ISRCTN16501214 https://doi.org/10.1186/ISRCTN16501214

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

Registration date
12/09/2019

Overall study status
Completed

Last Edited
06/10/2022

Condition category
Respiratory

[X] Prospectively registered
[X] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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

Protocol serial number
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

Primary study design
Observational

Study design
Multi-centre observational cross-sectional trial

Study type(s)
Other

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(s)
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

Key secondary outcome(s)
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

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

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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
720040

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