THESIS TOPICLIST
Advanced Practice Nurse
Academic year 2025/2026

Supervisor:	**Prof. Dr. József Betlehem**
Workplace:	UP FHS
Title (1)	**Knowledge of modern care tools among nurses**
Introduction:	Recently, more and more care support tools have appeared, both in healthcare institutions and in patients' homes. The professional application of these tools in practice is not always effective, which is partly due to the lack of theoretical knowledge and partly of practical experience. The purpose of the study is to assess the habits of nurses using modern nursing devices in departments with different profiles.
Applicable data collecting methods:	Questionnaires
Necessary and applicable statistical analysis:	Descripitves and mathematical statistics
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**Patrik Bogdán**
Workplace	UP FHS Department of Nursing Sciences
Title: (2)	**The impact of workplace stress on the mental health and workplace motivation of nurses**
Introduction:	Nurses have to cope with numerous sources of stress during their nursing activities. These collectively affect their mental health, performance, and workplace motivation. The aim of the study is to detect the stress factors and their sources that affect nurses in their daily patient care.
Applicable data collecting methods:	Questionnaire survey
Necessary and applicable statistical analysis:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	3
Major/specialization:	Advanced practice nurse

Name of the supervisor:	**Éva Horváth**
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (3)	**Artificial intelligence in nursing, our recent and future possibilities**
Introduction:	The explosive development of artificial intelligence (AI) is not leaving health care and nursing behind either. There are many possibilities for exploiting this area. AI encompasses a range of healthcare technologies that are transforming the role of nurses and improving patient care. In healthcare, artificial intelligence generally refers to the ability of computers to independently transform data into knowledge to guide decisions or autonomous actions. However, precisely defining AI can be challenging due to its wide range of applications, including risk-prediction algorithms, robotics, and voice recognition—all of which are improving the quality of nursing practice and moving rapidly toward changing healthcare. AI tools for use in nursing include clinical decision support, mobile health and sensor-based technologies, and voice assistants and robotics.
Research methods to be used in the processing:	Questionnaire, document analysis, data analysis
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme	2
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization Advanced Practice Nurse

Name of the supervisor:	**Éva Horváth**
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (4):	**Difficulties of pain assessment and pain relief in critical care patients from a nursing point of view**
Introduction:	Assessing and treating the pain of critically ill patients is a complex and often not an easy task for the professional staff. In the case of unconscious or sedated patients, completely different pain assessment tools are needed to assess pain than in awake oriented patients. The examination of their effectiveness and the comparison of different tools include many perspectives.
Research methods to be used in the	Application of survey tools, data analysis, document analysis

processing:	
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme	2
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	**Éva Horváth**
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (5):	**Medication difficulties and errors from a nursing perspective**
Introduction:	Unsafe drug use is one of the most common errors within the health care system that could be avoided. Errors occur most often during drug administration. Nurses have a significant role in preventing and avoiding these errors. After all, they are the last persons in the process who can correct and protect against accidental errors.
Research methods to be used in the processing:	Questionnaire, interview
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme	2
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	**Éva Horváth**
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (6)	**Investigating neurological diseases and related nursing issues**
Introduction:	The potential of neurological patient care can be explored in a variety of ways, with a particular focus on the quality of patient care and modern nursing practices. The most common neurological diseases, such as stroke, Parkinson's disease or multiple sclerosis, and their nursing characteristics are presented. Interdisciplinary collaboration and the development of communication and empathic skills of nurses will be emphasised. The thesis may identify the training needs of nurses and suggest opportunities for further training. It may also explore the role of technological developments, such as rehabilitation tools or digital patient tracking, in neurological nursing. Overall, the importance of the

	topic lies in raising the quality of care and improving the quality of life of patients.
Research methods to be used in the processing:	Questionnaire, document analysis, data analysis
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme	5
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization Advanced Practice Nurse

