

ANTIBIOTIC RESISTANCE OF MICROORGANISMS.

STATE OF PROBLEM AND WAY OF DECISION

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Resume. In the article the basic mechanisms of development and distribution of antibacterial resistance of microorganisms are resulted to the often in-use antibiotics. Actuality of problem of resistance of microorganisms to the antibiotics is reflected. The modern state of antibacterial resistance of most meaningful bacterial pathogens in the countries of Europe and USA is resulted. Authors accent attention on the necessity of the complex going near the decision of problem of antibacterial resistance, that includes the obligatory systematic monitoring of the state of resistance of microorganisms to the antibiotics, educational programs for doctors for prevention of the wrong use of antibiotics, as basic factor which provokes distribution of resistance of microorganisms to the antibiotics.

Key words: *antibiotic resistance, microorganisms, antibiotics.*