

26/10 MEDICAL TP

**THE KENYA POLYTECHNIC UNIVERSITY COLLEGE
SCHOOL OF HEALTH SCIENCE AND BIOTECHNOLOGY**

**PREVALENCE OF ENTERIC FEVER IN PATIENTS
ATTENDING KILIFI DISTRICT HOSPITAL**

**A RESEARCH PROJECT PRESENTED TO THE KENYA
POLYTECHNIC UNIVERSITY COLLEGE IN PARTIAL
FULFILMENT OF THE REQUIREMENT OF THE AWARD OF
A NATIONAL DIPLOMA IN MEDICAL LABORATORY
SCIENCE.**

PRESENTER: NDALE JOSEPH MAGANGA

COLLEGE NUMBER: 107/06524

ABSTRACT

The study was carried out from November to April to ascertain the occurrence of enteric fever among patients attending Kilifi District Hospital. During the study 134 specimens were collected and upon analysis 43 turned out to be positive. The most affected age group was (21-30) while the least affected age was (0-10) years.

More positive cases were isolated from blood culture than from fecal culture. Both specimen (blood and stool) were obtained from each patient. The most affected residential area was Mabirikani which had a total of 14 positive cases 32.56%. Mnarani had the least incidents of salmonellosis with only one person turning out positive (2.32%)

The month of April had the highest positive cases (30.23) while the lowest positive cases were noted on the month of January. The isolate when subjected to antimicrobial susceptibility testing showed sensitivity to all antibiotic used except chloromphenical, amoxiciline and ampicilline.