

Prevention of hospital infections

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Abstract

Hospital infections are one of the most significant challenges in modern medicine and represent a significant health problem in developed countries and even greater in developing countries. They complicate treatment, increasing the number of hospitalization days and treatment costs, and are often accompanied by fatal outcomes. As they occur during hospitalization, they are certainly an accurate indicator of the quality of work of a healthcare facility.

Today, BI prevention and control programs have become an integral part of daily practice in health care settings. One of the main activities in the modern BI strategy is the implementation of BI surveillance. BI control is defined as the continuous collection (detection and registration), processing, comparison, interpretation and submission of BI data. The primary goal of BI surveillance is their prevention and control. In the future, the most energy needs to be invested in the prevention and control programs of classical, most common, bacteria-causing BI: urinary tract infections, hospital pneumonias, site operating infections (IOM), and hospital blood infections. Despite modern standards of preoperative preparation, antibiotic prophylaxis, modern anesthetics and surgical techniques, surgical site infections (IOM) remain an integral part of the surgical profession and are a potential threat to all hospitalized patients. Active monitoring of IOM has proven to be a powerful tool for prevention when data have been collected, analyzed and used appropriately. Feedback on the data obtained from epidemiologic surveillance of IOM sent to the surgeon in many studies has been consequently associated with a reduction in infection rates

Biography:

Mirjana Marinkovic has completed her PhD in healthcare from University in Kragujevac Faculty of medicine Kragujevac. She is the professor of nursing. She has published about than 20 papers in reputed journals and has been serving as an editorial board member of repute.

Speaker Publications:

1. "Correlation of precancerous lesion incidence with duodenogastric reflux and n-nitroso compound duration at reflux and antireflux stomach surgery: An experimental study"
2. "Hypertension in sumadija - cross sectional study"
3. "Quality of life of treated opiate addicts in the methadone maintenance program and those treated with buprenorphine"
4. "Prevalence of hypertension in adults in the Sumadija district, Serbia -a cross-sectional study."

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