

**AZERBAIJAN MEDICAL  
UNIVERSITY**

**SYLLABUS OF SUBJECT  
OF ONCOLOGY**

for students

I-II treatment and prevention faculties

**CONFIRMED BY**

Head of Oncology Department,  
academician A.T. Amiraslanov

Signature \_\_\_\_\_

13.09.2019

<b>FƏNNİN KODU:</b>	070101
<b>FƏNNİN ADI:</b>	Chemotherapy of malignant tumors
<b>CODE OF THE SUBJECT:</b>	070101
<b>NAME OF SUBJECT:</b>	
<b>FORM OF TEACHING THE SUBJECT:</b>	visual
<b>TYPE OF SUBJECT:</b>	compulsory consistent subject of the specialty
<b>TRAINING LOAD (HOURS) TOTAL:</b>	120
<b>SUBJECT TEACHING YEAR:</b>	2019-2020
<b>SEMESTRY OF TEACHING</b>	XI or XII
<b>NUMBER OF CREDITS (1 credit every 30 hours)</b>	2 credits
<b>LANGUAGE OS SUBJECT:</b>	Azerbaijan, russian, english
<b>TUITORS:</b>	acad. A.T. Amiraslanov prof. A.Y. Gaziyeu prof. A.A. Amiraslanov prof. R.B. Bayramov prof. N.M. Amiraliyev ass. prof. N.V. Qasimov ass. prof. Y.A. Nuriyev ass.prof. N.İ. Mehdiyeva ass.prof. T.S. Guliyev ass.prof. E.E. İbrahimov ass.prof. R.Sh. Gurbanova ass. prof. K.R. Zeynalova ass. prof. E.R. Huseynov ass. S.S. Mammadova ass. İ.U. Jafarova ass. H.G. Valiyeva ass. R.T. Abdullayeva ass. S.S. Mammadova

ass. Sh.H. Baghirova

ass. S.V. Abdiyeva

**PHONE NUMBERS OF DEPARTMENT:** (012) 541-59-77; 78

**E-MAIL OF DEPARTMENT:** [department\\_oncology@amu.edu.az](mailto:department_oncology@amu.edu.az)

**REQUIRED TEXTBOOKS AND TUTORIALS:**

**Main:**

1. Ə.T. Əmiralanov, A.Y. Qaziyev. Onkologiya (2010). Dərslik.
2. R.B. Bayarmov. Onkologiya (2016). Dərslik.
3. Ə.T.Əmiraslanov, A.Y.Qaziyev, N.İ.Mehdiyeva. Süd vəzisi xərcəngi. (2013). Dərs vəsaiti.
4. Ə.T.Əmiraslanov, Z.Ə. Səfərov, A.Y.Qaziyev, T.S.Quliyeva, Y.M.Hətəmov. Ağciyər xərcəngi. Azərbaycan Tibb Universitetinin tələbələri üçün dərs vəsaiti (2016). Dərs vəsaiti.
5. Azərbaycanda palliativ tərdimin təşkilinə dair metodik vəsait (2011).

**Additional:**

1. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний (2018). Dərslik 2-ci nəşr.
2. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник
3. Клинические рекомендации общероссийской организации «Российские общество онкомаммологов» по диагностике и лечению рака молочной железы. Под редакцией В.Ф. Семиглазова, Р.М. Палтуева, Москва, 2018
4. T. Kuehr & J. Thaler, E.Woell. Chemotherapy protocols 2016. Dərslik.
5. Biglia N., Peccatori F.A. (Eds.) Breast Cancer, Fertility Preservation and Reproduction
6. (2015).
7. ESMO pocket guidelines. Breast cancer 2017. Dərs vəsaiti.
8. What is breast cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.
9. What is colorectal cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.
10. What is ovarian cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.
11. What is cervical cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.

**The description and purpose of the subject:**

*Brief description of the course:* Up-to-date problems of oncology: factors and precancerous diseases leading to malignant tumor development, prophylaxis of cancer, skrining. The types of oncologic institutions, their function, oncologic service, oncological deontology. Implementation of medical, physical, social and psychological rehabilitation in oncology.

