

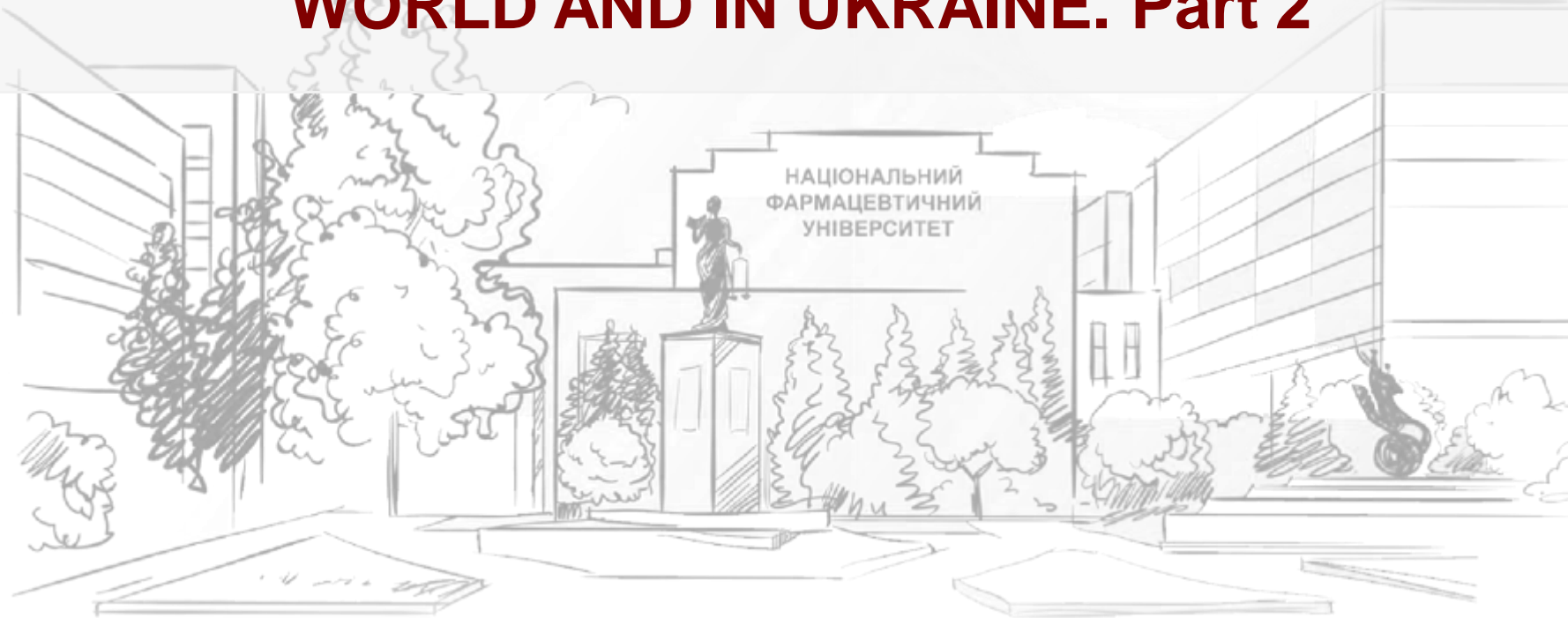


MINISTRY OF HEALTH OF UKRAINE
NATIONAL UNIVERSITY OF PHARMACY



Department of pharmaceutical technology of drugs

FUNDAMENTALS OF HOMEOPATHIC PHARMACY. PREVALENCE AND RECOGNITION OF HOMEOPATHY IN THE WORLD AND IN UKRAINE. Part 2



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- **DEFINITION OF HOMEOPATHY**
- **SAMUEL HANEMAN - THE FOUNDER OF THE HOMEOPATHIC METHOD OF TREATMENT**
- **CLASSIFICATION OF MEDICINAL PREPARATIONS USED IN HOMEOPATHY**
- **RANGE OF HOMEOPATHIC DOSAGE FORMS**
- **MAIN DIRECTIONS REGULATION OF PRODUCTION OF HOMEOPATHIC MEDICINAL PREPARATIONS**
- **THE NEED TO CREATE THE DOCUMENT "GMP IN HOMEOPATHY"**



