

This diploma thesis describes the implementation of the disinfection plan and hand hygiene procedures at the cardiology department (IKEM).

Theoretical part presents the area of safe and quality care in health service, disinfection and the topic of change management.

Practical part presents a brief description of cardiology department and then follows the own research. The research is carried out by both quantitative and qualitative methods. Finally, it contains the presentation of microbiologic tests results before and after implemented procedures at the department.

Performed analysis has shown that the change in implementation of the disinfection plan and hand hygiene procedures was positively evaluated not only by the majority of staff (nurses, attendants, orderlies) but also by the department's management (staff nurse, department nurse). Additionally the preferable results of microbiologic tests after the implementation confirm the effectiveness of the change.

Practical part is finalized with the set of recommendations which should be carried out in order to acquire even stronger results and make the work with disinfection material easier for the staff.