Learning the main aspects of oncological diseases: epidemiology of malignant tumors, cancerogenesis, biological properties, morphology, progressing, nomenclature and classification of tumors, diagnostics and treatment.

Learning chemotherapy the most prevalent malignant tumors – the novel chemotherapy and its effectiveness, complications conducted in various carcinomas, mainly for carcinomas with highest incidence rate; for lung carcinoma, breast carcinoma, gastric and colorectal carcinoma, endometrial and ovarian carcinoma.

*Purpose of the course:* Giving comprehensive knowledge to the students on novel chemotherapy, its effectiveness and complications; to prevent and manage the complications as well.

### **I. Calendar of the subject:**

<b>Weeks*</b>	<b>Topics and their short review</b>	<b>Lecture</b>	<b>Seminar</b>	<b>Hours</b>	<b>Date*</b>
	<p>Topic № 1 Complications following chemotherapy and their management</p> <p>Short review: History of chemotherapy. Pharmacological properties of chemotherapeutic agents. Assessment of chemotherapy effectiveness. Adjuvant, neoadjuvant and independent chemotherapy. Target therapy. Complications of chemotherapy and their management. Pathomorphosis after chemotherapy.</p> <p>Literature (name of books, authors): 1. Э.Т.Эмирасланов, А.Ү.Қазыев. Онкология. 2. R.B.Вагармов. Онкология. 3. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний. 4. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник 5. Руководство по онкологии. Том I, II, III. Минск 2016.</p>		<b>6</b>	<b>6</b>	
<b>Weeks*</b>	<b>Topics and their short review</b>	<b>Lecture</b>	<b>Seminar</b>	<b>Hours</b>	<b>Date*</b>
	<p>Topic №2 Chemotherapy for breast carcinoma. Hormonal, antihormonal and target therapy</p> <p>Short review:: TNM classification of breast carcinoma. Biological types of breast carcinoma. Adjuvant and neoadjuvant therapy for breast carcinoma. Hormonal,</p>		<b>6</b>	<b>6</b>	

	<p>antihormonal and target therapy. Management of locally advanced and metastatic breast carcinoma. Chemotherapy regimens for breast carcinoma..</p> <p>Literature (name of books, authors):</p> <ol style="list-style-type: none"> <li>1. Ə.T. Əmiraslanov, A.Y. Qaziyev. Onkologiya.</li> <li>2. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний.</li> <li>3. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник</li> <li>4. Руководство по онкологии. Том I, II, III. Минск 2016.</li> <li>5. Клинические рекомендации общероссийской организации «Российское общество онкомаммологов» по диагностике и лечению рака молочной железы. Под редакцией В.Ф. Семиглазова, Р.М. Палтуяева, Москва, 2018</li> <li>6. Biglia N., Peccatori F.A. (Eds.) Breast Cancer, Fertility Preservation and Reproduction (2015).</li> <li>7. ESMO pocket guidelines. Breast cancer 2017. Dərs vəsaiti.</li> <li>8. What is breast cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.</li> </ol>				
	<p>Topics № 3</p> <p>Chemotherapy for gastric and colorectal carcinomas</p> <p>Short review:TNM classification of gastric carcinoma. Effect of neoadjuvant chemotherapy in multidisciplinary treatment strategy for gastric carcinoma. Adjuvant chemotherapy for gastric carcinoma. Target Therapy. Neoadjuvant chemotherapy regimens in locally advanced gastric carcinomas</p> <p>Chemotherapy for colorectal carcinoma. TNM classification for colorectal carcinoma. Neoadjuvant and adjuvant chemotherapy for colorectal carcinoma.The novel widely used chemotherapy regimens for colorectal carcinoma.</p> <p>Literature (name of books, authors):</p> <ol style="list-style-type: none"> <li>1. Ə.T. Əmiraslanov, A.Y. Qaziyev. Onkologiya.</li> </ol>		<p>3</p> <p>3</p>	<p>6</p>	

