

Name of university, Name of faculty: Trnava University

Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: OsBc17

Name: Nursing techniques

Cover: Department of Nursing

Type of educational activity: Practise

Scope of educational activity (in hours):

Weekly: 8

For term of study: ZS 184

Number of credits: 8

Recommended semester: WT

Study grade: 1. PO

Method of educational activity:

Recommended semester	Study programme
1.year WT	Nursing (D1-OŠET-22) Nursing (D1-OŠET-22-K) Nursing (E1-OŠE-25)

Underlie subjects:

Conditions for passing the course:

Method of evaluation: Completion by taking an examination

Continuous evaluation: none

Final evaluation: The oral exam consists of demonstrating theoretical knowledge and practical skills focused on individual nursing procedures and techniques.

The student will draw two from the categories see "Brief course outline", where one will contain questions of a theoretical nature and the other practical performance.

The final assessment will be a comprehensive assessment of the student's theoretical knowledge and practical skills.

Overall assessment: A: 100-95%, B: 94-89%, C: 88-83%, D: 82-77%, E: 76-71%, Fx: 70% and less.

A (100 - 95%) – the student has demonstrated excellent professional knowledge, practical skills and competences

B (94 - 89%) – the student has demonstrated very good professional knowledge, practical skills and competences

C (88 - 83%) – the student has demonstrated good professional knowledge, practical skills and competences

D (82 - 77%) – the student has demonstrated satisfactory professional knowledge, practical skills and competences

E (76 - 71%) – the student has demonstrated sufficient professional knowledge, practical skills and competences

Fx (70% and less – the student has demonstrated insufficient professional knowledge, practical skills and competences.

Finished: oral - practical exam

Learning outcomes:

LO1 The student independently ensures the hygienic-epidemiological regime and the prevention of nosocomial infections. Demonstrates competence in the preparation and disinfection of devices, bed preparation, coordination of the entrance hygienic filter, in obtaining anamnestic data, performing a physical examination and in cooperation in monitoring epidemiologically significant strains and resistance mechanisms. The student applies the principles of environmentally sustainable nursing practice when providing nursing care.

LO2 The student provides comprehensive nursing care for wounds and skin. Applies dressing material, performs wound assessment, plans and implements interventions, monitors healing, documents procedures and communicates with an interdisciplinary team in the management of chronic and acute wounds.

LO3 The student performs administrative, organizational activities in accordance with legal and ethical standards and uses digital technologies, health information systems and AI tools safely, effectively and critically when providing nursing care. Ensures admission, transfer and discharge of the patient, maintains medical documentation, participates in visits, provides hygiene care and performs the first treatment of a physiological newborn, including assessing his health status and ensuring immediate care after birth.

LO4 The student implements nursing interventions aimed at nutrition, mobility, elimination and prevention of complications. Serves food, recommends basic diets, supports early attachment of the newborn to the breast, performs positioning, prevention and treatment of pressure ulcers, monitors defecation, inserts and removes a rectal catheter and evaluates the effectiveness of interventions.

LO5 The student monitors the health status and safely applies treatment.

Measures and records vital signs, prepares and assesses ECG recordings, prepares and administers medications, applies injections, performs skin tests, administers treatment for pain, fever, diarrhea and constipation, evaluates its effectiveness and informs the doctor when pathological values are detected.

LO6 The student performs invasive and technically demanding procedures within the scope of the nurse's competencies.

Provides infusion and transfusion therapy, collection and sending of biological material, performs puncture procedures according to competencies, assists in endoscopic examinations and performs basic surgical techniques including suturing of small wounds and removal of stitches.

Schedule of subject:

1) Care of devices, bed and prevention of nosocomial infections. Coordination of the entry hygiene filter and provision of anamnestic data and physical examinations of a person suspected of having an infectious disease. Cooperation with other healthcare professionals in monitoring epidemiologically significant strains of hospital infections and mechanisms of their resistance. Development of competencies in the field of environmentally sustainable nursing practice with a focus on the rational use of medical supplies, medicines, protective work equipment, water, energy and disinfectants, waste minimization, safe management of biological, infectious, sharp and pharmaceutical waste and assessment of the environmental impact of healthcare provision.

2) Dressing material and nursing wound care.

