

Table 1. Summary of twenty studies describing antimicrobial stewardship strategies in the Middle East (*concluded*)

Study	Country	Design	Setting (No. of patients)	Evaluated component	Comparator	Outcome	Recommendations
Kabbara et al. 2015b	Lebanon	Retrospective evaluation of patients' medical records	Hospital (100)	Appropriateness of use of a broad-spectrum antibiotic	Compliance with the IDSA guidelines, the Surviving Sepsis Campaign guidelines, drug information handbook dosage recommendations and clinical judgment	Appropriate prescriptions for the intended use and good adherence with national guidelines (appropriate use in 97.2% of cases empirically, and 97.2% post-culture) due to implementation of restriction policies: within 24 hours, reject or authorize use after evaluation of appropriateness) Inappropriate use related to dose adjustment in patients with renal failure	Highlighting upon the importance of the role of a clinical pharmacist in terms of: timely patient follow-up to appropriately adjust doses when necessary, and to educate other health care professionals to improve patient outcomes