Name of the supervisor:	**Éva Horváth**
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (7):	**Nursing assessment of intensive therapy and patients receiving intensive therapy care.**
Introduction:	The care of patients in intensive therapy requires a high level of complexity, professional skills and constant presence. This thesis examines patient care in the intensive care unit from a nursing perspective, with a particular focus on the support of life-sustaining interventions. Emphasis is placed on the physical and psychological workload of nurses, as well as communication and collaboration with other healthcare professionals. The aim of this thesis is to identify opportunities for improving nursing practice and patient safety. The topicality of the topic stems from the growing importance of intensive care units and the ever expanding role of nurses.
Research methods to be used in the processing:	Questionnaire, interview
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme	5
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization Advanced Practice Nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title (8):	**Challenges of Transcultural Nursing in the 21st Century**
Introduction:	The increasing rate of migration presents new challenges to healthcare systems, as cultural differences, language barriers, and varying levels of health literacy can hinder the provision of effective and equitable care.

	The aim of this research is to explore how migration impacts access to healthcare services and nursing practice, with particular emphasis on the challenges arising from cultural diversity.
	The study also seeks to examine the social, linguistic, and health literacy-related barriers that complicate the care of migrant patients and how these factors influence the efficiency of the healthcare system.
	A key objective of the research is to investigate nurses' transcultural competencies, attitudes, experiences of conflict, and self-assessment related to the care of migrant patients.
Research methods to be used in the processing:	questionnaire, validated questionnaire
Required and applicable statistical methods:	Data analysis was conducted using descriptive statistics (mean, standard deviation, frequency) and inferential statistical methods (Chi-square test, t-test, and analysis of variance).
Estimated number of theses that can be submitted within the theme	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title (9):	**Assessment of Patient Satisfaction in Everyday Clinical Care**
Introduction:	In evaluating the quality and effectiveness of healthcare services, the assessment of patient satisfaction plays a key role, as it not only reflects perceptions of service quality but also shapes patients' long-term loyalty and trust toward the healthcare system. The aim of our research is to explore patient satisfaction related to everyday primary care, with particular emphasis on the factors influencing satisfaction and the relationship between satisfaction and loyalty. We seek to identify which dimensions of service quality have the greatest impact on patients' satisfaction during the provision of care.
Research methods to be used in the processing:	questionnaire, validated questionnaire
Required and applicable statistical methods:	Data analysis was conducted using descriptive statistics (mean, standard deviation, frequency) and inferential statistical methods (Chi-square test, t-test, and analysis of variance).
Estimated number of theses that can be submitted within the theme	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title (10):	**Vacuum-assisted closure (VAC) therapy**
Introduction:	The management of chronic and hard-to-heal wounds represents a significant challenge for healthcare systems. Vacuum-assisted closure (VAC) therapy is an innovative method that uses negative pressure to promote wound healing, reduce the risk of infection, and improve patient recovery outcomes. The aim of this study is to investigate the impact of VAC therapy on patients' quality of life and their satisfaction with the treatment, as well as to identify the clinical and nursing factors that influence the therapy's effectiveness, wound healing outcomes, and patient satisfaction.
Research methods to be used in the processing:	questionnaire
Required and applicable statistical methods:	Data analysis was conducted using descriptive statistics (mean, standard deviation, frequency) and inferential statistical methods (Chi-square test, t-test, and analysis of variance).
Estimated number of theses that can be submitted within the theme	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization Advanced Practice Nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (11)	**The Importance of Screening Examinations in the 21st Century**
Introduction:	Health awareness closely involves participation in various screening examinations (such as those related to age, gender, and the prevention of certain diseases like cardiology, dental, oncology, psychiatric disorders, and malnutrition). These screenings help in the timely detection of diseases that are significant from a public health perspective. Despite this, unfortunately, many people in Hungary lose their lives due to treatable health problems. Objective: The aim of the study is to explore the population's attitudes, motivations, and reasons for non-participation in screening examinations based on their socio-demographic data. Additionally, it seeks to assess their knowledge about responsible risk factors and the practice of self-examination in the context of specific diseases. Another goal is to measure the prevalence of these diseases using validated measurement tools.

