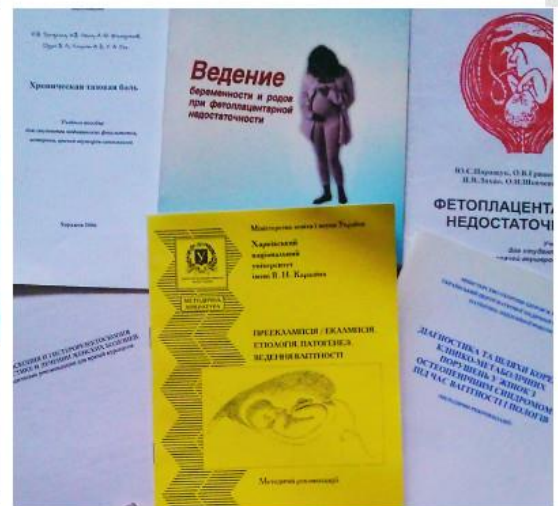


V. N. Karazin Kharkiv National University



School of Medicine



Department of Obstetrics and Gynecology



GENERAL INFORMATION

Today the Department of Obstetrics and Gynecology is one of the leading in Ukraine, due to the high qualification of the staff, educational activities with the use of innovative approaches and researches. The Department is issuing on the training of specialists in the specialty 7.12010001 "Medical care".

DEPARTMENT'S HISTORY

Kharkiv's obstetrics history is an integral part of obstetrics in Ukraine. Its formation is connected with the Kharkiv State University, which was founded the January 17th, 1805. The medical or health sciences department was established among the first four. There were six departments consisted in this faculty, one of them was midwifery department, which later was called the Department of Obstetrics, women's and children's diseases.

Associate professor A. J. Kalkau (1805-1811) was the first Head of the Midwifery Department. He taught an obstetrics course only one year. I. P. Kamensky headed the Department from 1811 to 1819 and taught the course on obstetrics systematically. After his death, from 1819 to 1821 the obstetrics course was being read by other specialists. I. I. Gnedich was headed the Department from 1821 to 1823. At that time obstetrics classes were theoretical only and students worked practical skills in the phantom. A. P. Bogoroditsky was headed the Department from 1824 to 1826 and he understood that theoretical knowledge of Obstetrics is not enough, and began to create an obstetric clinic. But during his lifetime, this idea has not been implemented. However, Kamensky and Bogoroditsky advanced scientific and social activities had increased the authority of the Department.

Further development of the Department was being led by Professor A. Blumenthal (1827-1834). In this period (1829) the first obstetric clinic was established on the University Hill. This clinic consists of four beds and working on the clinic had been allowed to improve theoretical knowledge due to clinical. A.I. Blumenthal denounced the use of perforation of a live fetus head with a narrow pelvis and pointed to possible ways of saving the life of a woman and child.

F. I. Gan headed the Department from 1834 to 1862. During this time, 15 scientific works were written on obstetric, pediatric and other topics, including 2



students and practical obstetrics guide. 15 midwives and 713 doctors had been studied on the faculty at that time, 14 of them was conferred upon the title of obstetrician.

From 1862 to 1885 the Department was headed by prominent gynecologist Ivan P. Lazarevic. His top merit in the introducing scientific basis to study of obstetrics and gynecology, implementation physiological direction to improve the practice of obstetrics. His methods of obstetrics teaching were based on the study of anatomy and physiology of the female organism. In order to improve the educational process I. P. Lazarevic insisted on teaching of obstetric discipline directly at the woman bedside. Through his activities, the clinic was expanded to 25 beds, which contributed to improving of teaching methods and mastering of practical skills. I. P. Lazarevic created obstetrics institution that midwives trained (1869). The eminent scientist and innovator, teacher and public figure, professor I. Lazarevic founded and glorified the Ukrainian School of Obstetricians and Gynecologists. Among his pupils were 6 professors (P. Jasinski, N. Havronsky, L. Mantsevych, K. Horeleychenko, M. Ponomarev, M. Sevastyanovych). He considered the labor as a reflex process and devoted much attention the functional state of the nervous system for the development of labor. He made interviews with laboring woman to remove the dominant of fear in the labor. His scientific activities had been included to study the weakness of labor activity, eclampsia, resuscitation of babyborn and hypogalactia. He invented and offered a lot of tools for practical purposes. In 1873 in the London exhibition, he was awarded a gold prize for the creation of "Atlas of gynecological and obstetrical instruments" and direct of the obstetric forceps. An outstanding surgeon I.P. Lazarevic was the first to perform ovarioectomy and hysterectomy in cases of fibroids, used chloroform and ether anesthesia for childbirth, and suggested the external method for placenta removing. Professor I. Lazarevic wrote 90 scientific works. Among them are double textbook "Obstetrics course", monographs "The activities of women", "Attention to babies and mothers." From 1885 to 1902 the Department was headed by prominent scientist and gifted teacher M. F. Tolochynov. Among of his achievements are a method of uterus tamponed for stop atonic bleeding, determination of the ventricular septal defect in newborns (Tolochynov-Roger disease), indications for surgical treatment and others. N. F. Tolochynov continued development of Kharkiv School of Obstetricians and Gynecologists. There were 2 doctoral dissertations (P. V. Mihin "To question about antiseptic childbirth", M. Mironov "About of postpartum diseases reasons ") performed under his leadership. He had published 23 scientific works, wrote "Textbook of



