



**THESIS TOPICLIST**

Nursing and Patient Care Nursing specialization  
2025/26. academic year

Name of the supervisor:	<b>Prof. Dr. József Betlehem</b>
Supervisor's workplace:	UP FHS
Topic title: (1)	<b>Knowledge of modern care tools among nurses</b>
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.
Research methods to be used in the processing:	Questionnaires
Required and applicable statistical methods:	Descriptive and mathematical statistics
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

Name of the supervisor:	<b>Patrik Bogdán</b>
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (2)	<b>Multidimensional examination of the attachment between mother and child</b>
Introduction:	The formation of emotional attachment between a mother and her unborn child is influenced by numerous factors. The aim of the study is to assess the factors that influence the strength and quality of attachment during pregnancy. Within the framework of a longitudinal study, the research can extend to both the prenatal, perinatal, and postpartum periods.



Research methods to be used in the processing:	questionnaire survey, interview.
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:	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Patrik Bogdán</b>
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (3)	<b>The impact of workplace stress on the mental health and workplace motivation of nurses</b>
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.
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:	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Patrik Bogdán</b>
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (4)	<b>Multidimensional examination of parental burnout syndrome</b>



Introduction:	In recent years, increasing importance has been placed on parental burnout. This phenomenon is highly significant as it impacts the relationship between parent and child, the emotional development of the child, and family dynamics. The aim of the study is to assess the prevalence of parental burnout in Hungary and to examine the factors that play a role in the development of burnout.
Research methods to be used in the processing:	questionnaire survey, interview
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:	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (5)	<b>Choosing Nursing as a career: motivational study among young people choosing a career</b>
Introduction:	The nursing profession and career are currently not among the popular career choice areas in Hungary. Thus, in Hungary, due to several factors, there is a significant human resource deficit in the field of nursing. In contrast, interest in the nursing profession is significantly higher in several other countries. The aim of the research is to assess the external-internal motivational factors that influence pre-career choices to choose nursing profession.
Research methods to be used in the processing:	Questionnaire
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



Name of the supervisor:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (6)	<b>Artificial intelligence in nursing, our recent and future possibilities</b>
Introduction:	<p>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.</p> <p>AI tools for use in nursing include clinical decision support, mobile health and sensor-based technologies, and voice assistants and robotics.</p>
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:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (7):	<b>Difficulties of pain assessment and pain relief in critical care patients from a nursing point of view</b>



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 processing:	Application of survey tools, data analysis, document 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:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (8):	<b>Medication difficulties and errors from a nursing perspective</b>
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:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (9)	<b>Investigating neurological diseases and related nursing issues</b>
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:	<b>Éva Horváth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (10):	<b>Nursing assessment of intensive therapy and patients receiving intensive therapy care.</b>
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:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (11)	<b>The Importance of Screening Examinations in the 21st Century</b>
Introduction:	<p>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.</p> <p>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.</p>
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 ( $\chi^2$ 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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (12)	<b>Examination of Attitudes and Knowledge Levels Regarding Vaccinations</b>
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 ( $\chi^2$ test, t-test, analysis of variance)
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (12)	<b>Examination of Quality of Life Among Patients with Various Conditions</b>





Introduction:	<p>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.</p> <p>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.</p>
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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (14)	<b>Fall Prevention Among the Elderly</b>
Introduction:	<p>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.</p> <p>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.</p>
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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (15)	Challenges of Transcultural Nursing in the 21st Century
Introduction:	<p>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.</p> <p>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.</p> <p>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.</p>
Research methods 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 majors can be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS



Topic title: (10)	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 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 majors can be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (16)	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 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 majors can be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (17)	<b>Examination of Career Choices, Motivations, and Further Education of Graduating Students in Health Vocational Schools</b>
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, document analysis
Estimated number of theses that can be submitted within the theme	2
In which majors can be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (18)	<b>Factors Influencing the Effectiveness of Breastfeeding</b>
Introduction:	<p>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.</p> <p>Research Methods Applicable During Processing: Self-constructed questionnaire, validated questionnaire, document analysis</p>



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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (19)	<b>Incidence of Needlestick Injuries in Everyday Practice</b>
Introduction:	<p>Annually, more than 3 million healthcare workers suffer needlestick injuries.</p> <p>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.</p>
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:	Nursing and Patient Care Nursing specialization



Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai, Miklós Lukács</b>
Supervisor's workplace:	UP FHS
Topic title: (20)	<b>The Importance of Hospice and Palliative Care in the 21st Century</b>
Introduction:	<p>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.</p> <p>Research Objective: The aim of the study is to assess:</p> <ul style="list-style-type: none"><li>- The quality of life of patients receiving palliative care</li><li>- The loss experiences of healthcare workers and relatives</li><li>- The significance of psychological, spiritual, and social aspects</li></ul>
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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Annamária Karamánné Pakai</b>
Supervisor's workplace:	UP FHS
Topic title: (21)	<b>Examination of Access to Healthcare for Foreign Students</b>
Introduction:	<p>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.</p> <p>Objective: The aim is to assess the healthcare-seeking habits, barriers, language difficulties, and satisfaction with healthcare among foreign BSc students.</p>



