MUNI
PHARM

Advanced Master's Procedure

Topics for Advanced Master's State Examination

SOCIAL PHARMACY

revision: 2024

1. **Pharmacy and its position in the healthcare system** (basic characteristics, practical branches of pharmacy, legislative regulation of pharmacy and healthcare in the Czech Republic, healthcare, health services)
2. **Health and medicine policy** (basic documents and concepts of health and medicine policy in the Czech Republic, medicine policy of the Czech Republic, EU and WHO)
3. **Specific nature of medicines** (value and importance of medicines in society, principles of medicine regulation, basic professional standards)
4. **Pharmaceutical aspects of health protection and health promotion** (health protection and health promotion, disease prevention, health literacy, screening methods)
5. **Economic aspects of pharmacotherapy** (health technology assessment, pharmacoeconomic analysis methods, quality of life and its assessment)
6. **Healthcare financing** (social-health security systems/models, health insurance in the Czech Republic, health services financing)
7. **Evaluation of the use of medicines** (medicine utilization studies, pharmacoepidemiologic studies, opportunities to rationalise the use of medicines)
8. **Healthcare safety and pharmacotherapy** (pharmacovigilance, safe healthcare culture, management of pharmacotherapy-related problems)
9. **History of pharmacy in Europe** (ancient Greco-Roman civilization and its contribution to the development of European pharmacy, healthcare and the emergence of the classical European pharmacy in the Middle Ages - characteristics of the position and profession of the pharmacist, the pharmacy workplace and the medicines used, pharmacy in modern Europe - the impact of social changes, internal differentiation of pharmacy, changes in the approach to pharmacotherapy)
10. **History of pharmacy in the Czech lands and the Czech Republic** (basic overview of the development of the organizational integration of pharmacy into the healthcare system, overview of the development of pharmaceutical literature - pharmacopoeias, monographic and periodical publications, operational and technical development stages of pharmacy workplaces)
11. **Operation of pharmacy care facilities** (legislative framework for the provision of pharmacy care, requirements, professional activities)
12. **Staffing of pharmacy care** (requirements for staffing of pharmacy care, education, ethical aspects of the pharmacist profession)
13. **Quality management in healthcare and pharmacy** (quality management of healthcare, quality assurance of medicines in pharmacy care facilities, external professional control of pharmacy care)
14. **Financial management in pharmacies** (basics of price and reimbursement regulation, inventory management, marketing and market analysis)

15. **Production and distribution of pharmaceuticals** (specifics of the pharmaceutical market, legal regulation of production and distribution of pharmaceuticals, ensuring availability of pharmaceuticals, re-export, use of unregistered pharmaceuticals in the Czech Republic, counterfeiting of pharmaceuticals, verification of pharmaceuticals)
16. **Pharmaceutical care and pharmacotherapy management** (pharmaceutical care, clinical-pharmaceutical care - basic characteristics, position and problems in contemporary healthcare, information and consultation activities of pharmacists in the care of outpatients and hospitalized patients, medicine problems and pharmacist's options in their solution, shared medication record and possibilities of use in practice)
17. **The position of pharmacies and pharmacists in self-medication** (self-medication, non-prescription medicines, other products available in pharmacies without a prescription, mail-order dispensing of medicines, professional recommendations, algorithms)
18. **Opportunities for the development of pharmaceutical care** (physical and biochemical examinations, vaccinations, participation in public health campaigns, addiction care)
19. **Information system of healthcare** (basics of health statistics, National Health Information System, classification systems in healthcare)
20. **Recipients of healthcare** (rights and obligations of patients, insured persons, vulnerable persons and groups, patient organisations, their role and status)