




Retrospective analysis of patients with endocarditis at University Hospital "Sveti Duh" in a two-year period

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Aim: The aim of this study was to make a retrospective analysis of patients admitted to hospital due to endocarditis and their characteristics.

Patients and Methods: In the period of 2 years, from June 2021 to June 2023, medical history of patients hospitalized in Department of Cardiovascular Diseases in University Hospital "Sveti Duh" with the diagnosis of endocarditis were examined.

Results: A total number of 9 patients were identified with the diagnosis of endocarditis. 6 were women and 3 were men. The average age was 66 years (38-83 y). The average hospitalization days was 35 (1-62 days). 4 patients had endocarditis of the native mitral valve, 4 of the native aortic valve, 1 of the tricuspid valve and only one had it on the artificial valve. 6 patients were discharged home after antibiotic therapy, two underwent surgery and one died. The most common causative agents were *Streptococcus (aureus, pneumoniae, alactolyticus)* and *Staphylococcus (epidermidis, capitis aureus)*, only one patient had *Enterococcus faecalis*.

Conclusion: According to our data, endocarditis of the native mitral valve in middle-aged and elderly women is most often. The *Streptococcus* and *Staphylococcus* sp are the most common causative agents. Antibiotics are generally sufficient to treat endocarditis^{1,2}.

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LITERATURE

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