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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Zsolt Káposztás/Dr. Adrienn Bíró</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (22)	<b>The effect of exercise on the quality of life and survival amongst patients with gastrointestinal cancer</b>
Introduction:	<p>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.</p> <p>The aim of this study is to analyze the impact of exercise amongst patients who had operation for GI malignancy from the recurrence and quality of life point of view.</p>
Research methods to be used in the processing:	Questionnaire, data collection
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA)
Estimated number of thesis that can be submitted within the theme:	2
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Zsolt Káposztás/Dr. Adrienn Bíró</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences



Topic title: (23)	<b>The effect of nutritional status and its impact on patients who undergo radical resection for gastrointestinal cancer</b>
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.
Research methods to be used in the processing:	Questionnaire, data collection
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, t-test, ANOVA, linear regression, linear regression, multivariate logistic regression analysis)
Estimated number of thesis that can be submitted within the theme:	2
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Dr. Zsolt Káposztás/Dr. Adrienn Bíró</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (24)	<b>Quality of life analysis for patients who underwent colorectal resection for cancer</b>
Introduction:	The incidence of colorectal cancer is constantly rising. More and more patients undergo either open or laparoscopic bowel resection for cancer with the hope for cure. The aim of this study is to analyse patients from the quality-of-life point of view who underwent colorectal cancer surgery.
Research methods to be used in the processing:	Standard questionnaire





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

Name of the supervisor:	<b>Dr. Orsolya Máté</b>
Supervisor's workplace:	UP FHS, Department of Health Pedagogy and Basic Emergency Skills
Topic title: (25)	<b>Mental health and resilience of health care workers</b>
Introduction:	<p>In the last decades, attention has been increasingly directed towards mental health and mental health protection. In nursing, multi-shift working and on-call duty are essential, as patient care is a 24-hour activity. In addition to the physical nature of nursing work, there are also significant psychological problems that can be emotionally demanding: emotional support for patients, encounters with death, overwork, low prestige, pay, lack of a supportive environment, lack of clarity about competences</p> <p>Aim: to gain an understanding of the impact on the quality of life of staff in the health system of the stresses arising from job responsibilities, work environment and work organisation (multi-shift working), with particular reference to levels of depression, the impact of health on quality of life and work performance, stress levels, aggression levels, and physical activity and mental resilience levels</p>
Research methods to be used in the processing:	quantitative, prospective and comparative study
Required and applicable statistical methods:	Descriptive statistics: (Kolmogorov Smirnov test) one-sample t-test Wilcoxon or Mann-Whitney
Estimated number of theses that can be submitted within the theme:	3-5
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse



Name of the supervisor:	<b>Dr. Orsolya Máté</b>
Supervisor's workplace:	UP FHS, Department of Health Pedagogy and Basic Emergency Skills
Topic title: (26)	<b>Challenges in the health care of people with autism (ASD) and sensory integration disorder (SPD)</b>
Introduction:	Problem statement: adults with autism(ASD) and sensory integration disorder (SPD) are at increased risk of a range of physical and mental health problems compared to the general population, making access to healthcare particularly critical. People with autism often find the healthcare environment quite aversive, and many healthcare providers feel insecure interacting with patients with autism. Our aim is to gain a picture of the healthcare experiences of people with Autism Spectrum Disorder (ASD) and Sensory Integration Disorder (SPD) in healthcare settings, articulating the difficulties from the perspective of both providers and patients.
Research methods to be used in the processing:	retrospective cross-sectional study, questionnaire method, interview
Required and applicable statistical methods:	Descriptive statistics, chi-square test, t-test, correlation analysis, correlation analysis
Estimated number of theses that can be submitted within the theme:	3-5
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization, Advanced Practice Nurse

Supervisor:	<b>Krisztina Mondovits</b>
Workplace	UP FHS Department of Nursing Sciences
Title: (27)	<b>Examination of the risk factors of a post-infarction patient related to laboratory value</b>
Introduction:	Cardiovascular diseases 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 major of patients still does 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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (28)	<b>Assessment of eating disorders and susceptibility to them among the elderly population</b>
Introduction:	In today's consumer society, eating disorders are becoming more and more prevalent, and new ones have been emerging in recent decades. It is therefore clear that the problem is of growing and increasing public health importance. The aim of this study is to assess the various eating disorders or the predisposition to them among the elderly, taking into account their socio-demographic background and somatometric characteristics. The study provides an opportunity to investigate the problem in comparison to the younger generations as well.
Research methods to be used in the processing:	Questionnaire
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:	3
In which major can the topic be advertised:	Nursing and Patient Care nursing specialization

Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (29)	<b>Associations of social media use with mental health</b>
Introduction:	The role of social media has been growing over the past decades and in younger age groups it is hard to find a person who does not have an



	account on some social media platform. In recent years, there have been several research findings on the negative effects of this phenomenon on mental health, but the field is not yet exhausted and many aspects remain to be explored.
Research methods to be used in the processing:	Questionnaire
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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (30)	<b>The advantages and disadvantages of telemedicine, and the reception of telemedicine in different communities</b>
Introduction:	The take-up of telemedicine has continued at a greater pace and scale than expected, especially in community care, as a result of the closures imposed in the wake of COVID-19. The predominance of telemedicine in many practices continued in the post-epidemic period. This research aims to explore the impact of this on patient satisfaction.
Research methods to be used in the processing:	Questionnaire
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:	Nursing and Patient Care Nursing specialization



Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (31)	<b>Assessing the symptoms and impact of chronic anxiety - the role of the nurse in recognition and management</b>
Introduction:	Chronic anxiety is an increasingly common phenomenon in our society. It has a significant impact on quality of life and can be associated with a number of psychosomatic symptoms. The present research aims to explore this in different populations and to explore the role of nurses in the recognition and management of this problem.
Research methods to be used in the processing:	Questionnaire
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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (32)	<b>Factors Influencing Nurse Job Satisfaction: Identifying key elements that contribute to job satisfaction among nurses.</b>
Introduction:	Nurse job satisfaction is a critical component in ensuring the efficiency, effectiveness, and overall well-being of healthcare systems. Satisfied nurses are more likely to provide high-quality patient care, exhibit higher levels of engagement, and remain in their positions longer, thereby reducing turnover rates and associated costs. Conversely, dissatisfaction can lead to burnout, decreased quality of care, and higher attrition rates, which ultimately affect patient outcomes and healthcare delivery. This study aims to identify and analyze the key elements that contribute to job satisfaction among nurses.
Research methods to be used in the processing:	Questionnaire



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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	<b>Miklós Sugár</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (33)	<b>Barriers to Implementing Evidence-Based Practices in Nursing: Identifying obstacles that prevent the adoption of evidence-based interventions.</b>
Introduction:	Evidence-based practice (EBP) is the cornerstone of modern nursing, integrating clinical expertise with the best available research and patient preferences to achieve optimal health outcomes. Despite its proven benefits, the adoption of evidence-based interventions in nursing is often hindered by various barriers. These obstacles can range from individual resistance to change, to systemic issues within healthcare organizations. Understanding and addressing these barriers is crucial for enhancing the quality of care, improving patient outcomes, and ensuring the continual advancement of nursing practice. This study aims to identify and analyze the specific obstacles that prevent the widespread implementation of EBP in nursing
Research methods to be used in the processing:	Questionnaire
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:	Nursing and Patient Care Nursing specialization



Name of the supervisor:	<b>László Szabó</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (34)	<b>Examining workplace stress and coping strategies among nurses</b>
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.
Research methods used in the processing	Survey, structured interview
Required and applicable statistical methods:	Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	3
In which majors can be advertised:	Nursing and Patient Care nursing specialization

Name of the supervisor:	<b>László Szabó</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (35)	<b>Stigma and prejudice against people with mental disorders from the perspective of carers and society</b>
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.
Research methods used in the processing:	Survey, structured interview
Required and applicable statistical methods:	Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	3



In which majors can be advertised:	Nursing and Patient Care nursing specialization
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Name of the supervisor:	<b>László Szabó</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (36)	<b>Ethical and technological dilemmas in nursing – today and in the near future</b>
Introduction:	The aim of the study is to show, through a quantitative data analysis, 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).
Research methods used in the processing:	Survey, structured interview
Required and applicable statistical methods:	Univariate analyses, One-, two-sample T-test, Chi-square test, Correlation analysis
Estimated number of theses that can be submitted within the theme:	2
In which majors can be advertised:	Nursing and Patient Care nursing specialization

Name of the supervisor:	<b>Lívía Tóth</b>
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (37)	<b>Digitalization in Health Care</b>
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.





Research methods 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 majors can be advertised:	Nursing and Patient Care nursing specialization

Name of the supervisor:	<b>Lívia Tóth</b>
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (38)	<b>The role of advanced practice nurses in COPD screening and treatment</b>
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:	Nursing and Patient Care nursing specialization



Name of the supervisor:	<b>Livia Tóth</b>
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (39)	<b>The role of advanced practice nurses in the screening and treatment of diabetes mellitus.</b>
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:	Nursing and Patient Care nursing specialization

Pécs, 2<sup>th</sup> September, 2025

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