3) Documentation. Knowledge of technical innovations related to healthcare and nursing care methods. . Development of digital skills necessary for work in modern healthcare with a focus on electronic health records, hospital information systems, digital nursing care records, digital outputs of monitoring and diagnostic devices, basic analysis and visualization of health data, telemedicine, remote patient monitoring, data protection,

cybersecurity and critical use of digital and AI tools in nursing practice. Admission, transfer, discharge of a patient. Decision on placing a person, including a newborn, on a bed according to hygiene and epidemiological principles. Visit. Cooperation with other healthcare professionals in fulfilling strategic and operational goals in the nursing department. Hygienic care. First treatment of a physiological newborn in the delivery room, in a newborn box or observation box, assess his health status and ensure care for him immediately after birth.

4) Feeding. Recommend basic diets within the scope of the dietary system when admitting a person to hospitalization. Ensure timely attachment of the newborn to the mother's breast.

5) Physical mobility and immobility. Treatment of pressure ulcers.

6) Monitoring and assessment of urine and stool emptying. Insertion and removal of a rectal catheter for drainage of liquid stool.

7) Measurement and recording of vital signs. Preparation of an ECG record. Monitoring and assessment of the ECG record in the range of - quality, heart rate and heart rhythm, if the nurse identifies pathological values or changes, informs the doctor.

8) Preparation and administration of drugs. Application of injections. Performing basic skin tests for allergies and preparing their results for the doctor to evaluate. Indicate and administer treatment for pain relief and body temperature reduction, except for opioid analgesics, diarrhea, constipation and evaluates its effectiveness in the dosage range and pharmacological composition based on the doctor's recommendation recorded in the person's medical documentation.

9) Infusion and transfusion therapy.

10) Methodology and technique of collecting and sending biological material for examination.

11) Puncture procedures and endoscopic examination methods.

12) Basic procedures and nursing techniques in surgery. Indication and execution of suturing of a small surgical wound and removal of stitches from a primary healing wound.

Recommended reading:

- BOROŇOVÁ, J. a kolektív. Vybrané témy z ošetrovateľskej problematiky: I. časť 1. vydanie. Trnava: Typi Universitas Tyrnaviensis, 2018. 319 s. ISBN 978-80-568-0170-3.
- BOROŇOVÁ, J. a kolektív. Vybrané témy z ošetrovateľskej problematiky - II. časť. 1. vydanie. Trnava. Typi Universitas Tyrnaviensis, 2021. 256 s. ISBN 978-80-568-0246-5.
- TIRPÁKOVÁ, I.; SOVÁRIOVÁ SOÓSOVÁ, M a kol.: Ošetrovateľské techniky. UPJŠ Košice. 2016. ISBN 978-80-8152-441-7. Dostupné online: <https://unibook.upjs.sk/img/cms/2016/lf/osetrovateľske-techniky-final.pdf>
- MIERTOVÁ, M., ŽIAKOVÁ, K., OVŠONKOVÁ, A. a kol. Multimediálna vysokoškolská učebnica techník a zručností. [online]. Univerzita Komenského Bratislava, Jesseniova lekárska fakulta v Martine, Ústav ošetrovateľstva, 2015. 672 s. ISBN 978-80-89544-88-2. Dostupné na: <https://e-knihy.jfmed.uniba.sk/knihy/ostech/html5/index.html?alocale=SKY>
- VYTEJČKOVÁ, R., SEDLÁŘOVÁ, P., WIRTHOVÁ, V., OTRADOVCOVÁ, I., KUBÁTOVÁ, L. Ošetrovateľské postupy v péči o nemocné I - III. Praha: Grada Publishing, 2015 – 2020. ISBN 978-80-271-2079-6 (pre diel III, vydaný v r. 2020).

Language requirements: Slovak

Notes:

100% attendance is mandatory. In case of absences of more than 20%, the teacher may decide not to admit the student to the final assessment.

Course evaluation:

Assessed students in total: 327

A	B	C	D	E	FX
33%	16%	16%	8%	12%	16%

Lecturers:

Mgr. Eva Tomíková, PhD., MPH, examiner, instructor
 Mgr. Daniela Schildová, PhD., examiner, instructor
 Mgr. Gabriela Doktorová, PhD., examiner, instructor
 Mgr. Andrea Štofilová, examiner, instructor
 PhDr. Alena Dziacka, PhD., examiner, instructor
 PhDr. Jana Čapská, PhD., MPH, examiner, instructor
 Mgr. Marianna Hlavinková, examiner, instructor
 Mgr. Monika Střádalová, PhD., examiner, instructor
 Mgr. Mária Hanicová, examiner, instructor

Date of last change: 01.09.2026

Approved by: doc. PhDr. Andrea Botíková, PhD., MPH, univ. prof.