

OSU and South Africa Collaborate to Combat Antibiotic Resistant “Superbugs”

Purpose

The world is running out of effective antibiotics due to escalating rates of antibiotic-resistant “superbugs.” Years of overuse, misuse, and abuse of antibiotics in humans and animals created this public health crisis.

Hospitals are implementing antibiotic stewardship programs to optimize antibiotic use. In South Africa, a lack of infectious disease-trained pharmacists creates a challenge.

Our purpose is to develop an antibiotic stewardship outreach program and facilitate an OSU-South Africa pharmacists network to lead antibiotic stewardship programs.

Impact

Antibiotic-resistant “superbugs” are escalating while new antibiotics are diminishing. OSU-South Africa “train the trainer” mentoring program will provide pharmacists with the necessary skill set to contribute to antibiotic stewardship.

Antibiotic stewardship outreach programs are most effective when they are multidisciplinary. South African pharmacists will learn how to monitor antibiotics and measure patient outcomes while working on a healthcare team.

Patient advocacy for antibiotic stewardship is needed. We’ll create an iBook for the South African Health Minister to gain long-term support for the program. Twitter will also be used.

Ohio State Colleges/Units Involved

College of Medicine
College of Pharmacy
College of Veterinary Medicine
Department of Medicine
Infectious Diseases
Department of Pharmacy
OSU Digital First
OSU Wexner Medical Center

Community Partners Involved

Federation of Infectious Diseases of Southern Africa
National Laboratory Services, AMPATH
Netcare Ltd.
South African Antibiotic Stewardship Programme
South African Society of Clinical Pharmacists
University of Cape Town Groote Schuur Hospital
University of Stellenbosch Tygerberg Hospital

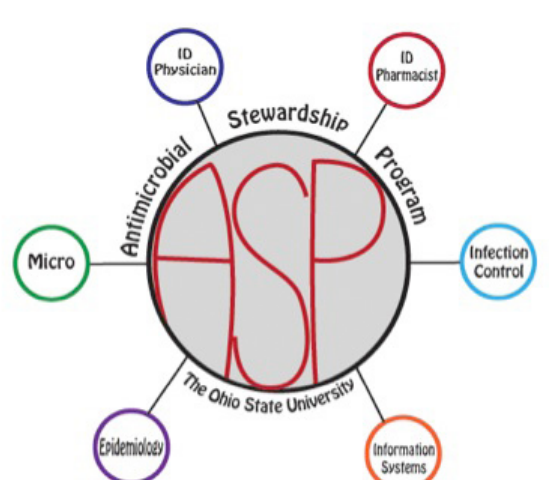


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