TAKeOFF
Tackling the Obstacles to Fight Filarial infections and podoconiosis

Short description of the network project:
From 2017 to 2022, the TAKeOFF consortium of researchers from Ghana, Tanzania, Cameroon, and Germany – aiming to improve the management of morbidity due to lymphatic filariasis (LF) and podoconiosis – developed digital tools for better lymphedema (LE) case identification and carried out clinical trials which showed that intensive hygiene training for LE patients lessened morbidity and led to a better quality of life. Building on these results, the future consortium’s work will focus on: 1) following up on the patient cohorts with new research questions regarding non-communicable diseases, wounds, and antimicrobial resistance, but also with the goal of establishing or expanding morbidity management centres and teams for eventual integration into national control programmes/health systems; 2) integrating the developed digital tools into national/international health systems; and 3) using the capacity built for conducting clinical trials to carry out test-and-treat trials for LF and onchocerciasis.

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Ghana
Tanzania
Cameroon

In the second funding phase, TAKeOFF will maintain the momentum to help achieve the UN Sustainable Development Goals according to the WHO Road Map 2030 for NTDs. TAKeOFF will: follow up on its valuable filarial LE and podoconiosis cohorts to investigate how sustainable WHO hygiene protocols will become if patients are less intensely supervised than in a clinical trial; expand morbidity management centres and teams for eventual integration into national control programmes/health systems; elucidate links between two non-communicable diseases (diabetes and hypertension) and LE progression and wounds, including characterisation of antimicrobial resistance; help MOHs integrate digital health tools and data acquisition into their national and international health systems; and render assessments and recommendations of alternative treatment regimens to eliminate LF and onchocerciasis, including new regimens and WHO-recommended, environmentally safe larvicides for the latter condition.

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Link to Website:
https://www.takeoff-ntd.org