- / Ю.А.Талалаенко, А.С.Прилуцкий, Э.А.Майлян // Український медичний альманах .- 2006.- Т. 9, № 6.- С.119-121.
- 4. Тихончук Н.С. Вплив озонотерапії та низькочастотної магнітотерапії на показники імунологічної реактивності у хворих з хронічною ревматичною хворобою серця / Н.С.Тихончук // УБЖ.- 2006.- № 1,2.- С. 33-36.
- 5. Федоров А.А. Озонотерапия при гастродуоденальной патологии, ассоциированной с Helicobacter pylori / А.А.Федоров, А.С.Громов, С.В.Сапроненок [и др.] // Коллектив авторов.- 2006.- С. 34-37.
- 6. Царюк Ю.С. Лікування гнійно-некротичних уражень стопи у хворих на цукровий діабет із використанням озонотерапії / Ю.С.Царюк // Буковинський медичний вісник.- 2007.- Т.11, № 1.- С.88-91.

#### References

- 1. Svetuhin A.M. Voprosy patogeneza i taktiki kompleksnogo hirurgicheskogo lecheniya gnojno-nekroticheskih form sindroma diabeticheskoj stopy / A.M.Svetuhin, A.B.Zemlyanoj, V.G.Istratov [i dr.] // Hirurgiya.- 2003.- № 3.- S. 85-88.
- 2. Sokolov S.M. Medicinskie problemy ocenki ehkspozicii ozona / S.M.Sokolov, T.E.Naumenko, T.D.Gricenko [i dr.] // Kollektiv avtorov.- 2006.- S. 51-52.
- 3. YU.A. Kletochnyj immunitet u beremennyh s pielonefritom i vliyanie medicinskogo ozona na ego sostoyanie / YU.A.Talalaenko, A.S.Priluckij, EH.A.Majlyan // Ukraïns'kij medichnij al'manah .- 2006.- T. 9, № 6.- S.119-121.
- 4. Tihonchuk N.S. Vpliv ozonoterapiĭ ta niz'kochastotnoï magnitoterapiĭ na pokazniki imunologichnoï reaktivnosti u hvorih z hronichnoyu revmatichnoyu hvoroboyu sercya / N.S.Tihonchuk // UBZH.- 2006.- № 1,2.- S. 33-36.
- 5. Fedorov A.A. Ozonoterapiya pri gastroduodenal'noj patologii, associirovannoj s Helicobacter pylori / A.A.Fedorov, A.S.Gromov, S.V.Sapronenok [i dr.] // Kollektiv avtorov.- 2006.- S. 34-37.
- 6. Caryuk YU.S. Likuvannya gnijno-nekrotichnih urazhen' stopi u hvorih na cukrovij diabet iz vikoristannyam ozonoterapii / YU.S.Caryuk // Bukovins'kij medichnij visnik.- 2007.- T.11, № 1.- S.88-91.

УДК 37.091.3.043.2:617

# METHODS IMPROVING OF PRACTICAL EXERCISES WITH FOREIGN STUDENTS

# УЛУЧШЕНИЕ МЕТОДИКИ ПРАКТИЧЕСКОЙ ПОДГОТОВКИ ИНОСТРАННЫХ СТУДЕНТОВ

# S.Yu. Karatieieva, PhD

assistant of the department of nursing and Higher nursing education Bukovinian State Medical University (Chernivtsi, Ukraine)

#### O.I.Yurkiv, PhD

assistant of the department of nursing and Higher nursing education Bukovinian State Medical University (Chernivtsi, Ukraine)

# С.Ю. Каратеева

кандидат медицинских наук, ассистент кафедры ухода за больными и высшего медсестринского образования Буковинского государственного медицинского университета г. Черновцы, Украина)

#### О.И. Юркив

кандидат медицинских наук, ассистент кафедры ухода за больными и высшего медсестринского образования Буковинского государственного медицинского университета (г. Черновцы, Украина)

**Abstract.** Along with testing students at practical classes in surgical disciplines other types of work may be used: discussion of a surgical problem, assertion, persisting students' own opinion, discussions with the teacher, working out and practical skills acquisition; all these measures significantly improve the thematic material acquisition. **Key words:** methods improving, teaching, foreign students.

