

БПОУ ВО «Борисоглебскмедколледж»

Таблетки и растворы в медицине



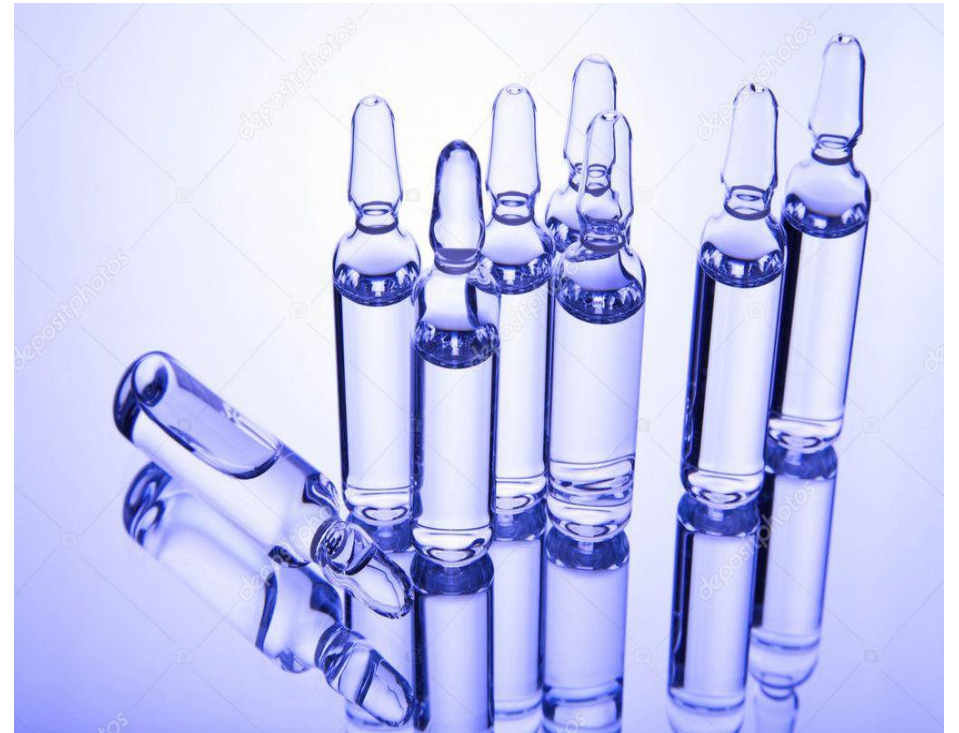
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Medicinal forms are the forms given to medicinal preparations for convenience of their application. Dosage forms are manufactured in pharmacies or at pharmaceutical companies. There are liquid, soft and solid dosage forms, as well as dosage forms for injections. The same medicament can be manufactured in various dosage forms.



Liquid dosage forms

Solutions are obtained by dissolving solid or liquid medicinal substances in a solvent. As a solvent, distilled water is most often used, and in some cases - ethyl alcohol, glycerin, liquid oils (vaseline, olive, peach, sunflower). Solutions should be transparent, should not contain notified particles or sediment.





They are taken inside or taken externally (lotions, rinses, wipes, drops in the nose, eyes and ears, as, compresses, injections). Solutions intended for internal use are dosed with table (15 ml), dessert (10 ml), tea (5 ml) spoons, and also with graduated cylinders (beakers). Some solutions containing toxic and potent medicinal substances are dosed in drops. In a similar way (drops) doses solutions are used for administration to the nose, ears or used in ophthalmic practice.

Solid dosage forms

Tablets - a solid dosage form, obtained by pressing medicinal substances on special machines.



Tablets have the form of round, oval or other forms of plates with a flat or biconvex surface. They are easy to use, portable and stored for a long time. In them, the unpleasant taste of medicinal substances is less noticeable.





In addition, by creating multi-layer tablets, it is possible to provide a certain sequence of absorption in the gastrointestinal tract included in the ingredients, so many tablets are strictly forbidden to chew, and the number of drugs manufactured by the pharmaceutical industry in tablets increases every year.

Thank you for attention !