

## Information sheet for the course Nursing in Oncology

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>	
<b>Faculty:</b> <i>Faculty of Health Care</i>	
<b>Course unit code:</b> <i>OseOnko/d</i>	<b>Course unit title:</b> <i>Nursing in Oncology</i>
<b>Type of course unit:</b> <i>compulsory</i>	
<b>Planned types, learning activities and teaching methods:</b> <i>Lecture: 1 hours weekly/13 hours per semester of study; full-time</i> <i>Seminar: 2 hours weekly/26 hours per semester of study; full-time</i> <i>Supervised practical output: 2 hours weekly/26 hours per semester of study; full-time</i>	
<b>Number of credits:</b> <i>2</i>	
<b>Recommended semester:</b> <i>6<sup>th</sup> semester in the 3<sup>rd</sup> year (full-time)</i>	
<b>Degree of study:</b> <i>I (bachelor)</i>	
<b>Course prerequisites:</b> <i>none</i>	
<b>Assessment methods:</b> <i>The student will acquire 100 points per semester</i> <ul style="list-style-type: none"> <li>- <i>The preparation and presentation of a seminar paper – (maximum 30 points, minimum 16 points): A – 30 to 28 points, B – 27 to 25 points, C – 24 to 22 points, D – 21 to 19 points, E – 18 to 16 points.</i></li> <li>- <i>Final test (70 points): A – 70 to 65 points, B – 64 to 60 points, C – 59 to 55 points, D – 54 to 48 points, E – 49 to 44 points.</i></li> <li>- <i>Participation in classes and having an assessment of the seminar paper (A – E) are prerequisites for being allowed to take part in the final test.</i></li> </ul> <i>Assessment:</i> <i>100 – 94 points: A</i> <i>93 – 88 points: B</i> <i>87 – 82 points: C</i> <i>81 – 76 points: D</i> <i>75 – 70 points: E</i> <i>69 – 0 points: FX</i>	
<b>Learning outcomes of the course unit:</b> <i>The student completing the course in oncology nursing acquires knowledge about the nature of cancer, prevention, diagnosis and treatment of the basic types of cancer. After completion of the subject, the student is able to implement the nursing process in the oncology department, to assess patient, to determine nursing diagnosis, to plan and carry out troubleshooting of a cancer patient. After an implementation of interventions, the student can evaluate the result of the application of specific interventions.</i>	
<b>Course contents:</b> <b>Lectures:</b> <ol style="list-style-type: none"> <li><i>1. Characteristics of cancer. Pathology of tumors.</i></li> <li><i>2. Diagnosis of cancer.</i></li> <li><i>3. General principles of cancer treatment.</i></li> <li><i>4. Radiation treatment. Types of radiation, effects of radiotherapy. Hormone therapy of tumors.</i></li> <li><i>5. The anti-tumor therapy. Groups of drugs, principles of treatment. Adverse effects of anti-tumor therapy.</i></li> <li><i>6. Brain Tumors.</i></li> <li><i>7. Tumors of the respiratory system.</i></li> <li><i>8. Tumors of the digestive system.</i></li> </ol>	

9. Tumors of the liver, biliary tract and pancreas.
10. Tumors of the urinary system.
11. Tumors of the male and female reproductive organs.
12. Tumors of the skin. Bone tumors.
13. Tumors of the hematopoiesis.

**Seminars:**

1. Characteristics of Oncology Nursing. The role of nurses in the care of cancer patients.
2. The role of nurses in the prevention and treatment of cancer.
3. Assessment of the cancer patient. Nursing diagnoses for cancer patient.
4. Nursing care for patients receiving radiotherapy. Addressing the side effects of radiotherapy.
5. Nursing care for patients receiving chemotherapy. Addressing the side effects of chemotherapy.
6. Nursing care for patients with a brain tumor.
7. Nursing care for patients with tumors of the respiratory system.
8. Nursing care for patients with tumors of the digestive system.
9. Nursing care for patients with tumors of the liver, biliary tract and pancreas.
10. Nursing care for patients with tumors of the urinary system.
11. Nursing care for patients with tumors of the male and female reproductive organs.
12. Nursing care for patients with tumors of the skin. Nursing care for patients with bone tumors.
13. Nursing care for patients with cancer hematopoiesis.

**Recommended of required reading:**

1. ADAM, Z. - KREJČÍ, M. - VORLÍČEK, J. et al. 2011. *Obecná onkologie*. Praha: Galén, 2011. 394 p. ISBN 978-80-7262-715-8.
2. ADAM, Z. - KREJČÍ, M. - VORLÍČEK, J. et al. 2010. *Speciální onkologie*. Praha: Galén, 2010. 417 p. ISBN 978-80-7262-648-9.
3. BERČ, A. - PALKOVÁ, L. et al. 2008. *Onkologické ošetrovatel'stvo I*. Košice: ZZ design studio, 2008. 182 p. ISBN 978-80-969605-3-8.
4. PALKOVÁ, L. - BERČ, A. et al. 2010. *Onkologické ošetrovatel'stvo II*. Košice: ZZ design studio, 2010. 164 p. ISBN 978-80-969605-5-2.
5. SCHMIDTOVÁ, Z. et al. 2008. *Vybrané odbory ošetrovatel'stva*. Martin: Osveta, 2008. 149 p. ISBN 978-80-8063-295-3.
6. VORLÍČEK, J. - ABRHÁMOVÁ, J. - VORLÍČKOVÁ, H. et al. 2012. *Klinická onkologie pro sestry*. Praha: Grada Publishing, a.s., 2012. 328 p. ISBN 80-247-1716-6.

**Language:** Slovak

**Remarks:**

**Evaluation history:** Number of evaluated students 382

A	B	C	D	E	FX
43	36	11	4	5	1

**Lecturers:**

Lecture: doc. MUDr. Jana Slobodníková, CSc.

Seminar: PhDr. Mariana Mišinová, PhD.

**Last modification:** 22.4.2014

**Supervisor:** doc. PhDr. Dagmar Mastiliaková, PhD.