motivation is important to ensure patient uptake and completion is maximised. Furthermore, the specific details surrounding a culturally appropriate Pulmonary Rehabilitation programme are unknown. Information will be collected from patients that are suitable for attending Pulmonary Rehabilitation regards their opinions and perceptions, to optimise uptake in a culturally appropriate Pulmonary Rehabilitation programme. Similarly, it is important that the healthcare workers support the implementation of a clinical Pulmonary Rehabilitation programme. At present, the awareness and opinions of healthcare workers in Kyrgyzstan is unknown. Collecting this data will enhance the implementation of a Pulmonary Rehabilitation programme in Kyrgyzstan.

Who can participate?

Patients diagnosed with post-tuberculosis lung disease or healthcare professionals working with patients with chronic respiratory disease

What does the study involve?

Participants will answer a questionnaire on their attitudes and opinions regarding Pulmonary Rehabilitation

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 Kyrgyzstan. There are no risks to participation.

Where is the study run from?

1. National Center of Cardiology and Internal Medicine Kyrgyzstan
2. Bishkek City TB Hospital Kyrgyzstan

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

April 2018 to March 2021

Who is funding the study?

National Institute for Health Research (NIHR), UK

Who is the main contact?

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Contact information

Type(s)

Public

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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 post-tuberculosis lung disease regards the delivery of a clinical pulmonary rehabilitation programme: Global RECHARGE Kyrgyzstan

Acronym

Global RECHARGE Kyrgyzstan (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)

Approved 16/09/2019, University of Leicester Ethics Committee (The University of Leicester, University Road, Leicester, LE1 7RH, United Kingdom; +44 (0)1162522522; ethicsapp@leicester.ac.uk), ref: 22293

Study design

Multi-centre observational cross-sectional trial

Primary study design

Observational

Secondary study design

Cross sectional study

Study setting(s)

Hospital

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

This is a questionnaire study that will seek to collect the attitudes and opinions on of participants living with post-TB lung disease and health-care professionals regarding pulmonary rehabilitation. Participants will be asked to complete a questionnaire only. There is no follow-up for this study.

Intervention Type

Other

Primary outcome measure

The questionnaire data will be used to:

1. Understand the patients' enthusiasm for Pulmonary Rehabilitation and their preference regards delivery mode
2. Understand the attitudes and beliefs of potential referrers to Pulmonary Rehabilitation and how they might best like to receive information and refer patients into the service

Secondary outcome measures

The questionnaire data will be used to:

1. Determine the need for Pulmonary Rehabilitation from patients with chronic lung disease
2. Obtain information on the mode of Pulmonary Rehabilitation that is acceptable to patients
3. Obtain information on the attitudes and beliefs of health care providers who would be potential referrers to Pulmonary Rehabilitation
4. Obtain the views of health care personnel on transfer of information and the mode of referral to the Pulmonary Rehabilitation service
5. Collect preliminary anonymous questionnaire data from potential candidates with chronic lung disease and healthcare workers on the need for Pulmonary Rehabilitation and their individual preferred modes of delivery

Overall study start date

01/04/2018

Completion date

31/03/2021

Eligibility**Key inclusion criteria**

1. Patients diagnosed with post-tuberculosis lung disease, or
2. Healthcare professionals working with patients with chronic respiratory disease

Participant type(s)

Mixed

Age group

Adult

Sex

Both

Target number of participants

200 (100 patient and 100 healthcare workers)

Total final enrolment

214

Key exclusion criteria

Anyone unable to provide written informed consent

Date of first enrolment

17/09/2019

Date of final enrolment

19/12/2019

Locations**Countries of recruitment**

Kyrgyzstan

Study participating centre

National Center of Cardiology and Internal Medicine

3 Togolok Moldo Street

Bishkek

Kyrgyzstan

720040

Study participating centre

Bishkek City TB Hospital

211 Elebesov Street

Bishkek

Kyrgyzstan

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Sponsor information

Organisation

University of Leicester

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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

31/03/2021

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?
Abstract results	Presented at the 2020 ERS International Congress	28/10/2020	15/08/2022	No	No
Protocol article		21/02/2022	06/10/2022	Yes	No
Results article		04/02/2022	06/10/2022	Yes	No