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## Prevalence of Microbial Infections Detected in the Urine Examination in Patients in the Area of Moldova in 2020 – 2024

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### Abstract

Urinary infections localized in any of the segments of the urinary system, from the urethra to the bladder are among the most widespread bacterial infections. They can occur in various causal situations, from an early age to old age. Following the centralization and analysis of the data, it was found that the bacteria that produced bacterial infections identified at an analysis laboratory in the area of Moldova are: E coli in a proportion of 69%, Klebsiella spp. 9%, Proteus spp. 3% followed in a small percentage by: Enterobacter spp., Enterococcus spp., Staphylococcus spp., Citrobacter sp., etc. The method of diagnosis of bacterial infections was uroculture on selective media, supplemented with the performance of the antibiogram as appropriate.

**Keywords:** Urinary Apparatus, Microbial Infection, Selective Media, Antibiogram, Prevalence