MODERN METHODS OF MEDICAL EQUIPMENT DISINFECTION IN BEAUTY SALON

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Introduction. Disinfection is a set of measures used to destroy pathogenic and opportunistic microorganisms. Awareness of the importance of disinfection appeared during epidemics of infectious diseases in the Middle Ages, when the belongings of patients began to be destroyed. Since then, disinfection methods have been significantly improved.

The advent of various disinfectants, the development of instructions and rules have significantly reduced the number of infections and prevented disease epidemics.

Aim. The main purpose of disinfection measures is to prevent the spread of infectious diseases to form and maintain safe living conditions. Disinfection has the task of interrupting the spread of infection from its source to other objects.

Materials and methods. There are five main methods of disinfection: chemical, physical, mechanical, biological and combined. Each of these methods is used in practice both individually and in combination with others.

Chemical method. Chemical– the main method of disinfection, which consists in the use of various chemicals and their compounds to destroy pathogenic and opportunistic microorganisms on surfaces, inside objects and objects of the environment, as well as in air and various substrates.

Preparations used for disinfection must meet a number of requirements, including: a wide range of antimicrobial activity, safety for humans and the environment, good solubility in water, effectiveness in interacting with organic contaminants, neutral odor, and so on.

Physical method. Disinfection by a physical method is carried out by means of influence on object of disinfection of various physical factors: boiling, burning, use of action of ultraviolet radiation, etc.

The basis of the physical method is heat treatment. Most pathogenic microorganisms die at a temperature of 60-70 ° C, but their spores are able to withstand higher temperatures.

Mechanical method. Mechanical disinfection is carried out in order to reduce the concentration of microorganisms in the environment.

Mechanical methods include wet cleaning, hand washing, removal of contaminated soil, water filtration, vacuuming, etc. It should be noted that mechanical

disinfection does not destroy microbes, but only partially removes them from the objects of disinfection, performing an auxiliary function.

Biological method**.** Biological method of disinfection is to destroy pathogens of infectious diseases by antagonist microbes.

Antagonism of microorganisms is a type of interaction of microorganisms in which one strain completely destroys or slows down the growth of another. In modern disinfection this method is not used due to its complexity.

Combined method. Disinfection is a combination of two or more basic methods of disinfection to increase the effectiveness of the result.

Primary machining using chemicals or the physical method is most often combined.

Results and discussion. The cheapest chlorine-based disinfectants are available even for home use, but there are a number of difficulties associated with them, such as chlorine-based disinfectants that cannot be removed from porous products, which is quite dangerous.

Chlorine can also ruin stainless steel products and clothing! Today, many pharmaceutical companies are engaged in the production of increasingly safe chemicals, including for disinfection in beauty salons.

They offer a huge selection of special disinfectants, which are presented in the form of a combination of different chemicals and active ingredients.

These disinfectants are designed specifically for salon accessories, tools and equipment. They are suitable for pre-cleaning, sterilization, disinfection, and for washing and disinfection of surfaces.

Conclusions. In modern conditions of strong competition among the enterprises of the beauty industry, requirements for carrying out disinfection measures constantly increase. The market offers a huge selection of special disinfectants.

Heat treatment is also widely used along with chemical methods of disinfection and sterilization. But here it is important to understand that any chemicals, no matter how modern and effective they are, are useless without proper and systematic use.

And the conditions for sterilization and disinfection are under the careful control of the relevant authorities. Each salon chooses its own method of disinfection and sterilization. They all have their advantages and disadvantages.

Safety above all – this motto should be a priority for all of us.