



## INTERNATIONAL SCHOOL OF MEDICINE

### SYLLABUS

<b>Program:</b>	<b>General medicine</b>
<b>Qualification of the graduate:</b>	<b>General practitioner / Medical doctor</b>
<b>Year:</b>	<b>2023-2024</b>
<b>Semester:</b>	<b>6</b>
<b>Course duration:</b>	<b>9 weeks</b>
<b>Instructor/Assistant/Professor</b>	<b>Name: Zhylkichieva Ch.S., Kudayarova A.S., Seitova R.D., Totuyaeva G.A., Bekibaeva B.S., Uzakbaeva M.U., Asizova A.K., Taalaibekova A.T., Akjolova J.A., Ryskulova G.A.</b>
<b>Department:</b>	<b>Pediatrics, obstetrics and gynecology</b>
<b>Day and Time for consultation:</b>	<b>Friday, 14:00.</b>
<b>Classroom:</b>	<b>421, 422.</b>
<b>e-mail:</b>	<b><a href="mailto:kudayarova71@mail.ru">kudayarova71@mail.ru</a>, <a href="mailto:rseitova@yahoo.com">rseitova@yahoo.com</a>, <a href="mailto:gtotuyaeva@mail.ru">gtotuyaeva@mail.ru</a>, <a href="mailto:manisa000.2@gmail.com">manisa000.2@gmail.com</a>, <a href="mailto:adinaika_2019@mail.ru">adinaika_2019@mail.ru</a>,</b>
<b>Course Title:</b>	<b>Colposcopy. Hysteroscopy.</b>
<b>Must/Elective:</b>	<b>Elective</b>
<b>Credit/Hours:</b>	<b>2 Credits</b>
<b>Course Description:</b>	<b>Colposcopy is a diagnostic method useful for the diagnosis and evaluation of cervical intraepithelial neoplasia and preclinical invasive cancer. It allows magnified visualization of the site where cervical carcinogenesis occurs. It enables taking directed biopsy and in delineating the extent of lesions on the cervix in screen-positive women, thus avoiding conization.</b>
<b>Course Objectives:</b>	<b>To understand the cross and microscopic anatomy of the uterine cervix, infective and inflammatory conditions of the cervix and the vagina, histology and the natural history of cervical neoplasia is absolutely essential for a correct interpretation of colposcopic findings and colposcopic diagnosis of cervical neoplasia. - to assess the condition of the epithelium of the cervix, vagina, vulva; - to identify the localization and boundaries of the lesion; - to distinguish benign changes from malignant lesions; - to carry out targeted smear taking and biopsy; - to monitor the results of treatment.</b>
<b>Prerequisites:</b>	<b>topographic anatomy, normal physiology, pathological anatomy, pathological physiology, histology, pharmacology, microbiology</b>

<b>Post-requisites:</b>	obstetrics and gynecology, emergency conditions in obstetrics and gynecology, operative obstetrics and gynecology.
<b>Learning Outcomes:</b> (expected knowledge & ability at the end)	<b>This course will help the students, given access to a colposcope, to start performing colposcopy and recognizing lesions, and in effectively treating them with cryotherapy or loop electrosurgical excision procedure (LEEP).</b>
<b>Basic references:</b>	<ol style="list-style-type: none"> <li>1. Singer A, Monaghan J. Lower Genital Tract Precancer Colposcopy, Pathology and Treatment. 2nd Edition. Blackwell Science, Oxford (2000).</li> <li>2. ACCP. Effectiveness, Safety and Acceptability of Cryotherapy: A Systematic Literature Review. Seattle, Washington: PATH (2003).</li> </ol>
<b>Supplementary Textbook and Materials:</b>	<ol style="list-style-type: none"> <li>1. Peto J, Gilham C, Fletcher O et al. The cervical cancer epidemic that screening has prevented in the UK. Lancet, 2004, 364:249-56.</li> <li>2. Cervical Screening Programme, England - Statistics for 2014-15. The Health and Social Care Information Centre, November 2015.</li> <li>3. Achievable standards, Benchmarks for reporting, and Criteria for evaluating cervical cytopathology, third edition (NHSCSP Publication No 1). Sheffield: NHS Cancer Screening Programmes, 2013.</li> <li>4. Cervical Screening Wales. Changes to cervical screening age range and frequency. Available at <a href="http://www.screeningservices.org.uk/csw/pub">www.screeningservices.org.uk/csw/pub</a>. Accessed 29 August 2013.</li> <li>5. Cervical screening (press release). Available at <a href="http://www.scotland.gov.uk/News/Releases/2012/12/cervical-screening11122012">www.scotland.gov.uk/News/Releases/2012/12/cervical-screening11122012</a>. Accessed 29 August 2013</li> </ol> <p><b>Links</b></p> <ul style="list-style-type: none"> <li>- <a href="http://Cochrane.org">Cochrane.org</a>, <a href="http://sciencedirect.com">sciencedirect.com</a>.</li> <li>- <a href="http://www.kyrlibnet.kg">www.kyrlibnet.kg</a>.</li> <li>- <a href="http://www.iprbookshop.ru">www.iprbookshop.ru</a>.</li> <li>- <a href="http://www.consilium-medicum.com">www.consilium-medicum.com</a>.</li> <li>- <a href="http://www.medportal.ru">www.medportal.ru</a>.</li> <li>- <a href="http://www.studmedlib.ru">www.studmedlib.ru</a></li> <li>- <a href="http://www.mediliter.ru">www.mediliter.ru</a>, <a href="http://www.meduniver.com">www.meduniver.com</a>,</li> </ul>

