

Abstract:

The theoretical part reports on development of the first sterilization device and on introduction of the sterilization technology on the market in the Czech Republic. The complete sterilization process and its checking mechanisms are described as well as the sterilization process documentation and the options how to perform it.

The results aimed to the theoretical knowledge of the Central sterilization department staff are presented in the empiric part. The sterilization technology, the documentation form that is used and the education and experience of the nurses working at the Central sterilization department are shown further in this part. Comparing the results is clear that the electronic documentation system has been used by three out of five hospitals. There was find out that the most commonly used sterilization technology was the steam sterilization. Concerning the theoretical knowledge of the respondents, we find out that this is at a high level. A few respondents are engaged in the lifelong education at the Central sterilization department, hence, there should be more attention turned to this education of the staff.