obstetrics art", "Textbook of female diseases", and participated in the magazine "Obstetrics and women's diseases." Due to activity of professor, M. F. Tolochynov was built a new building and the obstetric clinic was increased to 40 beds. There is a Department of Obstetrics and Gynecology of Kharkiv National Medical University in this building today. Later the Heads of Departments were P. Y. Jasinski (1902 - 1903), P. V. Mihin (1903 - 1912), V. D. Brant (1912 - 1922). Professor Yasynsky is the author of the textbook "The course of obstetrics." Professor Mihin and his department staff had made a significant contribution to the development of bacteriology. Professor Mihin wrote 15 scientific works. There were 5 doctoral dissertations (G. Prokopyev, F. Solovyev, N. Illarionov, S. Zvynyatsky, P. Hazhynsky) performed under his leadership.

The period from 1861 to 1917 was a very fruitful for the Department in the scientific, pedagogical and practical terms. During this time 13 professors, 4950 doctors, more than 3,500 midwives had been taught on the Department. It was published more than 300 scientific works, written three textbooks on obstetrics, one of gynecology, one of pediatrics, provided medical care by the specialized for many thousands of pregnant women and gynecology patients. There were tenders for the best student research that promoted to encourage to scientific experimental activity in Kharkiv University.

In 1920, the Kharkiv University allocated from its membership the Department of Medicine, who together with Women's Health Institute of Kharkiv Medical Society were the basis for the establishment of the Medical Academy. Later it called the Kharkov Medical Institute.

Since March 2003 in V. N. Karazin Kharkiv National University have been opening the School of Fundamental Medicine again. From beginning, the teaching of obstetrics and gynecology was conducting at the Department of Pediatrics, Obstetrics and Gynecology. The Department of Obstetrics and Gynecology has existing as a separate structural unit of the Faculty, since December 9, 2008. The Head of the Department is Professor Olga Valentynivna Gryshchenko.

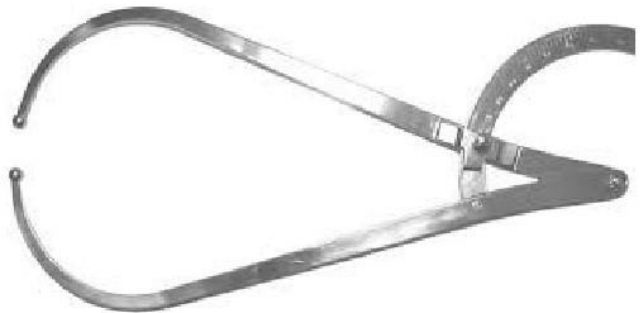
DEPARTMENT'S LOGISTIC

Departments Logistics is at a high level and fully complies with international standards. Lectures are conducted in the 5 lecture rooms with multimedia systems and computers connected to the internal University network and the Internet.



For practical, laboratory and seminar classes the Department has 5 classrooms, equipped with multimedia systems, personal computers with access to the University network and the Internet, video and television equipment, necessary layouts, models and demonstration materials.

Training of the disciplines of the Department accompanied the use and application in the educational process of the obstetric and gynecological phantoms, kits tools, visual AIDS in the form of posters and models, demonstration videos and 3D reconstructions.