**Резюме.** Именно применение на практических занятиях по хирургических дисциплинах, одновременно с тестированием студентов, обсуждение хирургической проблемы, доказательства, аргументации собственного мнения, дискуссии с преподавателем, отработки и усвоения практических навыков значительно улучшает усвоение тематического материала.

Ключевые слова: методика, преподавание, иностранные студенты.

**Introduction.** The active reformation of education, including higher medical education, is still in progress in Ukraine [1, 2, 5]. Current de-

velopment of medical education in Ukraine, stages of its reformation, issues related to improving the quality of education of medical gradu-

### THE EUROPEAN ASSOCIATION OF PEDAGOGUES AND PSYCHOLOGISTS "SCIENCE"

ates require new approaches to the educational process organization.

Introduction to the educational process of innovative and interactive technologies creates conditions for improving the quality of practical training of future professionals.

The scientific progress stipulated the search and introduction of new technologies into the educational system. In recent years, medical education undergoes a natural process of considerable modernization [2].

Currently, the main task of higher education is to preserve and provide the required quality of professional training of specialists and to seek for the mechanisms of its improvement [1, 5].

Practice shows that motivational activities of students during extracurricular training can not be the only key to successful mastering practical skills and skills that form the professional competence of the future expert. The necessary search and evaluation of modern innovative methods of training in educational reform healthcare industry to improve the quality of practical training of health professionals focused on the needs of modern medicine [7, 7, 5].

Thus, the necessary search and evaluation of innovative teaching methods in modern conditions of educational reform healthcare industry to improve the quality of practical training, which focused on the needs of modern medicine [1, 3, 4].

Reformation of higher education and advanced requirements for the training of future specialists led to changes in subject teaching [8, 9]. These facts are especially important in teaching surgical disciplines to foreign students.

The main part. It is absolutely obvious that textbooks and teaching manuals for foreign students, even the most modern ones, can not develop practical skills in surgery in future professionals. The central role in this process belongs to the teacher. Creating an optimal environment in which international students are able to perform therapeutic management of surgical patients, be present during various surgical interventions, dressings, surgical manipulations, is the main task of the teacher.

Practice shows that motivational activities of students during extracurricular training can not be the only key to successful mastering practical skills and skills that form the professional competence of the future expert. The necessary search and evaluation of modern innovative methods of training in educational reform healthcare industry to improve the quality of practical training of health professionals focused on the needs of modern medicine.

Thus, the necessary search and evaluation of innovative teaching methods in modern conditions of educational reform healthcare industry to improve the quality of practical training, which focused on the needs of modern medicine.

Feature of preparation is that to a new level in terms of credit-modular system of training necessary to carry out the formation of professional and competent professional with diverse functional duties.

For approved curricula the study of professionally oriented subjects submitted to a final state certification, set aside about 25% of class time. Of these, 17.8% is teaching lectures, 40.7% are independent extracurricular training of students and the rest of the time is for the workshops. In such a shortage Initial time ensure the necessary level of mastering practical skills of graduates has relevance.

The teacher motivates learning activities of students, encourages them to learn, organizes the learning process for it to have the maximum effect. And this organization should be held at the level of actions and capabilities of each individual student. One of the most common problems of learning and mastering surgical disciplines by foreign students is the problem of free communication between foreign students and patients, especially during the first years of study.

In this situation the teacher acts as an interpreter and that is the

teacher who the atmosphere between the student and the patient depends on, as well as the students' interest in questioning and the patient's confidence, discussion of various surgical problems, debates, alternative treatment methods, taking into account the opinion of each student, developing their clinical thinking.

Thus, the true concept of the terms "group" and "teacher" is revealed without distinguishing between the group of students who want to learn or who can be taught, and those who do not want to learn; in such situation the teacher aims to giving best knowledge to everyone.