DEFINITION OF HOMEOPATHY

A form of medicinal regulatory therapy that stimulates and normalizes the defenses of the body itself; it is a holistic medical system that has its own philosophy and point of view on all stages of human life

Homeopathy

«**Homeopathy**» consists of two Greek words:

«**homoios**» («similar»)

«**pathos**» («illness») or («suffering»)

The term firstly appeared in the writings of S. Hahnemann in 1807.

A form of drug regulatory therapy aimed at treating diseases by administering large doses of chemical compounds selected on the basis of the principle of "the same treatment for all"

Allopathy

«**Allopathy**» - «**allois**» («opposite»)

The Law of Ukraine "About Medicines" stipulates that homeopathic remedies must undergo state registration in the prescribed manner

If a homeopathic remedy is prescribed by a doctor in the form of an extemporal form, then it can be prepared according to the prescription in specialized pharmacies or in specialized departments.

NB ! According to the Law of Ukraine "About Medicines", homeopathic medicines are classified as medicines.

SAMUEL GANEMAN - THE FOUNDER OF THE HOMEOPATHIC METHOD OF TREATMENT (1755 – 1843)



***Christian Friedrich Samuel Hahnemann
M.D.***

born on April 10, 1755 in Meissen (Germany)



Main works

- ✚ «Instructions to thoroughly heal old lesions and rotten sores» (1784)
- ✚ «Arsenic poisoning» (1786)
- ✚ «Справочник аптекаря» (1793)
- ✚ «Organon of medical art» (1810)
(reprinted 6 times)
- ✚ «About Helleboreism of the Ancients»
«Pure medicine» (1811-1819)
- ✚ «Chronic diseases, their nature and homeopathic treatment» (in 2 volumes) (1828)



OUTSTANDING HOMEOPATHES WHO HAVE MADE A SIGNIFICANT CONTRIBUTION TO THE DEVELOPMENT OF THE HOMEOPATHIC METHOD OF TREATMENT



D.T. Kent

Ts.M. Boger

K. von Boenninghausen

L. D. Dhawala

K.B. Goering

E. Farrington

J. Charette

V. Berick

Adolph von Gerhardt

Alphonse Stiegele

D.G. Allen

T.F. Allen

R. Hughes

S. Korsakov

G.V. Gross

F.K. Bachmann

L. Herman

J.E. Stapf

V.V. Deriker

L.E. Brazol

Z.I. Golovach

V.M. Person

T.N. Granikova

V. I. Rybak

N.M. Vavilova

V. I. Varshavsky

A.F. Alexandrov

S.A. Mukhin

K.V. Grachev

G.M. Lipnitsky

M.F. Feldman

G.R. Miller

D.V. Popov

COMPARATIVE CHARACTERISTICS OF HOMEOPATHIC AND ALLOPATHIC TREATMENT METHODS

Homeopathy is aimed at activating the processes of self-regulation with the help of medicines selected individually, taking into account the reaction of the body:

- in accordance with the principle of similarity ("similia similibus curentur" - like is treated like), the use of minimal doses of medicinal substances, which are produced by potentiation, is a prerequisite for homeopathy;
- homeopathy studies the individual characteristics and reactions of the patient.
- the choice of the necessary homeopathic remedy is based on the comparison of characteristic symptoms and signs caused by the influence of the investigational medications with the symptoms of the disease of a particular patient;
- according to the theory of homeopathy, the healing process consists in "displacing" the disease from the body, which occurs due to the activation of its forces.

