

REQUIREMENTS FOR COLLOQUIUM OF PHARMACOGNOSY

The students should present at a **notebook/folder containing 70 phytopharmaceutical** products from different biological active groups. The information structure for each phytoproduct should be as follows:

- trade name;
- dosage forms (tea, ointment, gel, suppositories, granules, tablets, capsules, oral solutions, injectable solutions, infusion solutions, drops, etc.);
- type of product or products included in the dosage form (tincture, extract, pure substance, semi-synthetic substance, combined product);
- botanical source (Latin name of the plant, plant family) and the herbal drugs from which the product was obtained;
- chemical composition - the main active substance / substances that determine the therapeutic effect of the phytoproduct;
- chemical structure of the active substance / substances;
- a summary of the pharmacological action;
- indications for therapeutic use;
- other medicinal products of the same plant or drug.

These data on medicinal phytoproducts should be systematized in a notebook / folder which the students present on the colloquium at the Department of Pharmacognosy and Pharmaceutical Chemistry to certify the internship.

LIST OF PHYTOPHARMCEUTICAL PRODUCTS

1. Products based on carbohydrates

Products with D-Mannitol:

Mannitol B. Braun 15% sol. inf.
Mannitol BAXTER 10% sol. inf.
Manitol Biopharm 15% sol. inf.

Products with D-Sorbitol:

Microlax rectal sol.

Products with D-Glucose:

Glucose Sopharma sol. inf. 5%, 10%, 25%, 40%
Dianeal PD4 Glucose
Physioneal 40 Glucose
Physioneal 40 CLEAR-FLEX

Products with Glucosamine sulfate:

Bonartos tabl. 1178 mg
Chondrostad powder for oral sol. 1500 mg
Dona powder for oral sol. 1500 mg

Products with Tribenoside:

Procto-glyvenol cream rect.

Products with D-Fructose

Laevulose sol.inf. 5%, 10%

Products with Maltose and semi-synthetic derivatives:

Maltofer syr. (Fe³⁺ hydroxide polymaltose complex)

Maltofer Fol. tabl.

Ferinject sol. inj.

Products with Lactulose:

Duphalac oral sol. 670 mg/ml

Duphalac fruit oral sol. 670 mg/ml

Lactulose - MIP oral sol. 650 mg/ml

Products with Amylum:

Voluven sol. inf.

Products with Dextranum:

Tears naturale II collyr;

Cosmofer sol. inj.; Diafer sol. inj.

Products with Lichen islandicus, Cetraria islandica:

Herbion iceland moss syr.

Products with Heparin sodium (only for external use):

Heparoid Zentiva 100 IU/mg oint.

Viatromb 400 IU/g cut. spray, sol.

Lioton 1000 IU/g gel

Venoprotect 1000 IU/g gel;

Mobilat cream; Mobilat gel

Contractubex gel;

Products with low molecular weight heparins:

Heparin sodium: Heparin-Natrium sol. inj.; Heparinum WZF sol. inj.

Enoxaparin sodium: Clexane sol. inj.; Crusia sol. inj.; Losmina sol. inj.; Thorinane sol. inj.

Dalteparin sodium: Fragmin sol. inj.

Nadroparin calcium: Fraxiparine sol. inj.

Bemiparin sodium: Zibor sol. inj.

Antithrombin (AT): ANTITHROMBIN III NF BAXALTA sol. inj.

Products with Hyaluronic acid sodium:

Hyalgan sol. inj. 10 mg/ml

Products with Sodium Chondroitin sulfate

Structum caps. 500 mg

Products with Acarbose (Акарбоза):

Aroba tab. 100 mg;

Glucobay tabl. 100 mg

Products with Sodium alginate:

Gaviscon tabl.

Gaviscon Liquid Sachets oral susp.

Gaviscon Cool Mint Liquid oral susp.

Gastroprotect Raft oral susp.

Products with herbal drugs containing mucilages:

Transilane sugar free powder for oral susp.;
Agiolax gran.
Mucoplant Spitzwegerich hustensaft syr.;
Tussavit syr.

D-r Theiss Echinacea forte oral sol.
Echinacin Madaus salbe 16% oint. Esberitox tab. 3,2 mg
Esberitox forte tabl. 16 mg
Echinacin juice Madaus syr.
Echinacin liguidum Madaus oral sol.
Echinacin Madaus capsetten pastille

2. Products based on plant and animal fatty oils.

Piascledine 300, caps.
Omacor 1000 mg, caps.

3. Products based on simple phenolic glycosides and their semi-synthetic derivatives.

Algopix shampoo
Wishnevsky oint. 30 mg/g.

Tinctura Castellani – Heffe cutaneous sol.

Cystinol akut coated tabl.

