



**Umoya omuhle** is a 3 year study that began in 2017 and uses a whole systems approach to look at infection prevention and control for drug-resistant tuberculosis in clinical settings of South Africa in an era of decentralised care.

The name, Umoya omuhle, means good air in Zulu, and embodies the project vision of bringing a 'breath of fresh air' to current thinking on infection prevention and control.

For more information, visit:  
[lshtm.ac.uk/UO](http://lshtm.ac.uk/UO)



## GENERAL INTEREST

**“United to end tuberculosis: an urgent global response to a global epidemic”**

The United Nations General Assembly will be hosting their first high-level meeting on the fight against tuberculosis.

To be held on September 26, 2018, the meeting should “result in an ambitious Political Declaration on TB endorsed by Heads of State that will strengthen action and investments for the end TB response, saving millions of lives.”



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## IN THE NEWS

In pictures: The forgotten ‘open-air schools’ of the 1930s built to combat tuberculosis (Aug 3, 2018, Yahoo!News)

Operation Sukuma Sakhe: Stand up and build! (Dec 18, 2015, Mail & Guardian, South Africa)

## POLICY RELEVANT

The divisive issue stalling both NCD, TB negotiations (Aug 17, 2018)

## OTHER BITS & BOBS

TB Proof founder talks TB in South Africa and the campaigns TB proof runs (Apr 3 2014, Health24) - *video*

TB Proof hares advice on how to protect yourself from catching tuberculosis (Jul 7, 2014, DoctorsOrdersTV) - *video*

Quality measurements of IPC implementation (International Union for Tuberculosis and Lung Disease) - *webinar recording*

## CONFERENCES

Winds of Change: Tools for TB Elimination. 2018 Australasian Tuberculosis Conference (Aug 30-31, 2018). <https://tbconference.org>

**\*\* Karina Kielmann and Anna Voce will be hosting an interactive seminar on Umoya omuhle on Sept 12, 2018 for QMUL’s induction week \*\***



## LITERATURE

Egbujie et al (Apr 2018). *Impact of 'Ideal Clinic' implementation on patient waiting time in primary healthcare clinics in KwaZulu-Natal Province, South Africa: A before-and-after evaluation*. South African Medical Journal, 108(4): 311-318. DOI: 10.7196/SAMJ.2017.v108i4.12583.

Curless et al (eds). 2018. *Infection Prevention and Control: Reference Manual for Health Care Facilities with Limited Resources*. Jhpiego: Baltimore, MD

Olarewaju et al. (2018). *Knowledge and use of tuberculosis treatment guidelines in endemic settings: A cross-sectional study among primary health care workers in Ogbomoso, Oyo state, Nigeria*. African Journals Online, 27(1).

Stime et al. (2018). *Clinic flow for STI, HIV, and TB patients in an urban infectious disease clinic offering point-of-care testing services in Durban, South Africa*. BMC Health Services Research, 18(363). DOI: 10.1186/s12913-018-3154-2

Shah et al. (2017). *Transmission of extensively drug-resistant tuberculosis in South Africa*. The New England Journal of Medicine, 376(3): 243-253. DOI: 10.1056/NEJMoa1604544

Scott & Gilson (2017). *Exploring how different modes of governance act across health system levels to influence primary healthcare facility managers' use of information in decisionmaking: experience from Cape Town, South Africa*. International Journal for Equity in Health, 16(1): 159. DOI: 10.1186/s12939-017-0660-5

Seaworth et al. (2014). *Multidrug-resistant tuberculosis. Recommendations for reducing risk during travel for healthcare and humanitarian work*. Annals of the American Thoracic Society, 11(3): 286-95. DOI: 10.1513/AnnalsATS.201309-312PS

Wood et al. (2012). *A framework for the study of zoonotic disease emergence and its drivers: Spillover of bat pathogens as a case study*. Philosophical Transactions of The Royal Society B, 367: 2881-2892. DOI: 10.1098/rstb.2012.0228

*Operation Sukuma Sakhe - Implementation Model, Guidelines for Coordination*. (2012). Province of KwaZulu-Natal (2012).

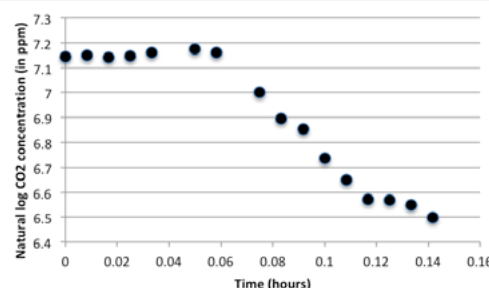
AHRI's latest newsletter included news on the attendees of the Durban TB conference in June:

"AHRI had strong representation at the recent Fifth SA TB Conference in Durban. Faculty members Alison Grant and Adrie Steyn as well as postdocs, students and lab technologists presented research at the meeting. To coincide with the TB conference, the Umoya Omuhle project team (pictured below) hosted a meeting at AHRI. This project focusses on taking a 'whole systems' approach to infection prevention and control for drug-resistant TB in South Africa. AHRI also hosted RePORT SA's Third Annual Meeting in the same week."

Read more [here...](#)







### UPDATES FROM THE FIELD

Tom would like to report that himself and Pete have just successfully conducted their first CO<sub>2</sub> release experiment in his front room. It turns out that it is hard to source CO<sub>2</sub> fire extinguishers in NE London. The savvy researchers improvised, making their own from bicarbonate of soda and malt vinegar. Readers will be happy to know that they were able to achieve 10.1 air changes per hour on a still day with the doors and windows open wide.



UO team in South Africa © Phumlo Ngcobo, 2018

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**Umoya omuhle** is a collaborative project between the following institutions:

