

# Kazakh-Russian Medical University

## Theme: The treatment of rheumatic endocarditis



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Plan:

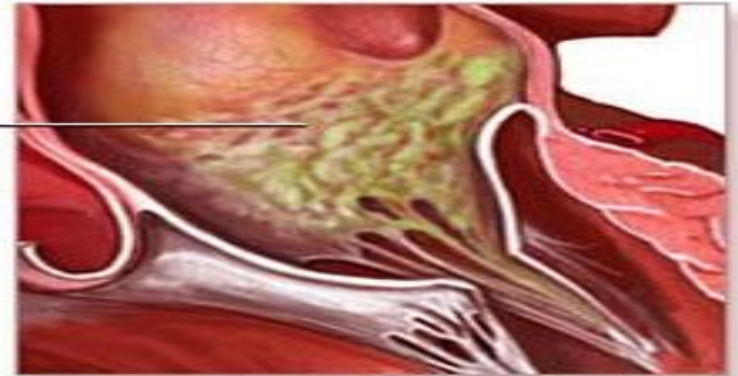
1. Treatment of rheumatic  
endocarditis

2. Test

## Endocarditis Treatment

Endocarditis Treatment is often difficult, the inability to quickly establish a diagnosis. In addition, the pathology may be "masked" for other syndromes. It is possible to identify the main trends that are used in the treatment of patients with:

**Эндокардит  
(endocarditis)**

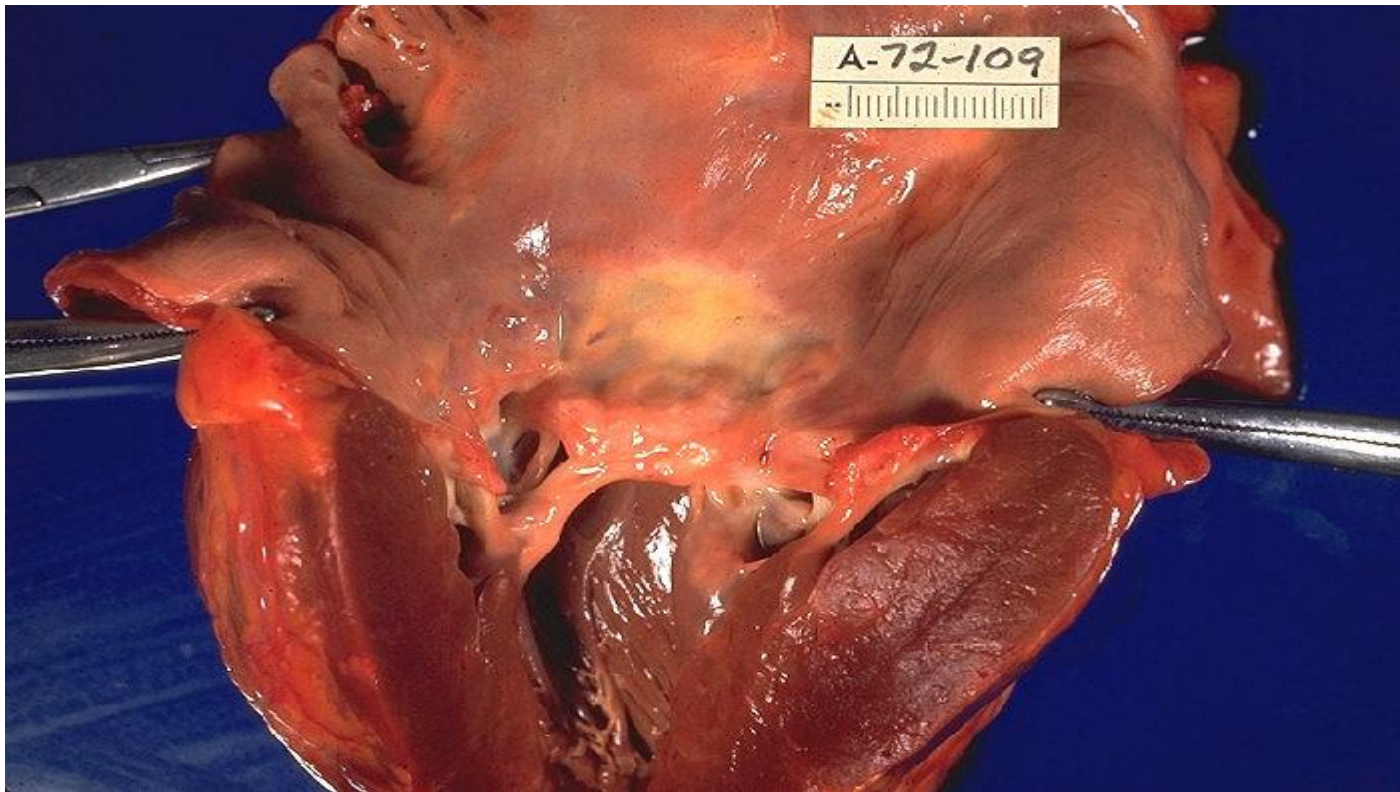


## ***Antibiotic therapy***

Microbicides used in high doses by intravenous drip. the use of one drug are often ineffective, then use a combination of drugs.

Depending on the pathogen used: benzyl penicillin, gentamicin and amikacin intramuscularly (viridans streptococcus infection); semisynthetic penicillins in combination with cephalosporins or aminoglycosides (with staphylococcal endocarditis);

intolerance to penicillins macrolides can be given;  
Vancomycin has high efficiency and fluoroquinolones;  
Treatment with amphotericin B antifungal antibiotic.  
Mandatory requirement - the continuity and duration  
of treatment.



## ***Immunotherapy***

Apply passive immunization to neutralize circulating in the bloodstream microbial toxins ready antitoxic sera. The most effective hyperimmune plasma and human immunoglobulin which is administered intravenously daily for 3-5 days.

## ***Surgery***

The surgical technique involves the mechanical removal of intracardiac foci of infection and the affected valve structures with subsequent reconstruction and implantation of artificial mechanical or biological prosthesis. Implemented in the event of failure of conservative treatment of developing heart failure, myocardial abscess, arterial thromboembolism, fungal endocarditis, and other adverse outcomes of therapy.

## Questions.

1. What drugs are used by intravenous drip?
2. To what end use a combination of drugs?
3. Which drugs are used in staphylococcal endocarditis?
4. What drugs are used for administration by intramuscular injection?
5. The duration of the immune response procedures?
6. To what end used passive immunization?
7. What is included of the surgery treatment?
8. In which cases surgical treatment is implemented?
9. That is the most effective in treating this disease?
10. That is the most effective treatment with the help of antitoxic sera?