Redormin tabl.
Sedacur forte coated tabl.
Doppelherz energie-tonicum N sol.

4. Products based on hydroxybenzoic acid and their semi-synthetic derivatives.

Acerbine oint.cutaneous sol.

BenGay 150 mg/100 mg/g ointment.
Deep heat spray sol.
Algesal suractive cream.

Vitango film tabl. 200 mg.

5. Products based on hydroxycinnamic acids and their semi-synthetic derivatives.

Cynarix coated tabl.;
Cynarix liquid oral sol.

6. Products based on lignans.

Condylin sol. cut.
Etoposide Accord 20 mg/ml for sol. inj;
Etoposide Ebewe 20 mg/ml, conc for sol. inj.;
Etosid 20 mg/ml sol.inf.;

Legalon 140, caps.;
Carsil tabl. 22.5mg; Carsil caps. 90 mg; Carsil max caps. 110 mg;
Hepcarsil caps. 45 mg; Hepcarsil forte caps., 90 mg;
Cefasilymarin tabl. 105 mg;
Iberogast oral drops sol.

7. Products based on coumarins and their semi-synthetic derivatives.

Canephron coated tabl.

Gastritol oral liquid.
Iberogast oral drops sol.

Umckalor oral drops sol.; Umckalor film tabl.;

Hymecromon Sopharma 400 mg tabl.

Sintrom tabl.

8. Products based on phytomenadion.

KA-VIT, sol. 20 mg/ml
Konakion MM, sol.

9. Products based on anthraquinones.

Agiolax gran.;
Natural senna laxative tabl.;
X-Prep oral sol.;
Sinupret tabl.; Sinupret forte tabl.

Remotiv film. tabl. 250 mg;
Laif 600 film. tabl. 612 mg;
Nelladel complex coated tabl.

10. Products based on flavonoids and their semi-synthetic derivatives.

Troxerutin Sopharma caps 300 mg;
Troxerutin Sopharma gel 2%;
Troxevasin caps. 300 mg; gel 2 %;
Troxerutin VP gel, 2%;
Troxedmed caps. 300 mg;
Indovasin gel

Flebaven 500 mg film-coated tabl; Flebaven 1000 mg tabl.;
Flevenol 500 mg film-coated tabl.;
Phlebodia 600 mg film-coated tabl.;
Dioket 600 mg;
Diosmin Hasco-Lek 1000 mg film-coated tabl.
DIH MAX 1000 mg film-coated tabl.

Detralex 500 mg film. coated tabl
Dioflavon 500 mg coated tabl.

Venosmil 200 mg caps.

Tinctura crataegi, oral drops
Sympathyl film-coated tabl.;
Doppelherz energie-tonicum N, sol.

Tanacan film-coated tabl 40 mg ; Tanacan oral sol. 40 mg/ml;
Memoplant 40 mg, film tabl.;
Tebokan 80 mg, film tabl.; Tebokan forte 120 mg, film tabl.;
Bilobil 40 mg, caps.; Bilobil forte 80 mg, caps.; Bilobil intens 120 mg, caps.

Solidagoren 7.9 ml/10 ml oral drops sol.
Fitolizyn oral paste.

Endotelon gastr.-res. tabl. 150 mg.

Veregen 10% ung.

11. Products based on cardiac glycosides.

Digoxin Richter 0.25 mg tabl.; 0.25 mg/ml sol.

Lanitop 0.1 mg tabl.

12. Products based on sterols, steroidal and triterpenoid saponins.

Prostamol Uno caps.
Prostaplant caps.
Prostamed chewable tabl.
Urogutt caps.

Cyclo 3 fort caps.
Tribestan tabl.

Dr. Theis venen gel.
Reparil gel N
Remifemin tabl.
Klimadynon tabl.

Prospan acute, eff. cough tabl.; Prospan 2 mg/100 ml oral drops sol; Prospan syrup

Helituspan syrup

Hedespan syrup

Ivitus oral sol.

Hedelix 0.8 g/100 ml syrup

Hedelix 0.8 g/100 ml syrup

Hedera Helix leaves dry extract Sanofi, 33 mg/4 ml syrup

Mucoplant cough syrup Ivy 154 mg/100 ml syrup

Bronchicum elixir, syr., Bronchicum elixir S, syr.

Bronchipret film-coated tablets

Sinupret, tabl., Sinupret forte, tabl.

