

Press release

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Basic information

Name: Jean Paul Uwizihwe Email: jpaul.uwizihwe@ph.au.dk Phone: +250 78 86 111 86

Department of: Public Health

Main supervisor: Per Kallestrup

Title of dissertation: Community- and mHealth-Based Integrated Management of Diabetes in Primary Healthcare in Rwanda (D²Rwanda Project)

Date for defence: 11/December 2020 at (time of day): 13:00-17:00 Place: Virtual (Due to COVID-19 situation)

Press release (Danish)

”Community- and mHealth-Based Integrated Management of Diabetes in Primary Healthcare i Rwanda” (D²Rwanda-projektet) er et mixed-methods tvillinge-Ph.d.-projekt (dvs. to Ph.d.-forskere, der udvikler et fælles projekt, mens de studerer forskellige perspektiver), og er et samarbejde mellem Luxembourg og Aarhus Universitet. Det gennemføres i regi af Rwanda Biomedical Center og University of Rwanda og har været støttet økonomisk af Karen Elise Jensen Fonden.

Det overordnede mål med D²Rwanda-projektet er at bestemme effekten af et integreret program til behandling af diabetes i den primære sundhedspleje i Rwanda, som giver følgende: a) regelmæssig patientvurdering og sygdomshåndtering leveret af såkaldte ’hjemmebaserede plejeperson’, der deltager i sundhedsministeriets program; og b) letter adgangen til en mobil sundhedsapplikation til patientuddannelse og egenhåndtering af sygdommen. Undersøgelsen inkluderer et klynge-randomiseret kontrolleret forsøg og en kvalitativ fase, der undersøger, hvordan interventionen modtages og virkningen af kontekstrelaterede faktorer. D²Rwanda-projektet blev udført af Jean Paul Uwizihwe, som forsvare sin afhandling den 11. december 2020.

Press release (English)

Community- and mHealth-Based Integrated Management of Diabetes in Primary Healthcare in Rwanda (D²Rwanda Project) is a mixed-methods twin-PhD study (i.e. two doctoral researchers developing a common project, while studying different perspectives), and is a collaborative endeavour of the Universities of Luxembourg and Aarhus. It is being carried out under the auspices of the Rwanda Biomedical Centre and the University of Rwanda and is financially supported by the Karen Elise Jensen Foundation of Denmark.

The overall aim of the D²Rwanda project is to determine the efficacy of an integrated programme for the management of diabetes in primary health care in Rwanda, which provides the following: a) regular patient assessments and disease management by the Home-Based Care Practitioner participating in the Ministry of Health programme; b) facilitated access to a mobile health application for patient education and self-management of the disease. The study includes a cluster-randomised controlled trial, and a qualitative

phase aiming at exploring how the intervention will be conducted, and the impact of context-related factors.

The D2Rwanda project was carried out by Jean Paul Uwizihiwe, who is defending his dissertation on December 11, 2020.

The defence is public and will be organised virtually on 11/12/2020 at 1pm from Aarhus University. The title of the project is Community- and mHealth-Based Integrated Management of Diabetes in Primary Healthcare in Rwanda (D²Rwanda Project). For more information, please contact PhD student, Jean Paul Uwizihiwe, email: jpaul.uwizihiwe@ph.au.dk, Phone +250 788 86 111 86

Assessment committee: name, title and place of employment of the three members of the committee

Anette Fischer Petersen, Cand.scient.san, PhD Associate Professor Department of Public Health - Department of Public Health - Forskningsenheden for Almen Praksis, Bartholins Allé 2, Building 1261, 113, 8000 Aarhus C, Denmark

Thomas Kubiak, M.Sc, Ph.D Professor of Health Psychology, Institute of Psychology Health Psychology, Binger Str. 14-16, R04-317 D-55122 Mainz, Johannes Gutenberg University Mainz, Germany

Florence Masaisa, MD, MMed, Ph.D Associate Professor College of Medicine and Health Sciences, University of Rwanda, KG 11 Ave Gasabo, Kigali, Rwanda

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