Sample size:	100 individuals
Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Required and applicable statistical methods:	Descriptive (mean, standard deviation, frequency) and mathematical statistics (χ^2 test, t-test, analysis of variance, confidence intervals for mean and frequency)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (12)	**Examination of Attitudes and Knowledge Levels Regarding Vaccinations**
Introduction:	Vaccinations play a significant role in the prevention of infectious diseases worldwide. Objective: The aim of the study is to explore the population's attitudes, motivations, and knowledge regarding various (mandatory and non-mandatory) vaccinations.
Sample size:	100 individuals
Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Required and applicable statistical methods:	Descriptive (mean, standard deviation, frequency) and mathematical statistics (χ^2 test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (13)	**Incidence of Needlestick Injuries in Everyday Practice**
Introduction:	Annually, more than 3 million healthcare workers suffer needlestick injuries. Research Objective: The aim of the study is to assess the frequency of

	injuries caused by sharp or pointed instruments among healthcare workers and students in healthcare training during their clinical practice, and to examine the effectiveness of training aimed at preventing these injuries. A secondary objective is to explore the knowledge level of the designated population regarding the health risks caused by potential injuries.
Sample size:	100 individuals
Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Required and applicable statistical methods:	Descriptive statistics (mean, standard deviation, frequency) and inferential statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai, Miklós Lukács**
Supervisor's workplace:	UP FHS
Topic title: (14)	**The Importance of Hospice and Palliative Care in the 21st Century**
Introduction:	In our country, the mortality rate from malignant tumors is extremely unfavorable, ranking second only to cardiovascular causes. In Hungary, early mortality caused by malignant tumors far exceeds the European Union (EU) average, being 1.8 times higher. Data from the International Cancer Registry and the Hungarian Central Statistical Office (KSH) show that approximately 30-35 thousand people die annually from various malignant tumors in Hungary. Research Objective: The aim of the study is to assess: The quality of life of patients receiving palliative care The loss experiences of healthcare workers and relatives The significance of psychological, spiritual, and social aspects
Sample size:	100 individuals
Research methods used in the processing:	Document analysis, standard questionnaire
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (15)	**Examination of Quality of Life Among Patients with Various Conditions**
Introduction:	The aim of quality of life studies is to standardize, quantify, and characterize the impact of a disease or therapeutic procedure on a patient's health using scientifically analyzable parameters. Research Objective: The goal of the research is to assess the quality of life among patients suffering from various conditions (e.g., internal medicine, surgery, orthopedics, gynecology, neurology, oncology, palliative care) depending on the severity of the disease. It aims to examine how medication and diet influence the development of their own quality of life. Additionally, it seeks to assess how a specific disease (e.g., stoma) affects relationships and sexual life.
Sample size:	100 individuals
Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (16)	**Fall Prevention Among the Elderly**
Introduction:	Falls are a common and serious problem in the lives of the elderly, affecting about one-third of those over 65 years old annually, with many experiencing recurrent falls. As a result of falls, the elderly can suffer various minor or major health damages, necessitating healthcare services. Additionally, complications arising from falls increase the risk of early mortality. Research Objective: The aim of the study is to assess knowledge about falls and their prevention, as well as the interventions taken by the elderly.
Sample size:	100 individuals

Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Required and applicable statistical methods:	Descriptive statistics (mean, standard deviation, frequency) and inferential statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (17)	**Examination of Career Choices, Motivations, and Further Education of Graduating Students in Health Vocational Schools**
Introduction:	The aim of the research is to assess the factors influencing career choices in healthcare, motivations, and the students' intentions for further education.
Sample size:	100 individuals
Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (18)	**Factors Influencing the Effectiveness of Breastfeeding**
Introduction:	The World Health Organization recommends exclusive breastfeeding until 6 months of age. However, some mothers do not always provide this for their children for various reasons. The aim of the research is to understand mothers' knowledge and difficulties related to breastfeeding. Research Methods Applicable During Processing: Self-constructed questionnaire, validated questionnaire, document analysis
Sample size:	100 individuals

