

18/10 / MED / TP

KENYA POLYTECHNIC UNIVERSITY COLLEGE

**INVESTIGATION ON PREVALENCE OF URINARY TRACT INFECTIONS
(UTI) IN PATIENTS VISITING MOI REFERRAL AND TEACHING HOSPITAL
IN ELDORET, KENYA.**

**SCHOOL OF HEALTH SCIENCE AND TECHNOLOGY
(DMLS HP 107305)**

MICHAEL MUDAVADI

COL. No: 107P07799

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ABSTRACT

This study investigates the prevalence of urinary tract infection i.e. (A bacterial infection that affects any part of the urinary tract). Urine is normally sterile but when bacteria invade the bladder or kidney they multiply in urine to cause urinary tract infection, most commonly cystitis and pyelonephritis. In ambulatory and hospitalized patients attending *Moi Teaching and Referral Hospital* for six months, urinalysis and sensitivity were performed on all specimens received in the laboratory since they are excellent for the diagnosis. A total of six hundred patients were diagnosed to find the gender most affected and the age mostly prone to the UTI. Microorganisms were isolated and sensitivity test done to find the most effective drug against the isolated microorganisms.