#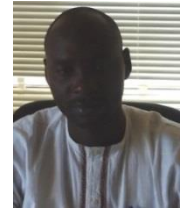 Prevalence of Escherichia Coli Among Urinary Tract Infections Patients (aged 0-70 years) Attending Hadejia General Hospital, JigawaState-Nigeria

Hassan Muhammad

Binyaminu Usman Polytechnic, Nigeria

*Abstract*

Urinary Tract Infections (UTIs) are one of the most common nosocomial infections after Respiratory Tract Infections (RTIs) worldwide. Nowadays it represents one of the most common diseases encountered in medical practice affecting people of all ages from the neonate to the geriatric age group. The aim of this research work was to find the prevalence of Escherichia Coli among Urinary Tract Infections patients (0-70years) attending Hadejia General Hospital, Jigawa State-Nigeria between August and September,2019. A total of One hundred (100) urine samples comprising of 42 (42%) in female and 58(58%) in male were obtained from the patients with age ranged from 0-70 years and analyzed. Samples collected were cultured and incubatedat37Cfor24hours. Isolation and Identification of bacteria was done by standard laboratory procedures. Twenty-six (26) samples yielded significance growth for E.Coli out of which 15were from female sand 11 were from males, based on cultural, microscopic and biochemical characteristics. The highest prevalence occurred within the age ranged 31-40 with females taking the lead. This means that it's necessary to practice good personnel hygiene through hand washing and used of hand sanitizer to reduce the incidence of microbial transmission.

*Biography:*

Hassan Muhammad belongs to Binyaminu Usman Polytechnic, Nigeria. He is specialized in the field of Microbiology and Infectious diseases. Research interests are Infectious diseases, UTI, E.Coli and Ophthalmology & Visual Science

*Speaker Publications:*

1. "Interindividual Variations in Foveal Anatomy and Artifacts Seen on Inner Retinal Probability Maps from Spectral Domain OCT Scans of the Macula"
2. "Hybrid Deep Learning on Single Wide-field Optical Coherence tomography Scans Accurately Classifies Glaucoma Suspects."
3. "Defects Along Blood Vessels in Glaucoma Suspects and Patients Investigative Ophthalmology & Visual Science"
4. "Details of Glaucomatous Damage Are Better Seen on OCT En Face Images Than on OCT Retinal Nerve Fiber Layer Thickness Maps"

3rd International Conference on Clinical Microbiology, Virology and Infectious Diseases, Webinar- June 12-13, 2020

**Abstract Citation:**