Research methods used in the processing:	Self-constructed questionnaire, validated questionnaire, document analysis
Required and applicable statistical methods:	Descriptive statistics (mean, standard deviation, frequency) and inferential statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Name of the supervisor:	**Dr. Annamária Karamánné Pakai**
Supervisor's workplace:	UP FHS
Topic title: (19)	**Examination of Access to Healthcare for Foreign Students**
Introduction:	We have little information about the health status of foreign students studying at the Faculty of Health Sciences at the University of Pécs who do not speak Hungarian. Objective: The aim is to assess the healthcare-seeking habits, barriers, language difficulties, and satisfaction with healthcare among foreign BSc students.
Sample size:	100 individuals
Research methods used in the processing:	Questionnaire
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Advanced practice nurse

Supervisor:	**Dr. Zsolt Káposztás**
Workplace	UP FHS Department of Nursing Sciences
Title: (20)	**The effect of exercise on the quality of life and survival amongst patients with gastrointestinal cancer**
Introduction:	The incidence of gastrointestinal cancer is rising worldwide. Most of the patients suffers from depression and these patients tend not to perform physical exercise, although there are a few studies to support the positive impact of exercise on survival and also it is thought to reduce the recurrence rate and improve the quality of life. The aim of this study is to analyse the impact of exercise amongst patients who had operation for GI malignancy from the recurrence

	and quality of life point of view.
Applicable data collecting methods:	Questionnaire, data collection
Necessary and applicable statistical analysis:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA)
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**Dr. Zsolt Káposztás**
Workplace	UP FHS Department of Nursing Sciences
Title: (21)	**The effect of nutritional status and its impact on patients who undergo radical resection for gastrointestinal cancer**
Introduction:	Malnutrition is prevalent in patients undergoing gastrointestinal (GI) surgery for cancer and has a negative impact on the postoperative outcomes. It is relatively simple to analyse the preoperative nutritional status of patients with basic measurements and laboratory parameters. It is recommended to improve preop nutritional status with the help of a dietitian to encourage exercise and introduce the intake of nutritional supplements as part of prehabilitation in the preoperative period. The aim of this study to assess the preop nutritional status of patients and to analyse its effect on the postoperative outcomes.
Applicable data collecting methods:	Questionnaire, data collection
Necessary and applicable statistical analysis:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA)
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**Krisztina Mondovits**
Workplace	UP FHS Department of Nursing Sciences
Title: (22)	**Examination of the risk factors of a post-infarction patient related to laboratory value**

Introduction:	Cardiovascular disease are still among the leading causes of death. By examining the laboratory parameters of patients who have suffered a heart attack, it can be verified that the majoritz of patients still do not follow the therapeutic instructions.
Applicable data collecting methods:	Application of assessment scale, data analysis, document analysis
Necessary and applicable statistical analysis:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**Miklós Sugár**
Workplace	UP FHS Department of Nursing Sciences
Title: (23)	**Managing Polypharmacy in Elderly Patients:** Strategies for nurses to optimize medication management and reduce adverse effects.
Introduction:	Polypharmacy, the simultaneous use of multiple medications, is a common and complex issue in the care of elderly patients. As the aging population grows, nurses are increasingly confronted with the challenges of managing polypharmacy to ensure patient safety and therapeutic efficacy. Elderly patients are particularly vulnerable to adverse drug reactions and interactions due to age-related physiological changes and the presence of multiple chronic conditions. This study explores effective strategies for nurses to optimize medication management in elderly patients, emphasizing the importance of comprehensive medication reviews, patient education, and interdisciplinary collaboration. By addressing the risks associated with polypharmacy, nurses can play a crucial role in improving health outcomes and enhancing the quality of life for elderly patients.
Applicable data collecting methods:	Review
Necessary and applicable statistical analysis:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**Miklós Sugár**
Workplace	UP FHS Department of Nursing Sciences
Title: (24)	**The Role of Nurses in Preventing Healthcare-Associated Infections:** Best practices and interventions to reduce infection rates in hospitals.
Introduction:	Healthcare-associated infections (HAIs) represent a significant concern in hospital settings, posing serious risks to patient safety and public health. Nurses, being at the forefront of patient care, play a crucial role in the prevention and management of these infections. Effective prevention of HAIs requires adherence to best practices and the implementation of evidence-based interventions, including hand hygiene, aseptic techniques, and environmental sanitation. This study aims to explore the vital contributions of nurses in reducing infection rates in hospitals, highlighting key strategies and interventions that can be employed to minimize the incidence of HAIs. By focusing on the role of nurses, this research underscores the importance of rigorous infection control measures and continuous education to ensure optimal patient outcomes and enhance the overall quality of care.
Applicable data collecting methods:	Review
Necessary and applicable statistical analysis:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	4
Major/specialization:	Advanced practice nurse