Allopathy is aimed at treating diseases, including the administration of chemical compounds in large quantities in order to achieve a positive therapeutic effect. A remedy chosen on the basis of the principle of "Contraria contrariis curantur" (the opposite is treated by the opposite) can cause one of the following:

- simply suppress the symptoms without affecting the cause (analgesics and substitution therapy);
- relieve symptoms by weakening the cause of the disease (for example, clearing worms from the intestines or getting rid of an infection with antibiotics);
- block the pathways of symptoms with antagonistic treatments (antihistamines)

Routes of action of allopathic and homeopathic medicines

ALLOPATHIC MEDICINES

usually the same medication is prescribed to all patients

medications are prescribed to treat individual symptoms (they are either suppressed without affecting the cause with the help of analgesics and substitution therapy; or they are alleviated by weakening the cause of the disease - getting rid of the infection with antibiotics; or the pathways of their development are blocked with the help of antihistamines)

the condition at the time of the consultation is being treated

usually requires a course of treatment

symptoms disappear without any order

side effects and iatrogenic diseases

HOMEOPATHIC MEDICINES

individual treatment, including chronic diseases

most drugs treat the patient as a whole

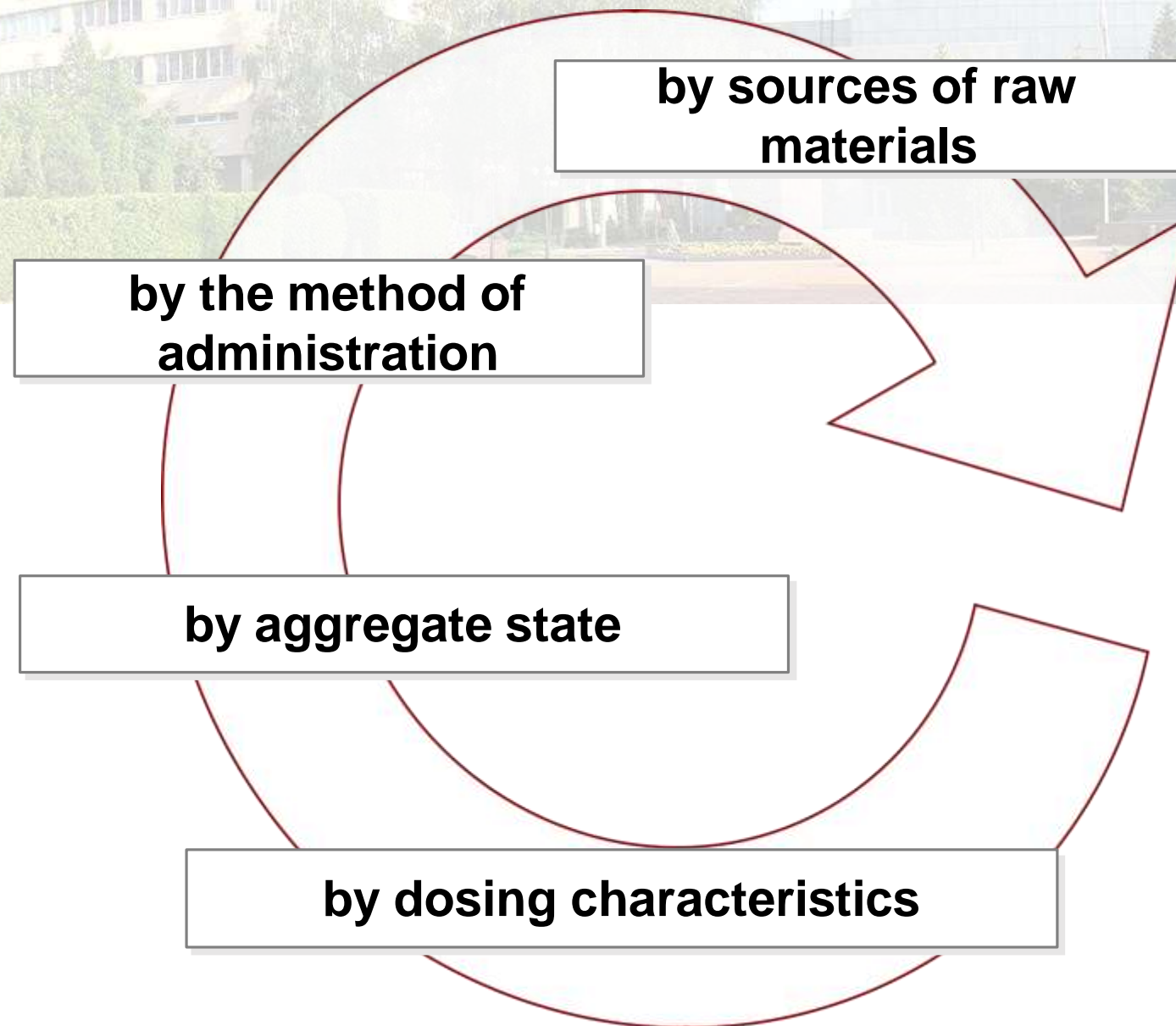
holistic approach

taken only before improvement occurs

symptoms disappear following Hering's Law of Healing

only temporary deterioration

CLASSIFICATION OF DRUGS USED IN HOMEOPATHY



