

## ADVANTAGES AND DISADVANTAGES AN ORAL IRRIGATORS

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**Introduction.** Even the most up-to-date and expensive toothbrush can not completely deprive the mouth and teeth from plaque and food debris that remain after careful mouthwash. Devices called irrigators, devoid of the above disadvantages and today more and more are used not only in dentistry, but also in home. More and more people every year recognize the need to have this device at home.

It uses a stream of pulsating water to remove the plaque and food debris between the teeth as well as below the gum line. The oral irrigator improves gingival health. The devices can also provide easier cleaning for braces and dental implants.

Thus, the use of irrigators is very important for the prophylactics and treatment of various dental diseases.

**Aim.** Analyze the main advantages and disadvantages of existing irrigators.

**Results and discussion.** Irrigators are divided into portable and stationary. Advantages of stationary irrigators, which connect to a home electrical grids:

- has a high power;
- the possibility of pressure regulation;
- do not need to charge the battery;
- usual in the complete they come together with different tips;
- easy to disassemble and wash.

Disadvantages of stationary irrigators: inconvenient to take in the traveling ,during working created noise and vibration. Advantages of portable irrigators that work from the battery: convenient to carry, because they have a small weight and compactness, not needed electrical grids for use.

Disadvantages of portable irrigators:

- the need for frequent replacement of batteries (accumulators) or recharging;
- more often fail, as they are made of light and not quite solid substances;
- has a small supply of water in the reservoir (may not be enough for one thorough cleansing of the entire oral cavity).

**Conclusions.** The use of irrigator for oral cavity is twice as effective as toothpaste and toothbrushes: up to 70% of plaque is cleared. As well as, the irrigator cleans gums, at the same time massaging them and improves blood circulation. Also, the irrigator is a good prophylaxis of such diseases of the gums and teeth as caries, periodontitis, gingivitis, etc.

## INTERNATIONAL CLASSIFICATION SYSTEMS FOR COSMETIC INGREDIENTS

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**Introduction.** At different times in different countries, they tried to systematize and catalog the plant and chemicals substance used for the manufacture of cosmetics means and drugs. Afterwards such catalogs began to have international status.

Many economically developed countries in the world, such as the USA, Australia, Canada, Japan and the countries of the European Union are requiring for manufacturers of cosmetic ingredients to register all new ingredients in such systems.

Today there are various international systems and catalogs of ingredients depending on their scope.