HEAD OF THE DEPARTMENT

The Head of the Department of Obstetrics and Gynecology Doctor of Medical Sciences, professor Olga V. Grishchenko, which is known in Ukraine and abroad as a specialist in the field of obstetrics, gynecology and reproductive health.





She graduated in 1997 from Kharkiv Medical Institute on a speciality "Medical case". In 1979, she started working as an assistant professor of obstetrics and gynecology at the Ukrainian Institute of improvement of doctors, after the end of residency, where he studied from 1977 to 1979. In 1980, she defended his Dissertation of degree "Candidate of Medicine" on "The treatment of dysfunctional uterine bleeding of the intravaginal hypothermia" specialty 14.01.01 "Obstetrics and gynecology", and in 1992 she defended his Dissertation of degree "Doctor of Medicine" on "The reproductive system in women with chronic alcoholic intoxication" specialty 14.01.01 "obstetrics and gynecology".

In 1993, she was a professor of the Department of Obstetrics and Gynecology. Since 1994 she headed the Department of Perinatology and Gynecology KhMAPE, which is the reference for universities of postgraduate education. Since 2008, she is the Head of the Department of Obstetrics and Gynecology V. N. Karazin Kharkiv National University.

In 2012 she received the title of "Honored science and technology worker of Ukraine". Professor O.V. Grishchenko is a republican member of the Problem Commission "Obstetrics and gynecology", Vice-President of the Ukrainian Association of children's obstetrician-gynecologists. She is a member of the Editorial Boards of the Journals "Problem of medical science and education" (KhMAPE, Kharkiv), "Female doctor" (Kiev).

DEPARTMENT'S STAFF

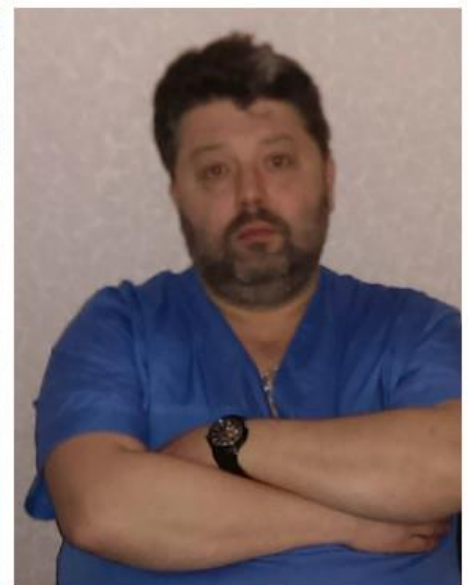
The staff of the Department consists of two Doctors of Medicine, professors; five Candidates of Medicine, associate professors; three Candidates of Medicine, assistant, 1 assistant without a scientific degree and one senior department assistant. The number of staff is 70%, and foreign workers – 30%. There is one winner of the state prize and one honored worker of science of Ukraine conducted research and teaching activities at the Department.

Many years of experience and a strong potential pedagogical staff of the Department provide high quality education. The average length of service of educational activities of the staff in the Department is 22.5 years.

In order to keep the high scientific and pedagogical level the Department staff every year pass extension courses, specialization, pre-certification cycles of



thematic improvement, etc., including courses in teaching skills and courses for introduction in educational process of innovative Internet technologies and remote forms of education.

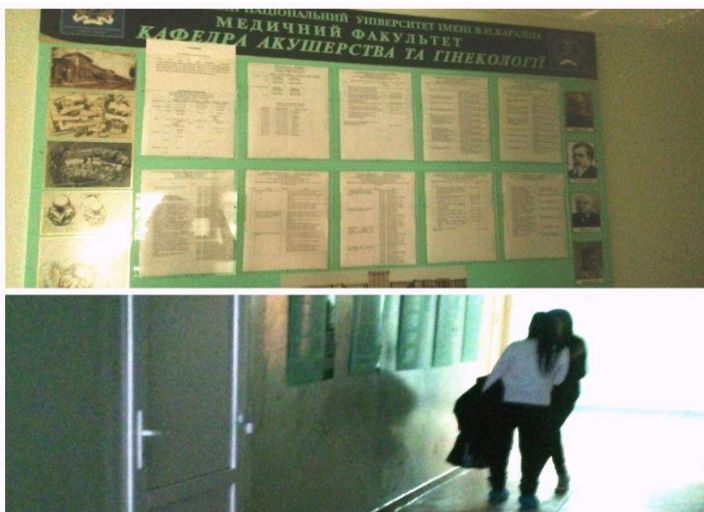


DEPARTMENT'S EDUCATIONAL WORK

Educational work of the Department of Obstetrics and Gynecology is one of the priority directions of its activity. The Department conducted a study of students in 3 subjects in Ukrainian and English.



