

**THESIS TOPICLIST**Nursing and Patient Care Nursing specialization
2024/25. academic year

Name of the supervisor:	Prof. Dr. József Betlehem
Supervisor's workplace:	UP FHS, Department of Health Pedagogy and Basic Emergency Care
Topic 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.
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:	Patrik Bogdán
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (2)	Multidimensional examination of the attachment between mother and child
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:	Patrik Bogdán
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (3)	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.
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:	Patrik Bogdán
Supervisor's workplace:	University of Pécs, Faculty of Health Sciences, Department of Nursing Science
Topic title: (4)	Multidimensional examination of parental burnout syndrome
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:	Éva Horváth
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (5)	Choosing Nursing as a career: motivational study among young people choosing a career
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 p	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:	Éva Horváth
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (6)	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



	<p>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:	Éva Horváth
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title (7):	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 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:	Éva Horváth
Supervisor's workplace:	UP FHS, Department of Nursing Sciences



Topic title (8):	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:	Dr. Annamária Karamonné Pakai
Supervisor's workplace:	UP FHS
Topic title: (9)	The Importance of Screening Examinations in the 21st Century
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 (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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (10)	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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (11)	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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Dr. Annamária Karamonné Pakai
Supervisor's workplace:	UP FHS
Topic title: (12)	Fall Prevention Among the Elderly
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:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (13)	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, 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:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (14)	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:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (15)	Incidence of Needlestick Injuries in Everyday Practice
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:	Dr. Annamária Karamánné Pakai, Miklós Lukács
Supervisor's workplace:	UP FHS
Topic title: (16)	The Importance of Hospice and Palliative Care in the 21st Century



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> <p>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</p>
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:	Dr. Annamária Karamánné Pakai
Supervisor's workplace:	UP FHS
Topic title: (17)	Examination of Access to Healthcare for Foreign Students
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
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Name of the supervisor:	Dr. Zsolt Káposztás/Dr. Adrienn Bíró
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (18)	The effect of exercise on the quality of life and survival amongst patients with gastrointestinal cancer
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:	Dr. Zsolt Káposztás/Dr. Adrienn Bíró
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (19)	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.
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:	Dr. Zsolt Káposztás/Dr. Adrienn Bíró
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (20)	Quality of life analysis for patients who underwent colorectal resection for cancer
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:	Dr. Orsolya Máté
Supervisor's workplace:	UP FHS, Department of Health Pedagogy and Basic Emergency Skills
Topic title: (21)	Mental health and resilience of health care workers
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:	Dr. Orsolya Máté
Supervisor's workplace:	UP FHS, Department of Health Pedagogy and Basic Emergency Skills
Topic title: (22)	Challenges in the health care of people with autism (ASD) and sensory integration disorder (SPD)



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 analysi
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:	Krisztina Mondovits
Workplace	UP FHS Department of Nursing Sciences
Title: (15)	Examination of the risk factors of a post-infarction patient related to laboratory value
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:	Dr. Dorina Simon-Pusztai
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (23)	Health Behaviour and mental health
Introduction:	Sleep, which is directly associated to health and quality of life, is a basic need for a human being to continue his or her bio-psycho-social and cultural functions. Sleep affects the quality of life and health is also perceived as an important variable. Sleep quality has significant effects on cognitive performance and physical power and is influenced by multiple factors including stress. Contrary to the ideal, students suffer from sleep deprivation and stress at times when they should achieve the greatest amount of learning. However, poor sleep quality may have negative impact test performance as well thus creating a vicious circle. The aim of the research is to analyse the sleep quality and habit of university students or lecturers in Hungary.
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:	3
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Dr. Dorina Simon-Pusztai
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (24)	Knowledge on sexually transmitted diseases
Introduction:	Sexually transmitted diseases are among the most frequent infectious diseases in the world and have negative effects on sexual health/reproduction. To prevent these diseases, the period of youth when sexual activity and health routines begin to take shape is important in terms of determining the lack of knowledge relevant to this the issue and compensating it. Aim of the study to determining the knowledge level of university students about sexually transmitted diseases.
Research methods to be used in the	Questionnaire



processing:	
Required and applicable statistical methods:	Descriptive statistics, mathematical statistics (chi-square test, ANOVA)
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (25)	Assessment of eating disorders and susceptibility to them among the elderly population
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (26)	Associations of social media use with mental health
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (27)	The advantages and disadvantages of telemedicine, and the reception of telemedicine in different communities
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (28)	Mental health of nurses in different countries and healthcare systems



Introduction:	Nurses, as helping professionals, have a higher exposure to mental health risk factors compared to the general population. The aim of this research is to assess the mental health of nurses in different wards and in different countries and to compare these results with the general population.
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:	5
In which major can the topic be advertised:	Nursing and Patient Care Nursing specialization

Name of the supervisor:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (29)	Assessing the symptoms and impact of chronic anxiety - the role of the nurse in recognition and management
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences



Topic title: (30)	Factors Influencing Nurse Job Satisfaction: Identifying key elements that contribute to job satisfaction among nurses.
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:	Miklós Sugár
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (31)	Barriers to Implementing Evidence-Based Practices in Nursing: Identifying obstacles that prevent the adoption of evidence-based interventions.
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	Questionnaire



processing:	
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:	László Szabó
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (32)	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.
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:	László Szabó
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (33)	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.
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:	László Szabó
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (34)	Ethical and technological dilemmas in patient education today and in the near future - based on a survey of patients' prior knowledge
Introduction:	The research investigates the extent to which the younger generation - current and near future patients - change their level of prior knowledge compared to older patients during client education. How the amount of lay and professional information available at home affects the knowledge level of clients and how can this be used by the nurse in patient education.
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:	Lívia Tóth
Supervisor's workplace:	UP FHS, Department of Nursing Sciences
Topic title: (35)	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.
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

Pécs, 12th August, 2024

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