

Supplementary material:

Table 1: Antibiotic sensitivity/resistance pattern of *E. coli* strains isolated from Urine sample (n=40)

Antibiotic Tested	Sensitive (%)	Resistant(%)
Ampicillin	13 (32.5)	27 (67.5)
Nitrofurantoin	19 (47.5)	21 (52.5)
Gentamicin	12 (30)	28 (70)
Amikacin	18 (45)	22 (55)
Ciprofloxacin	14 (35)	26 (65)
Augmentin	09 (22.5)	31 (77.5)
Imipenem	27 (67.5)	13 (32.5)
Tazocin	35 (87.5)	05 (12.5)

Table 2: Antibiotic resistance profiles of *E. coli* isolated from urine specimens

Number of antibiotics tested	No. & Percent of strains showing resistance
one antibiotic	1 (2.5%)
Two antibiotics	4 (10%)
Three antibiotics	6 (15%)
Four antibiotics	6 (15%)
Five antibiotics	5 (12.5%)
Six antibiotics	7 (17.5%)
Seven antibiotics	8 (20%)

Table 2 shows that number & percentage of bacterial strains showing resistance to antibiotics increases with increase in the number of antibiotics. It may be the confounding effect of more than one antibiotics or a reaction of one antibiotic in combination to the other. In fact, it can also be revealed that individual antibiotic is more specific and effective against a particular species of bacteria.