Using the methods of individual approach to each student in teaching surgical disciplines enables to change one's attitude to learning object radically, turning it into a subject, that is to make each student a co-author of practical classes. In team work there appears an element of competition and mutual responsibility of students for their work in the classroom, for their knowledge in the subject, that's why the teacher is going to treat students with a greater respect.

In this regard one should improve thematic training rooms, provide them with modern equipment, completely supply classes with "theme" patients, and effectively use the material and technical base of the department, especially in the clinic. In such system of educational process organization a teacher has some real opportunity to conduct detailed discussions with students on the most important topic issues, which are held in the format of free debate, where all class attendees are actively involved.

Having proper motivation and perfect material and technical supply, even the student who is less trained at the beginning of the class, gets the necessary amount of essential information on the topic after its completion.

Learning achievements are significantly improved when it is possible to use the technology of remote visualization via videotransmission from operating room in the educational process.

When foreign students become interested in learning, we can eventually observe a significant reduction in groundless class missing.

Preparing practical class with foreign students, the teacher should carefully think over the structure of the class, outline the problem and its solution and identify the ways to solve it.

For students who study was performed unsatisfactorily individual work. They are actively involved in the preparation of independent, abstract work. Particularly productive this work was done during classes.

Conditions for independent work schedule drawn up in accordance supplied workshops, the presence of all relevant documentation and materials for the students individual work. The lecture material taught to students covered all issues of treatment and prevention.

The teachers should be primarily guided by the fact that in addition to providing students with a certain amount of practical skills, they have to teach students how to approach learning creatively, to distinguish between the important and the secondary, skillfully use the acquired knowledge. Thus, if there is a real desire to achieve a high quality of training specialists, especially foreign students, the forms of educational process should be constantly improved.

#### Conclusion.

- 1. Nowadays the peculiarities of foreign students' training require a substantial improvement in the teaching of clinical disciplines in higher educational establishments, particularly in fundamental disciplines which are first to introduce clinics to a student and provide their first skills.
- Problems practical training of graduates due to the peculiarities of educational activity in the transition to a European credit-module system of education.
- Introduction of new innovative technologies of educational process organization ensures proper specialists' training, which conforms to government standards.

#### References:

- 1. Будапештсько-Віденська декларація про створення Європейського простору вищої освіти 12 березня 2010 р.
- 2. Ковальчук Л.Я. Впровадження новітніх методик і систем навчального процесу в Тернопільському державному медичному університеті імені І. Я. Горбачевського / Л. Я. Ковальчук // Мед. освіта. 2009. №2. С. 10–14.
- 3. Ковальчук Л.Я. Новітні шляхи вдосконалення підготовки фахівців у Тернопільському державному медичному університеті імені І.Я. Горбачевського / Л. Я. Ковальчук // Мед. освіта. 2010. №2. С. 27—30.
- 4. Сухарніков М. Ю. Концептуальні підстави розробки і впровадження національної рамки (академічних) кваліфікацій України / М. Ю. Сухарніков. К.: Вища школа, 2012.– №3.– С.17.
- 5. Про затвердження Положення про національну систему рейтингового оцінювання діяльності вищих навчальних закладів: наказ Міністерства освіти і науки, молоді та спорту України № 1475 від 20.12.2011р.
- 6. Вершинська О.Б. Проблеми формування навчальної мотивації студентів ВНЗ / О. Вершинська // Мед. освіта. 2011. №3. С. 9-12.
- 7. Думанський Ю.В. Освоєння студентами практичних навичок при кредитно-модульній організації навчального процесу: проблеми та пошук шляхів їх вирішення / Ю. Думанський, О. Талалаєнко, М.Первак // Мед. освіта. 2011. №3. С. 79-81.
- 8. Новаченко Т.В. Використання активних та інтерактивних форм і методів навчання у вищій школі / Т.В. Новаченко // Міжнародний науковий форум: соціологія, психологія, педагогіка, менеджмент. Вип. 6: збірник наукових праць. Київ: Вид-во НПУ імені М.П. Драгоманова, 2011. С. 227-234.
- 9. Poikela P. Comparison of meaningful learning characteristics in simulated nursing practice after traditional versus computer-based simulation method: A qualitative videography study. / P.Poikela, H.Ruokamo, M.Teras // Nurse Education Today. 2015. Vol.35. P. 373-382. Режим доступу: http://www.sciencedirect.com/science/article/pii/S0260691714003323