CLASSIFICATION OF HOMEOPATHIC MEDICINAL PRODUCTS BY SOURCES OF RAW MATERIALS

More than 70%

PLANT ORIGIN

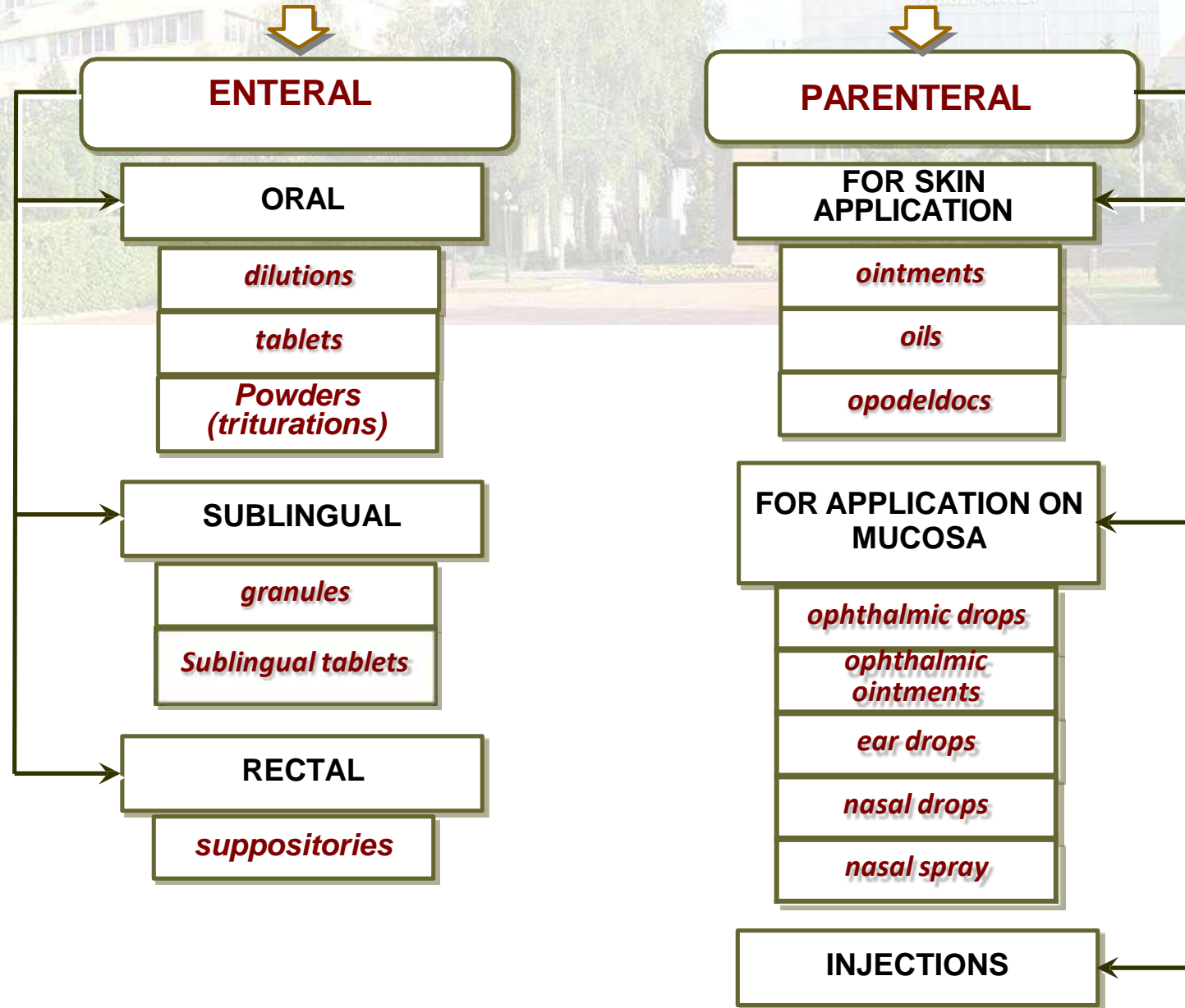
More than 20%

MINERAL ORIGIN

More than 5%

ANIMAL ORIGIN

CLASSIFICATION OF HOMEOPATHIC DRUGS BY DOSAGE FORM



MAIN DIRECTIONS OF REGULATION OF PRODUCTION OF HOMEOPATHIC MEDICINAL PREPARATIONS

Homeopathic medicines are approved for use in Ukraine according to the order of the Ministry of Health No. 165 dated 03.08.89. "On the development of the homeopathic method in medical practice and the improvement of the organization of providing the population with homeopathic medicines"

This order also provides :

- creation of the Center for Homeopathy of the Ministry of Health of Ukraine;
- conducting improvement cycles for doctors and pharmacists in homeopathy;
- preparation of normative and technical documentation for the manufacture of homeopathic medicines at pharmaceutical factories;
- opening of homeopathic pharmacies;
- organization of homeopathic offices in medical institutions

Quality criteria for medicines :

- efficiency;
- safety of use;
- compliance with the requirements of pharmacopoeial monographs, regulatory analytical documentation, technical specifications and so on.

NB! Product quality assurance is possible subject to Good manufacturing practice (GMP)

In the production of homeopathic medicines, the General Secretariat for Pharmacy of the International Homeopathic Medical League adopted an additional document on GMP, which was based on materials from :

***Homeopathic Pharmacopoeia of the United States
(first published 1897)***

***German Homeopathic Pharmacopoeia
(first published 1825)***