The training of students in the Department is carried out in accordance with the recommendations model programs and courses, approved MOH and MES and improved within a regulated norms of the groups. The teaching of all disciplines of the Department is conducted in accordance with recommendations and regulations of the Bologna process.



The educational process at the Department is carried out with the use of modern multimedia and computer equipment, a sufficient number of visual AIDS with the active involvement of students in clinical and scientific work of the Department, as well as with the use of innovative approaches to the educational process (online counseling for students, discussions with students on various issues in voice and text chat, remote control prepare students for the licensing examination STEP, etc.).

In the process of educational activity at the Department, students have the opportunity to see the work of modern diagnostic and treatment equipment at the disposal of the Department.

Practical classes are conducted in conditions as close to real. Students together with instructors of the Department participate in clinical studies of patients who participate in clinical analysis, consultations, rounds, medical and Metropolitan conferences, receiving at the stage of learning invaluable clinical and practical experience.



Special attention in the process of educational activity devoted to preparing students for the license test exam step 2, which is carried out with the analysis of test tasks all available databases and banks of tests specifically designed for the School of Medicine of software, computer labs and multimedia equipment, Internet systems remote training and control of knowledge, face-to-face and online counseling educators to prepare for step 2 during the whole period of the study subjects with a uniform distribution of load test on students. The effectiveness of preparing students for "Step 2" disciplines is confirmed by the results of the examination for which the School of Medicine annually holds a leading ranking position among the medical universities of Ukraine.

In teaching lecturers of disciplines select and prepare the best students for participation in all-Ukrainian olympiads, competitions, conferences, congresses, etc. on the specific discipline in which medical students annually win prizes and are encouraged diplomas, commendations, certificates, insignia, etc.

DEPARTMENT'S DISCIPLINES

At the Department of Obstetrics and Gynecology, students are trained in Ukrainian and English languages on three disciplines, among which:

- ⇒ **Obstetrics and gynecology** for students of 4, 5, 6 courses. The Head of the teaching professor O. V. Grishchenko; lecturers of the discipline (in Ukrainian studies): associate professor G. V. Storchak, associate professor Lakhno I. V., associate professor Vasylieva I. A., associate professor Z. A. Gorshkova, assistant E. V. Droghbas, assistant A. T. Ovcharenko; teaching (English language): associate professor G. V. Storchak, associate professor Lakhno I. V., associate professor I. A. Vasylieva, associate professor Z. A. Gorshkova, assistant E. V. Droghbas, assistant T. A. Kozub, assistant O. S. Golovina.
- ⇒ **Medical genetics** for students of the third course. The Head of the teaching professor A. M. Fedota.

Pharmacology. The Head of the teaching – associate professor T. V. Sevastyanova.

Elective courses:



- ⇒ **Endoscopy in obstetrics and gynecology** for students of the fifth course. The Head of the teaching professor O. V. Grishchenko; lecturers of the discipline (in Ukrainian studies): associate professor G. V. Storchak, associate professor I. V. Lakhno, associate professor I. A. Vasyliieva, associate professor Z. A. Gorshkova, assistant E. V. Droghbas, assistant A. T. Ovcharenko.
- ⇒ **Perinatology** for students of the fifth course. The Head of the teaching professor O. V. Grishchenko; teachers discipline (in Ukrainian studies): associate professor G. V. Storchak, associate professor I. V. Lakhno, associate professor I. A. Vaseleva, associate professor Z. A. Gorshkova, assistant E. V. Droghbas, assistant A. T. Ovcharenko.

DEPARTMENT'S METHODOICAL WORK

Methodical work of the Department of Obstetrics and Gynecology is carried out on a regular basis, and its result is a complete methodical maintenance of disciplines. Prepared by the Department of instructional materials available to students in electronic form online on the servers on the internal computer network of the School of Medicine, in the electronic Depository of the University, as well as in printed form.

The result of methodical work of the Department over the period of its existence is to prepare a team of 3 books with the stamp of The Ministry of Health of Ukraine, 5 manuals, 23 training manuals and guidelines, including 1 in English.