13. Products based on essential oils.

Ben Gey sports balsam
Dimex sir.
Hustagil cold balsam oint.
Hustagil Thyme cough syr.
Bronchipret film-coated tablets
Bronchicum lozenges
Revulsan oint.
Spiritus Camphoratus sol. cut.
Spiritus Lavandulae sol. cut.
Spiritus Mentholi sol. cut.
Tavipec caps gastr.-res.
Levaxan soft capsules
Validol tabl. subling.
Valeriana, film tabl.
Eunervina sir.
Tinctura Menthae piperitae drops
Tinctura Valerianae drops
Tussirol sir.
Valeriana tabl.
Doppelherz energie-tonicum N sol.
Bronchopam herbal tea
Neo Angin N loz.
Anaesthesol sol. cut.
Gelomyrtol forte caps. gastr.-res.
Carmolis fluid sol. cut.
Carmolis drops sol. inh.
Kamistad gel oral
Septolete D loz.
Deep Heat Rub. cream
D-r Theiss Eucalyptus erkaeltungs balsam S oint.
D-r Theiss Anisol caps.
Dormiplant tabl.
Redormin tabl.
Sedacur forte, tabl. Coat.
Carminativum babynos colic drops
D-r Theiss hustentropfen drops
Menthol oint. 2%
China-oel drops/liq. inh./sol. cut.
Kamillosan spray oral muc.
Dentinox gel N
Antinervin S sir.
Dr Theiss Rheumatik cream
Mint, hawthorn, valerian tabl.

14. Products based on alkaloids and their semi-synthetic derivatives.

Broncholytin sir. (Bronchocin, Bronchinol, Bronchoton sir.)
Ephedrini hydrochloricum sol. inj.
Rhinolex oint.
Mucoseptonex E sol.

Capsamol dolor cream

Colchicum dispersum tabl.
Licocin film-coated tabl.
Colchicine Ecopharm
Clopassa tabl.

Nicorette mint gum med. 2 mg/4 mg (Nicorette freshfruit, med. gum 2 mg/4 mg., Nicorette icemint, med. gum 2 mg/4 mg).
Nicotinell mint gum med. 2 mg
Nicotinell TTS 10, 20, 30 mg
NiQuitin CQ 7, 14 и 21 mg/24 h nicotine, TTS.

Atropini sulfas amp.
Atrovent sol. inh.
Bellergamin tabl.
Buscolysin tabl. (Buscomed, Buscopan)

Tabex tabl.

Chinidini sulfuricum tabl.

Campoto, fl.,
Hycamtin, fl.

No-Spa tabl., amp., No-Spa forte tabl., amp.
Dro Spaz tabl.
Papaverini hydrochloricum tabl., amp.

Morphini hydrochloricum amp.
Morphine sulfate PR
MST continuus tabl.

Daleron Cold 3, tabl.,
Demephan, syr.,
Infludex, syr.,
Coldrex Nite, syr.
Rhinovalk=Rhino Fervex, tabl. eff.

Naloxone, amp.
Codterpin tabl.
DHC Continuus tabl.
Paracofdal tabl.
Sedalgin Neo tabl.
Solpadeine caps./tabl., Solpadeine soluble tabl.
Aceffein, tabl.
Dimex-Co, syr.
Codterpin, tabl.

DHC Continus, tabl.

Tussirol, syr.

Glaucine

Glauvent tabl.

Nivabex syr.

Nivalin amp., tabl.

Curarin-Asta, fl

Umbretid, amp.; tabl.

Syntostigmin amp.

Gilurytmal, tabl.; amp.

Vinblastin Richter amp.

Vincristin TEVA amp.

Citomid amp.

Navelbine amp.

Navelbine, amp.

Oncovin, amp. сухи

Eldisine, amp. сухи

Cavinton amp., tabl.

Vinpocetine tabl.

Vinpo-10 tabl.

Alloferin, amp.

Methergin tabl.

Methylergobrevin sol./drops.

Methylergometrin NIHFI tabl

Coffergamin tabl.

Dihydergot spray nas.

Parlodel tabl.

Bromocriptin tabl.

Serocryptin tabl.

Sermion tabl., amp.

Permax, tabl.

Pilocarpini hydrochloricum drops eye

Coffeinum natrio bensoicum amp.

Coldrex tabl.

Panadol extra tabl.

Saridon tabl.

Benalgin tabl.

Aceffein tabl.

Gippostad C International, caps.

Coffergamin, coat. Tabl.

Coldrex NF, tabl.; Coldrex tabl. + Vit. C, tabl.

Durophyllin caps.

Novphyllin amp., tabl.

Durofilin, caps.

Theophyllin 100, tabl.
Theoplus depo tabl.
Theotard depo tabl.

Agapurin tabl., Agapurin retard tabl.
Pentilin tabl., amp.
Pentophyllin tabl., amp.
Pentoxifyllin amp.
Pentoxipharm tabl. gastr. res.
Trental tabl. retard, amp.

Taxol, fl.
Taxotere, fl.

Cefabene ointment., Cefabene drops., Cefabene tabl. film.

The list of phytoproducts was approved by the Department council with Protocol № 02/21.03.2024.

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