ANTIMICROBIAL STEWARDSHIPS: SEMI-AUTOMATIC VALIDATION TOOL FOR ANTIMICROBIAL PRESCRIBING BASED ON REAL TIME ANTIBIOMGRAM


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BACKGROUND

Antimicrobial stewardship.

PURPOSE

To assess obtained data of the first three months after a semi-automatic validation tool for antimicrobial prescribing was implanted.

MATERIALS AND METHODS

A semi-automatic validation tool for antimicrobial prescribing based on real time antibiogram was developed.

RESULTS

BENEFITS: All inpatients with antimicrobial and antibiogram were reviewed in under an hour/day

CONCLUSIONS

The semi-automatic validation tool allows time optimization: the antimicrobial stewardship team was able to check all inpatients antimicrobial prescriptions each day, based on antibiograms. Almost three-quarters of pharmacist interventions were withdrawal treatments proposals, followed by suggestions for therapy change.