French Homeopathic Pharmacopoeia

***Indian Homeopathic Pharmacopoeia
(first published 1962)***

***British Homeopathic Pharmacopoeia
(first published 1870)***

***State Pharmacopoeia of Ukraine
(contains articles on homeopathic
dosage forms since 2014)***

PERSONAL EXPERIENCE OF DEVELOPERS

**The need to create a document "GMP in homeopathy"
("Homeopathic good manufacturing practices")
is due to the peculiarities of homeopathic pharmacy**

Determining the quality of homeopathic medicines :

- ✓ ***NMR spectrophotometry***
- ✓ ***spectrofluorimetry***
- ✓ ***Spectroscopy***
- ✓ ***pH meter***

All operations must be

***In homeopathic pharmacies and small firms, a number
of less informative tests are performed :***

- ✓ ***visual control***
- ✓ ***organoleptic control***
- ✓ ***chemical control***

reflected in the protocols

To determine the quality of highly dynamic homeopathic medicines,
only a qualitative method can be used - the clinical control method
developed by S. Hahnemann



CONTROL SYSTEM

control of compliance of initial products with their specifications

control over the conditions of preservation and storage of starting products

supervision of the quality of production procedures

production and storage of granules, grains, etc.

production and storage of purified water

preparation of matrix tinctures

preparation of matrix tinctures

saturation of granules or other carriers

supervision over the condition of working areas and equipment

sanitary and hygienic control

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THANK YOU FOR YOUR ATTENTION!



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