



PHYSICIANS – PHARMACISTS TEAM INTERVENTION IN ANTIMICROBIAL STEWARDSHIP IN HOSPITALS: A SYSTEMATIC REVIEW AND META-ANALYSIS

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2019 World Health Organization (WHO) “antimicrobial or antibiotic resistance (AMR) - one of the ten threats to global health ”

• **PURPOSE OF THE STUDY:**

- To summarize multiple interventional studies into a single report
- To validate if these interventions would establish a statistically significant difference in antibiotic resistance reduction in patients
 - Patients: - managed
- regular

• **METHODOLOGY:** Systematic search of 2000- 2019 studies from :

- Biomed Central;
- National Center for Biotechnology Information(NCBI);
- Proquest;
- Elsevier;
- Google Scholar; and
- Cochrane electronic databases



RESULTS

- Physicians – Pharmacists Team interventions in antimicrobial stewardship :
 - Audit and Feedback, Point of Care, Automatic Stop Order, and Antimicrobial Stewardship Program (ASP) intervention on *Staphylococcus aureus* Bacteremia (SAB) therapy
 - significantly reduce, lessen, slow down, or prevent the emergence of antimicrobial resistance.
- “Prospective audit and feedback strategy ”- have a greater chance to be widely applied.



Declaration of interest:

I herewith declare that I have:

no conflict of interests

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