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National antimicrobial stewardship program in Saudi Arabia: Experiences and future vision

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National antimicrobial stewardship is continuous work to optimize antimicrobial usage to improve patient outcomes and prevent antimicrobial related problems. General Administration of Pharmaceutical Care established the program in 2013 by formulate Central Antibiotic Committees, this committee established National Antimicrobial Stewardship program consisting of formulating peripheral antibiotics, infectious diseases team, antibiotics physician order form, antibiotics consumption and usages, antibiogram regulations, and USA General of Disease Control Antimicrobial stewardship monitoring outcome indicators. In 2014, Peripheral Antibiotics Committees were established at twenty regions to follow up the implementation of the program national wide, and started with antimicrobial stewardship education and orientation. In 2015, the real applications of the program were started in more than ten regions and more than forty hospitals. Antimicrobial stewardship will be expanded to cover 20 regions and more ninety biggest hospitals, medical cities and private hospitals and primary care centers in Saudi Arabia. The program is expecting to reduce antimicrobial consumption more than 50% with reduction of bugs resistance to medication, reduction of antimicrobial related problems, better patients care with tremendous reduction of unnecessary cost.

Biography

Yousef A Alomi is the Head of General Administration of Pharmaceutical Care Administration, and Head of National Drug Information Center, MOH Saudi Arabia. He received Bachelor of Pharmaceutical Sciences degree from King Saud University in 1992. After six-years of higher study, he earned his Master of Clinical Pharmacy from the same University in 1998. He is an affiliated Clinical Instructor of Purdue University in USA. He is adjunct Assistant Professor of King Saud University College of Pharmacy. He worked as Clinical Pharmacist in critical care area and nutrition support. He has established and implemented several programs at MOH Hospitals such as Clinical Pharmacy Program, Medication Safety Program, Pain Management Program, Anticoagulation Program and Pharmacy Infection Control, including Adult and Pediatrics Clinical Pharmacy Programs. He founded Mass Gathering Pharmaceutical Care in Saudi Arabia. He became a member of advisory board of the *Arab Pharmaceutical Journal* in 2010 and Pharmacy Board Member of Saudi Commission of Health Care Specialties (2010-2013). He had several research papers in Clinical Pharmacy and Pharmacy Practice published in ACCP and ISPOR conferences and had several presentations in clinical pharmacy and pharmacy practice at several conferences in and outside Saudi Arabia.

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