- [kingmed.info](http://kingmed.info), [vk.com](http://vk.com), [itweek.ru](http://itweek.ru), [medlit.biz](http://medlit.biz)  
[allmedbook.ru](http://allmedbook.ru), [booksmed.com](http://booksmed.com), [medicalenglish.ru](http://medicalenglish.ru),  
[library.bsu.edu.ru](http://library.bsu.edu.ru), [rutracker.org](http://rutracker.org).

**COURSE POLICY AND EVALUATION CRITERIA:**

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture	Colposcopy
<b>1 week</b>	Lecture	1. Anatomy of the Uterine Cervix
<b>2 week</b>	Lecture	2. Cervical intraepithelial neoplasia (CIN). Invasive cancer of the uterine cervix. FIGO staging.
<b>3 week</b>	Lecture	3. Colposcopy: indications for colposcopy, instrumentation, principles, and documentation of results
<b>4 week</b>	Lecture	4. The colposcopic examination step-by-step. Colposcopic appearance of the normal cervix

<b>5 week</b>	Lecture	5. Colposcopic assessment of cervical intraepithelial neoplasia. Colposcopic diagnosis of preclinical invasive carcinoma of the cervix and glandular neoplasia
<b>6 week</b>	Lecture	6. Treatment of cervical intraepithelial neoplasia by cryotherapy and by loop electrosurgical excision procedure (LEEP)
<b>7 week</b>	Lecture	7. Diagnostical and operative hysteroscopy
<b>8 week</b>	Lecture	8. Hysteroscopic equipment. The procedure for performing hysteroscopy.
<b>9 week</b>	Lecture	9. Hysteroscopic treatment for pathology of the cervical canal, endometrium, uterine fibroids

<b>Course Plan</b>	<b>Practice</b>	<b>Colposcopy</b>
<b>1 week</b>	Practice	1. Anatomy of the Uterine Cervix
<b>2 week</b>	Practice	2. Cervical intraepithelial neoplasia (CIN). Invasive cancer of the uterine cervix. FIGO staging.
<b>3 week</b>	Practice	3. Colposcopy: indications for colposcopy, instrumentation, principles, and documentation of results
<b>4 week</b>	Practice	4. The colposcopic examination step-by-step. Colposcopic appearance of the normal cervix
<b>5 week</b>	Practice	5. Colposcopic assessment of cervical intraepithelial neoplasia. Colposcopic diagnosis of preclinical invasive carcinoma of the cervix and glandular neoplasia
<b>6 week</b>	Practice	6. Treatment of cervical intraepithelial neoplasia by cryotherapy and by loop electrosurgical excision procedure (LEEP)
<b>7 week</b>	Practice	7. Diagnostical and operative hysteroscopy
<b>8 week</b>	Practice	8. Hysteroscopic equipment. The procedure for performing hysteroscopy.
<b>9 week</b>	Practice	9. Hysteroscopic treatment for pathology of the cervical canal, endometrium, uterine fibroids