

Study of Germs Responsible of Nosocomial Infections in Hospital of Guelma

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Abstract : Contracted in a health facility, hospital-acquired infections are a major public health problem in recent years. The increase of nosocomial infections is partly related to diagnostic and therapeutic advances in medicine. The aim of our study was to isolate and diagnose some types of bacteria that are circulating in the hospital by performing different samples at two medical services: Pulmonary and Infectious Diseases. The antibiotic susceptibility tests were performed for bacterial isolates. The results have shown that there is a predominance of enterobacteria followed by the staphylococcus with its two species epidermidis and saprophyticus. The study of the antibiogramme identified that some of these bacteria have a resistant profile against all the tested antibiotics. The fight against nosocomial infections is difficult because it must act on several factors: quality of care, safety of the hospital environment, hygiene, wearing gloves etc. are all areas that should be of heightened vigilance and preventive measures.

Keywords : nosocomial infection, isolation, identification, sensitivity and resistance to antibiotics

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