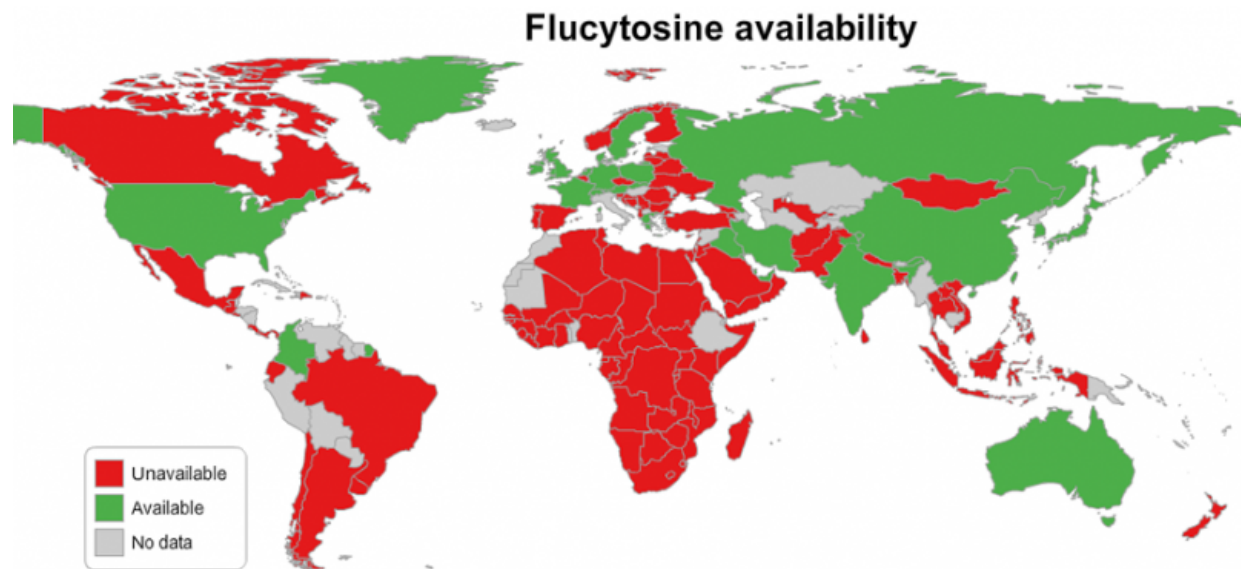


Millions deprived of life saving antifungal medicines, report finds

August 11 2016



Credit: University of Manchester

The world is in the grip of a global crisis that kills the equivalent of the populations of Philadelphia, Kampala or Prague - around 1.6 million each year.

A new report by a University of Manchester academic, published today in the *Journal of Antimicrobial Chemotherapy*, documents how many countries do not have life-saving antifungal therapies.

Fungal infections attack the lungs and may spread through the body and, without the drugs to fight back, claim the lives of over 3,500 people every day.

Now GAFFI (The Global Action Fund for Fungal Infections) has gathered together the most powerful weapon there is – knowledge – information that it plans to use to bring about change.

It has today published the largest survey ever undertaken from 159 countries and found that two critical antifungal medicines for AIDS patients are not available in over 95 countries. One of these antifungals has been available since the 1950s and the other since the 1970s.

Professor David Denning of The University of Manchester, President of GAFFI and the paper's lead author says it beggars belief that hundreds of millions of people cannot access the optimal therapy for fungal meningitis and fungal lung infections.

"It is doubly tragic," he said, "That these antifungals have been used since the late 1950s in the case of amphotericin B. Yet the systems for delivering these drugs to the most needy are still not in place.

"Last year GAFFI called on governments to provide fungal diagnostics and [antifungal drugs](#) to all their citizens yet there has been a deafening silence. There is clearly a long way to go, but the tragedy is that every day thousands more people die needlessly while the world turns a blind eye," he added.

Actor and GAFFI celebrity patron Rupert Everett declared that: "We have known for over 25 years that many people with AIDS and cancer do die of fungal complications. And death is avoidable with treatment. Why on earth are commonly used antifungal medicines not provided to everyone who needs them?"

Dr Glenda Gray, President and CEO of the African Medical Research Council and Professor of Pediatrics, Faculty of Health Sciences, at University of Witwatersrand, said: "In South Africa we are addressing the HIV epidemic squarely on with greatly increased provision of anti-retroviral drugs and expanding testing.

"Fungal diseases in AIDS have not received the priority they should have, although this is now changing with our national screening program for Cryptococci meningitis. Clearly ensuring antifungal agents are available to all is an key component in reducing deaths and illness across southern Africa."

Key findings:

- One of the critical drugs for fungal meningitis in AIDS (amphotericin B) is not available in 42 countries. The other key drug for [fungal meningitis](#), flucytosine, is unavailable in at least 95 countries. Yet both have been available in Europe and the US for over 40 years. The World Health Organization recommends they be used together to bring down mortality from 100% to 25%. Fungal meningitis is the commonest form of meningitis in sub-Saharan Africa because of AIDS.
- The 25 -year old drug, fluconazole is available in all countries and itraconazole is unavailable in just five countries. However, being available is not enough – price also matters as patients pay for their care in many countries. The daily cost of fluconazole varied from

Citation: Millions deprived of life saving antifungal medicines, report finds (2016, August 11) retrieved 20 April 2024 from

<https://medicalxpress.com/news/2016-08-millions-deprived-life-antifungal-medicines.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.