

ON MEDICAL WORKERS INTERNATIONAL SYSTEM OF EXAMINATION

R. Kolomiytsev

Scientific Supervisor: M.P. Slobodchikova, Senior Lecturer
Department of Foreign Languages
Saint Petersburg State Pediatric Medical University

Research relevance: nowadays, when a specialist wants to work in the USA or other foreign country it is necessary to verify his/her medical diploma. This system of verification is inconvenient and requires additional time and financial expenses. Here we would like to introduce one of the possible ways to solve the problem.

Objectives: the objectives are to analyze and create a comfortable scheme of examinations filled with questions, clinical situations, and other exercises, which results can be accepted in most parts of the world.

Materials and methods: materials of American (USMLE) and Russian (Accreditation of Specialists) medical exams are used in this investigation. To receive a perfectly balanced clear system for participants from different countries it is necessary to take into account the experience of different countries.

Results: a friendly and comfortable system of international examination, we propose, may be accepted in most parts of the world. The project includes various questions according to the field of application, clinical situations and other exercises. Having analyzed materials and the whole scheme of the exam, we may create not only the system but also a bank of questions for each topic. The bank of questions can be automatically upgraded afterwards. We use English language, when doing this project, because it is the most popular means of communication in our planet. It means that all non-native speakers of English are in the similar conditions. So we combine all types of exams in one, i. e. checking and verifying the level of medical knowledge and English. To sum up, the system is very fair and non-discriminative for non-speakers.

Conclusion: this project has not only unique theoretical value, but also practical. It can be used in different spheres of medical education as well as language learning. All the participants of the exam will benefit. Students and young doctors can achieve a lot of different opportunities such as to study abroad, do clinical and scientific work according to their professional interests. The employee would have more well-qualified specialists to choose who, in their turn, give rise to new ideas.

References

1. Haist S, Butler A, Paniagua M. Testing and evaluation: the present and future of the assessment of medical professionals. *Advances in Physiology Education*. 2017;41(1):149–153.
2. Приказ Министерства здравоохранения РФ от 2 июня 2016 г. № 334н «Об утверждении положения об аккредитации специалистов».
3. Clauser B.E., Margolis M.J., Clauser J.C. Validity issues for technology-enhanced innovative assessments. In: Jiao H, Lissitz RW, eds. *Technology Enhanced Innovative Assessment: Development, Modeling, and Scoring from an Interdisciplinary Perspective*. Charlotte, NC: Information Age Publishing; 2017:139–161.

STUDY OF THE EMBRYOTOXICITY OF TITANIUM DIOXIDE NANOPARTICLES

Tokareva Z.O.

Scientific supervisor: Nudelman N.A.
Department of Foreign Languages
Saint-Petersburg State Pediatric Medical University

Research relevance: currently, research in the field of nanotechnology and assessment of its risk to human health and the environment are recognized as the highest priority worldwide. The study