



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

Hassan Muhammad

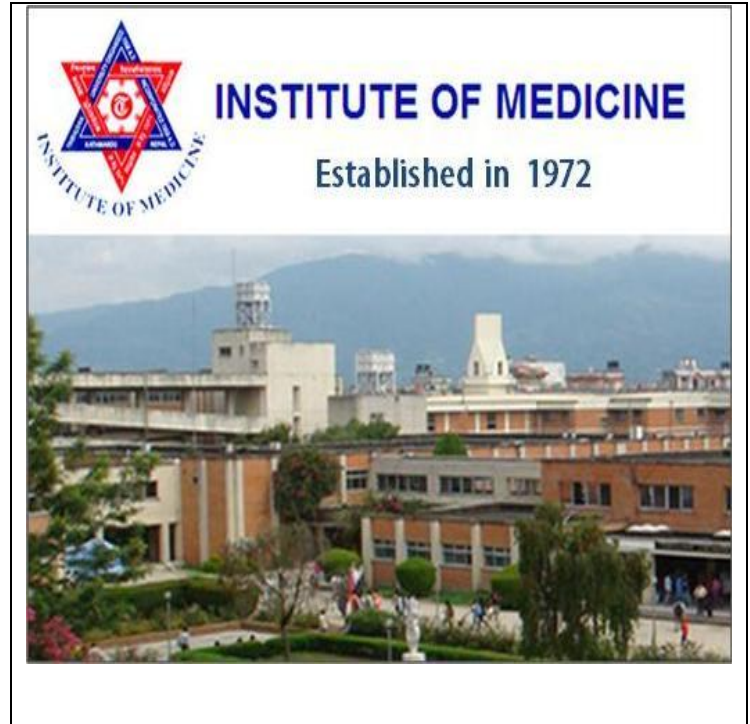
Institute of Medicine • Department of Anatomy, Nepal

Background: Corneal blindness is a major public health problem worldwide and infectious keratitis is one of its leading causes. The aim was to analyze the microbial etiology of corneal ulcers and to determine the antibiotic susceptibility pattern of bacterial isolates in order to find out the existing drug resistance pattern.

Results: Among the 84 cases of clinically diagnosed infectious keratitis investigated, 33 (39.3%) were farmers by occupation. All cases were reviewed for predisposing conditions and clinical severity. Ulcers were categorized as mild in 49 cases moderate in 12 and severe in 23 cases. Predisposing conditions were found in 55(65.5%) of the 84 cases. Forty-two cases showed culture positivity. Among these 42; 25 (29.7%) yielded fungal growth, 13(30.1%) yielded bacteria and the rest 4 (4.7%) showed mixed growth. *Aspergillus* spp. (10/29; 34.5%) were the commonest fungi isolated followed by *Fusarium* spp. (6/29; 20%). Similarly, *Staphylococcus aureus*, (8/17; 47%) was the most common among bacteria. Majority i.e 66.7% (26 of 39) of those having trauma, as the predisposing factor developed moderate to severe degree of corneal ulceration as compared to only 20% (9 of 45) of those without any history of trauma. ($p < 0.001$). Interestingly, 20(68.9%) of the 29 cases that had yielded fungal growth on culture

Professor (Associate)

Institute of Medicine • Department of Anatomy



- Anatomic Variations of the Right Hepatic Duct: Results and Surgical Implications From a Cadaveric Study
- Palm Creases Analysis in Students and Staff of a Teaching Hospital in Kathmandu
- Neck Shaft Angle of Non-articulated Femur Bones among Adults in Nepal
- Brain Morphology and Feeding Habits of Some Fresh Water Teleosts of Nepal
- Mucosa and taste buds of the human epiglottis

[6th Annual Congress on Applied Microbiology and Beneficial Microbes](#)

[Rajani Shrestha, Infectious keratitis in western Nepal: An experience from a tertiary care hospital Background: Applied Microbe 2020, 6th Annual Congress on Applied Microbiology and Beneficial Microbes, August 10-11, 2020, pp1](#)

