***Students should know***

1. Brief historical information on the use of organopreparations.

2. Classification of organopreparations according to the type of raw materials, the nature of biologically active substances, technological characteristics.

3. Storage conditions, methods of preserving organs and tissues.

4. Technological scheme for obtaining preparations of dried glands and tissues.

5. Dosage forms of preparations of dried glands and tissues, their standardization:

* thyroid medications (thyroidin);
* drugs of the posterior lobe of the pituitary gland (adiurecrin).

6. Features of the technology of extraction preparations for internal use. Nomenclature of drugs:

* adrenal drugs (prednisone, dexamethasone, etc.)

7. Technological scheme for obtaining drugs for parenteral administration. Nomenclature of drugs:

* drugs of the posterior lobe of the pituitary gland (pituitrin);
* preparations of the anterior pituitary gland (corticotropin);
* adrenal preparations (adrenaline hydrochloride, epinephrine hydrotartrate, cortin, hydrocortisone, prednisolone, dexamethasone, etc.);
* pancreatic drugs (insulin).

8. Classification of insulin preparations by duration of action.

9. Methods for prolonging the action of insulin.

10. Automatic insulin dispensers.