#### REFERENCES:

- 1. Budapeshts'ko-Videns'ka deklaraciya pro stvorennya Evropejs'kogo prostoru vishchoï osviti 12 bereznya 2010 r.
- 2. Koval'chuk L.YA. Vprovadzhennya novitnih metodik i sistem navchal'nogo procesu v Ternopil's'komu derzhavnomu medichnomu universiteti imeni I. YA. Gorbachevs'kogo / L. YA. Koval'chuk // Med. osvita. 2009. №2. S. 10–14.
- 3. Koval'chuk L.YA. Novitni shlyahi vdoskonalennya pidgotovki fahivciv u Ternopil's'komu derzhavnomu medichnomu universiteti imeni I.YA. Gorbachevs'kogo / L. YA. Koval'chuk // Med. osvita. 2010. №2. S. 27–30.
- 4. Suharnikov M. YU. Konceptual'ni pidstavi rozrobki i vprovadzhennya nacional'noï ramki (akademichnih) kvalifikacij Ukraïni / M. YU. Suharnikov. K.: Vishcha shkola, 2012.– №3.– S.17.
- 5. Pro zatverdzhennya Polozhennya pro nacional'nu sistemu rejtingovogo ocinyuvannya diyal'nosti vishchih navchal'nih zakladiv: nakaz Ministerstva osviti i nauki, molodi ta sportu Ukraïni № 1475 vid 20.12.2011r.
- 6. Vershins'ka O.B. Problemi formuvannya navchal'noï motivacìï studentiv VNZ / O. Vershins'ka // Med. osvita. 2011. №3. S. 9-12.
- 7. Dumans'kij YU.V. Osvocnnya studentami praktichnih navichok pri kreditno-modul'nij organizacii navchal'nogo procesu: problemi ta poshuk shlyahiv ih virishennya / YU. Dumans'kij, O. Talalaenko, M.Pervak // Med. osvita. − 2011. − №3. − S. 79-81.
- 8. Novachenko T.V. Vikoristannya aktivnih ta interaktivnih form i metodiv navchannya u vishchij shkoli / T.V. Novachenko // Mizhnarodnij naukovij forum: sociologiya, psihologiya, pedagogika, menedzhment. Vip. 6: zbirnik naukovih prac'. Kiiv: Vid-vo NPU imeni M.P. Dragomanova, 2011. S. 227-234.
- 9. Poikela P. Comparison of meaningful learning characteristics in simulated nursing practice after traditional versus computer-based simulation method: A qualitative videography study. / P.Poikela, H.Ruokamo, M.Teras // Nurse Education Today. 2015. Vol.35. P. 373-382. Rezhim dostupu: http://www.sciencedirect.com/science/article/pii/S0260691714003323

UDC 616.91/.93:616.61-02]-092-085.22

# CORRECTION OF THE FUNCTIONAL STATE OF KIDNEYS BY MEXIDOL DURING THE FIRST FEVER STAGE DEVELOPMENT

КОРЕКЦІЯ МЕКСИДОЛОМ ФУНКЦІОНАЛЬНОГО СТАНУ НИРОК ЗА УМОВ РОЗВИТКУ ПЕРШОЇ СТАДІЇ ГАРЯЧКИ

## T.G. Kopchuk

Candidate of medical sciences, assistant of the pharmacology department of Higher state educational institution of Ukraine "Bukovinian state medical university" Teatral'na sq., 2, Chernivtsi, Ukraine, 58000

### Т.Г. Копчук

кандидат медичних наук, асистент кафедри фармакології Вищого державного навчального закладу України «Буковинський державний медичний університет» Театральна площа, 2, м. Чернівці, Україна, 58000