

EVALUATION OF INTERVENTIONS IMPROVING THE PRESCRIPTION OF ANTIMICROBIALS IN HOSPITALS

Project implementation period: 2015-2016

Aim of the project: To determine the interventions improving the prescription of antimicrobials and those applicable in Lithuanian hospitals.

Tasks of the project:

1. To determine effective interventions improving the prescription of antimicrobials in hospitals.
2. To evaluate the applicability of interventions efficiently improving the prescription of antimicrobials from the experts' point of view.

Study methodology: In carrying out the first task the systemic literature review will be conducted. Systematic literature review stages will encompass: (1) scientific article search and article selection according to the set selection criteria; (2) full-text article/study search and evaluation of their quality; (3) data gathering, (4) analysis and, if possible (if homogenous data is found), data summary – meta-analysis. The essence of the second task is to choose the intervention or group of interventions applicable in Lithuania with regard to the current healthcare system, legal basis, and material and human resources in hospitals. Specialists-experts will be selected for the evaluation of intervention applicability, so that the opinions of hospitals of all levels would be visible in the evaluation, as well as the selected specialist groups with the closest relation to the antimicrobial resistance management in the hospital. The experts will evaluate every effective intervention selected in the first task according to the created applicability criteria. Upon receiving the evaluation of all the criteria, the evaluation of every criterion will be calculated (criterion average) and an expert evaluation average will be derived for every intervention. In this way the intervention or group of interventions with the highest number of points will be determined. In addition, the experts will be asked to argument their choice of evaluation by specifying a reason.

Contacts: Rūta Markevičė, Institute of Hygiene Research and Technology Evaluation Department, tel. (370 5) 261 6681, e-mail: ruta.markevice@hi.lt