Supervisor:	**Miklós Sugár**
Workplace	UP FHS Department of Nursing Sciences
Title: (25)	**The role of the advanced practice nurse in different healthcare settings**
Introduction:	Advanced Practice Nurses (APNs) are pivotal in the evolving landscape of healthcare, bringing a high level of expertise and expanded responsibilities across various settings. These highly skilled professionals are equipped to provide comprehensive care that bridges the gap between nursing and medicine. Their roles extend beyond traditional nursing duties to include diagnosis, treatment, and management of patient care, often with a focus on prevention and education. This study examines the diverse functions of APNs in different healthcare environments, such as hospitals, primary care

	clinics, and community health settings, highlighting their contributions to improving patient outcomes, enhancing access to care, and fostering interdisciplinary collaboration. By exploring the unique impact of APNs across these settings, this research aims to underscore their essential role in addressing contemporary healthcare challenges and advancing the quality of care delivery.
Applicable data collecting methods:	Review
Necessary and applicable statistical analysis:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	7
Major/specialization:	Advanced practice nurse

Supervisor:	**László Szabó**
Workplace	UP FHS Department of Nursing Sciences
Title: (26)	**Stigma and prejudice against people with mental disorders from the perspective of carers and society**
Introduction:	Patients with mental disorders often suffer discrimination from society, which is also a major challenge in their care. Our research aims to assess the levels of stigma experienced by patients and attitudes of carers.
Applicable data collecting methods:	Systematic Review, or Survey, structured interview
Necessary and applicable statistical analysis:	Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	3
Major/specialization:	Advanced practice nurse

Supervisor:	**László Szabó**
Workplace	UP FHS Department of Nursing Sciences
Title: (27)	**Ethical and technological dilemmas in nursing – today and in the near future**
Introduction:	The aim of the study is to show, through a quantitative data analysis or a systematic literature review, how modern technologies are transforming the nursing profession and what new ethical issues arise (e.g. human interaction, privacy, autonomy, the role of machine

	decisions).
Applicable data collecting methods:	narrative or thematic literature review, qualitative data analysis (e.g. interview) quantitative statistical analysis
Necessary and applicable statistical analysis:	Systematic Literature Review , based on PRISMA criteria, Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Supervisor:	**László Szabó**
Workplace	UP FHS Department of Nursing Sciences
Title: (28)	**Healthy lifestyle or eating disorder? Assessing symptoms of orthorexia nervosa in young adults**
Introduction:	Today's society encourages consumption, yet we are motivated by an ideal that requires a healthy, muscular, lean physique to achieve personal happiness. This is the environment that determines the development of eating and body image disorders. Eating and body image disorders are becoming a fashionable disease, with new types emerging, frequent overlap between syndromes and even more frequent sub-clinical manifestations. The emergence of orthorexia nervosa (ON) (a compulsive eating disorder used to achieve a healthy appearance) has therefore only recently become a reality. In our study, we explore the prevalence of ON symptoms in different young adult social groups, their correlation with group demographics and factors that may influence their occurrence.
Applicable data collecting methods:	Observation, survey, interview
Necessary and applicable statistical analysis:	Descriptive (mean, standard deviation, frequency) and mathematical statistics (Chi-square test, t-test, Analysis of variance)
Number of theses:	3
Major/specialization:	Advanced practice nurse