In all disciplines of the Department developed and constantly maintained up to date packages methodological support, including work programs, calendar thematic plans, methods of assessment of knowledge and skills of students, guidelines for practical classes and independent work of students, instruction for students in study in the Bolonian process, the base test and situational tasks for the current and final module control knowledge and skills of students, lists of test questions and recommended literature, texts and multimedia presentations of lectures, etc.



DEPARTMENT'S SCIENTIFIC WORK

Scientific work of the Department is an integral part of its activities. Members of the Department, through its science and research, are recognized scientific experts in their fields not only in Ukraine but also abroad.

The main direction of scientific researches of the Department is the study of the status of the fetus, problems of preeclampsia, disorders of connective-tissue metabolism during pregnancy and gynaecological patients, thrombophilia in the context of reproductive loss.

Since the founding of the Department members of the Department have defended 3 PhD theses. Currently, the Department planned and executed 1 candidate and 2 doctoral theses.

The results of their research staff of the Department during its existence reflected in published 7 articles in journals that have impact factor and are included in foreign scientometric databases, more than 30 articles in national medical journals, and 120 articles in other publications. Innovative approaches in scientific researches confirmed by 3 patents and copyright certificates.

The Department organized and conducted 15 scientific conferences, including 5 international. Reports on the results of their research staff of the Department participated in 12 conferences, congresses, symposiums, forums, etc., including an 8 international.

Scientific contacts of the Department are established with Kharkiv City Perinatal Centre, Academician V. I. Grischenko's Clinic of Reproductive Medicine, Regional Student Polyclinic, Kharkiv City Hospital N 13, which signed contracts on exchange of experience, scientific cooperation and joint research works.

An integral part of scientific work of the Department is to organize the work of student scientific circles, which are the structural units of the Student Scientific Society, postgraduates, doctoral students and young scientists of the School of Medicine. Students Scientific Society of the Department together with the staff of the Department take active participation in clinical discussions and consultations, scientific-practical conferences, congresses, forums, symposiums and scientific research, the results of which are published 4 articles in specialized publications, including 1 in foreign.



DEPARTMENT'S CLINICAL BASES

Clinical bases of the Department of Obstetrics and Gynecology are the leading agencies of health of Ukraine, known for its scientific and clinical potential far beyond Ukraine:

- ⇒ Kharkiv City Perinatal Center, which is a specialized Agency for the Provision of Medical Care for premature delivery in pregnancy, premature babies and treatment of miscarriage.
- ⇒ Academician V. I. Grischenko's Clinic of Reproductive Medicine is a modern health care facility that provides a full range of services for effective diagnosis and treatment of all types of female and male infertility.
- ⇒ The Kharkiv Region Students Hospital. Is a modern multidisciplinary health care facility providing medical care on 3 levels. Primary 14 primary health care and 9 health units located in universities, which is a complex of preventive and anti-epidemic measures, receiving primary care. Secondary – in the clinic for 3 thousand visits per day, where physicians are all kinds of preventive and curative care, including clinical examination, and conducted all necessary diagnostic tests. Tertiary hospital with 180 beds for students and 60 beds for liquidators of the Chernobyl accident. The hospital provides medical care to the 26 students of Higher Educational Institutions III-IV accreditation levels of state ownership with the forces of 866 employees, including physicians in 34 specialties.



⇒ Kharkiv City Clinical Hospital № 13. In the structure of the institution includes outpatient and inpatient departments. Stacionarnoe the Department has 305 beds. The outpatient Department is accepting all major medical specialties. The Clinic has a day hospital with 42 beds, which can receive treatment patients medical, neurological and surgical profiles.



At clinical sites conducted lectures, practical and laboratory classes, clinical analysis with the participation of students, formation of practical skills and



consolidation of theoretical knowledge. Members of the Student Scientific Circles of the Department take an active part in scientific researches, which are based on the clinical bases of the Department.

Clinical work of the Department of Obstetrics and Gynecology conducted by Department staff at the clinical sites with the involvement of the students during the study of relevant disciplines.







CONTACT INFORMATION

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Website: <http://gynecology.univer.kharkov.ua>

Directions: trolleybus № 24 from metro Academician Barabashov

Location: <https://goo.gl/maps/5wSAC515aLP2>