	<p>2. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний.</p> <p>3. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник</p> <p>4. Руководство по онкологии. Том I, II, III. Минск 2016.</p> <p>5. What is colorectal cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.</p>				
	<p>Topics № 4 Chemotherapy for endometrial and ovarian carcinomas</p> <p>Short review: TNM classification of endometrial carcinoma. Effect of neoadjuvant chemotherapy in multidisciplinary treatment strategy for endometrial carcinoma. Adjuvant chemotherapy for endometrial carcinoma. Hormonal and antihormonal therapy for endometrial carcinoma. Target Therapy. Neoadjuvant chemotherapy regimens in locally advanced and metastatic endometrial carcinomaş</p> <p>Chemotherapy for ovarian carcinoma. TNM classification for ovarian carcinoma. Neoadjuvant and adjuvant chemotherapy for colorectal carcinoma. Hormonal and antihormonal therapy. The novel widely used chemotherapy regimens for avarian carcinoma.</p> <p>Literature (name of books, authors):</p> <p>1. Ә.Т. Әmiraslanov, А.Ү. Qaziyev. Onkologiya.</p> <p>2. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний.</p> <p>3. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник</p> <p>4. Руководство по онкологии. Том I, II, III. Минск 2016.</p> <p>5. What is ovarian cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.</p> <p>6. What is cervical cancer? Let us explain it to you. ESMO/ACF patient guideseries based on the ESMO clinical practice guidelines.</p>		3	6	

	<p>Topics № 5 Chemotherapy for lung carcinoma. Palliative aid in oncologic patients</p> <p>Short review: TNM classification of lung carcinoma. Effect of neoadjuvant chemotherapy in multidisciplinary treatment strategy for lung carcinoma. Neoadjuvant chemotherapy regimens in locally advanced lung carcinoma. Adjuvant chemotherapy for lung carcinoma. Target Therapy. Chemotherapy regimens for small cell lung carcinoma.</p> <p>The principles of palliative aid in oncologic patients. Organisation of palliative aid in oncologic patients. Palliative aid at home. Symptomatic treatment in oncologic patients.</p> <p>Literature (name of books, authors): 1. Ə.T. Əmiraslanov, A.Y. Qaziyev. Onkologiya. 2. R.B. Bayarmov. Onkologiya. 3. Под редакцией Н.И. Переводчиковой, В.А. Горбуновой. Руководство по химиотерапии опухолевых заболеваний. 4. Давыдов М.И., Ганцев Ш.Х. Онкология (2020). Учебник 5. Руководство по онкологии. Том I, II, III. Минск 2016. 6. Azərbaycanca palliativ təşkilinə dair metodik vəsait.</p>		<p>4</p> <p>2</p>	6	
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**II. Type of the exams – by computer.**

**III. Assessment during semester and və division of score:**

Maximal score – 100 points.

**A) *Maximal score during semester – 50 point.***

For attendance	10 points
For self-study (referate, presentation, tearch etc) görə Note: Copying is not accepted! Short review of tasks related to self-study, conditions of presentation, date and assessment methods are showed precisely*	10 points
For practical study.	30 points

\*Students can present 5 self-study works assessed by 2 points or 2 presentations assessed by 5 points.

**B) *Maximal score according to the results of examination –50 points***

Test examination contains 50 questions, for every question is given 1 point, misanswers affect the result of the examination.

Note: Maximal points acquired for examination must not be less than 17 points.

**C) *Final assesment(examination scor plus acquired score during semester):***

*D)*

<b>91 – 100 points</b>	<b>excellent</b>	<b>A</b>
<b>81 – 90 points</b>	<b>very good</b>	<b>B</b>
<b>71 – 80 points</b>	<b>good</b>	<b>C</b>
<b>61 – 70 points</b>	<b>moderate</b>	<b>D</b>
<b>51 – 60 points</b>	<b>fair</b>	<b>E</b>
<b>less than 50 points</b>	<b>unfair</b>	<b>F</b>

**Prepared:**

**Professor R.B.Bayramov**