Supervisor:	**László Szabó**
Workplace	UP FHS Department of Nursing Sciences
Title: (29)	**Examining workplace stress and coping strategies among nurses**
Introduction:	In different areas of the nursing profession, stress levels vary according to the nature of the activity, but staffing levels, job insecurity and career image can also expose workers globally. The aim of this research is to assess the stressors affecting nurses and to explore coping strategies in relation to psychological and somatic complaints caused by stress.
Applicable data collecting methods:	Survey, structured interview
Necessary and applicable statistical analysis:	Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	3
Major/specialization:	Advanced practice nurse

Supervisor:	**Lívia Tóth**
Workplace	UP FHS, Department of Nursing Sciences
Title: (30)	**Digitalization in Health Care**
Introduction:	The healthcare system is increasingly technology-dependent and proficiency in informatics skills is essential for health professionals to efficiently operate in the contemporary clinical environment. Nurses are major users of digital health technologies and graduates need to be well-prepared and confident to use the different available clinical systems competently as they transition from education to practice. Our aim to explore undergraduate nursing students' self-perceptions of informatics competence, set within a larger research project.
Applicable data collecting methods:	Questionnaire, interview
Necessary and applicable statistical analysis:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression)
Estimated number of theses that can be submitted within the theme:	2
Major/specialization:	Advanced practice nurse

Name of the supervisor:	**Lívia Tóth**
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (31)	**The role of advanced practice nurses in COPD screening and treatment**
Introduction:	Chronic obstructive pulmonary disease (COPD) is a major public health issue and represents a heterogeneous condition characterized by chronic airflow limitation. Its key symptoms are dyspnea, coughing, and sputum production. Either due to airway abnormalities (chronic bronchitis, bronchiolitis) or persistent alveolar inflammation, it often leads to progressive airflow obstruction. Early diagnosis is of paramount importance. It is important to note that advanced practice nurses in primary care are effective at early disease detection and related patient management. COPD care is complex, from symptom onset to therapy, and therefore APNs in primary care could substantially contribute to early detection and management of COPD in the Hungarian context.
Research methods to be used in the processing:	questionnaire survey
Required and applicable statistical methods:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	2
In which major can the topic be advertised:	Advanced practice nurse

Name of the supervisor:	**Lívia Tóth**
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (32)	**The role of advanced practice nurses in the screening and treatment of diabetes mellitus.**
Introduction:	Today, obesity and diabetes mellitus pose global problems, affecting both developed and developing countries. Statistical data also show that millions of people suffer from these diseases. The number of people with diabetes is rising worldwide. Since 1990, the number of people living with this metabolic disease has nearly quadrupled. In Hungary, the number of people with diabetes is also increasing rapidly. According to the Central Statistical Office, in 2019 more than 1.1 million adults lived with diabetes mellitus. The mortality rate from diabetes is also high. In 2021, 1.6 million people died worldwide directly due to diabetes. In many countries, advanced practice nurses play a prominent and important role. In many countries they work autonomously and are capable of performing activities requiring medical competence (e.g., diagnosis, prescription of medications, and autopsy examinations). The

	literature demonstrates that they play a significant role in screening, investigation, and care of chronic diseases (e.g., obesity, diabetes mellitus), as well as in reducing the development of early complications.
Research methods to be used in the processing:	questionnaire survey
Required and applicable statistical methods:	Descriptive statistics (mean, standard deviation, frequency) and mathematical statistics (chi-square test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme:	2
In which major can the topic be advertised:	Advanced practice nurse

Pécs, 2th September, 2025

Prof. Dr. József BETLEHEM
full professor, director of institute