

Level: master				
Course title: Phytotherapy (IB-511)				
Status: elective				
ECTS: 6				
Requirements: /				
Learning objectives To provide students with knowledge of basics of modern phytotherapy, particularly rational phytotherapy. To introduce students with the latest scientific achievements in application of drugs, phytopreparations and compounds isolated from plants in the treatment of various diseases, with the proposed mechanism of action. To enable students to comprehend the side effects of improper use of phytopreparations.				
Learning outcomes After successful completion of this course the student is able to: (1) explain the role and place of phytopreparations in modern therapies (2) point to the significance of rational phytotherapy, (3) describe certain mechanisms of action of phytopreparations, (4) describe the side effects (contraindications) from the use of certain phytopharmaceutical.				
Syllabus <i>Theoretical instruction</i> Phytotherapy through history. Definition and types of phytotherapy and phytopreparation. The main forms of phytotherapy. Basics of rational phytotherapy. Phytopreparations in the treatment of central nervous system diseases, mechanism of action. Phytopreparations in the treatment of cardiovascular diseases, disorders of lipid metabolism, digestive disorders, respiratory and urinary tract infections, skin diseases. Mechanisms of action, therapeutical dosage and side effects. Drugs and herbal remedies in chemoprevention of cancer diseases. <i>Practical instruction</i> Analysis of commercial phytopreparates. Evaluation of the quality of certain phytopharmaceuticals in accordance to Pharmacopeia. Independent product development.				
Weekly teaching load				Other:
Lectures: 2	Exercises:3	Other forms of teaching: /	Student research: /	