AIMS &
OBJECTIVES
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The study was planned with the following aims and objectives:

**Laboratory Aspect:**

- To screen clinical isolates of *E.coli* & *Klebsiella spp* for ESBL (Extended Spectrum Beta Lactamases) production.

- To confirm ESBL production in suspected clinical isolates by phenotypic methods using CLSI (Clinical Laboratory Standard Institute) guidelines.

- To determine the antimicrobial sensitivity of these isolates to a selected panel of antimicrobial agents.

**Clinical Aspect:**

- To find out the extent of the problem by studying the prevalence of ESBL producing strains of *E coli* and *Klebsiella spp*.

- To study the clinical profile of the patients with infection by these strains.

- To study the risk factors associated with infection by ESBL producing strain of *E coli* and *Klebsiella spp* in hospitalized patients

- To analyze the outcome associated with infection by ESBL producing strain of *E coli* and *Klebsiella spp* in hospitalized patients