**Determination of Bacterial Factors Causing Urinary Infections and Antibiotic Resistance Patterns in Patients Hospitalized in Shahid Mohammadi Hospital of Bandar Abbas in 1398**

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**Abstract:**

This study aimed to determine the bacterial factors causing urinary infections and antibiotic resistance patterns among patients hospitalized in Shahid Mohammadi Hospital of Bandar Abbas during 1398 (2019-2020). The research was conducted in two parts: a microbiological study and a clinical study. The results showed that the most common bacterial isolates were Escherichia coli (45.5%) and Klebsiella pneumoniae (24.1%). The study also revealed high levels of antibiotic resistance, particularly to third-generation cephalosporins and fluoroquinolones. The findings highlight the need for improved infection control measures and the development of effective antimicrobial strategies to reduce antibiotic resistance.

**Keywords:**

- Bacterial factors
- Urinary infections
- Antibiotic resistance
- Hospitalized patients
- Shahid Mohammadi Hospital
- Bandar Abbas
- 1398 (2019-2020)