

A Study on Hospital Acquired Infections Among Patients in University of Port Harcourt Teaching Hospital, Port Harcourt, Rivers State in Southern Part of Nigeria

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Abstract : Hospital-Acquired Infections (HAI), also called 'Nosocomial Infection' is an infection you get while in the hospital for another reason. They are an important cause of morbidity and mortality. This study examined the epidemiology, clinical outcomes of some instruments used on patients especially catheter that was passed on them during their stay in the hospital. It was discovered that they had catheter-associated urinary tract infection (CAUTI). An observational study was carried out from January to March, 2022, on 180 patients (80 males and 100 females) admitted in the surgical wards, medical wards, dialysis unit and intensive care unit (ICU) of the hospital. The patient's urine samples were collected for urine culture and the isolation was carried out using plate count agar medium and macconkey agar. Among the 80 males, 45 had Urinary Tract Infections (UTI) mostly proteus infection and among the 100 females, 70 also had (UTI) and the most common was caused by Escherichia coli. Other strain of microorganisms such as Klebsiella, Staphylococcus aureus and Pseudomonas aeruginosa. It is important to follow up patients that these devices were used on with antibiotics to make sure that these infections are not developed because the rate of these infections (UTI) are high especially in females.

Keywords : catheter, urinary tract infection, nosocomial infection, microorganisms

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