



**RUBEN VICTOR FANARJYAN, MD, Professor**

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Chief Specialist of MH RA*



*Dear colleagues!*

*Over the last 20 years, there have been significant changes in the development of neurosurgery in Armenia, requiring discussion and evaluation. These improvements refer to the scientific research process, clinical work, organization of specialized care, education process and staff training.*

*The permanent process of deepening specialization, including neurosurgery, allowed to expand the network of neurosurgical institutions, to make specialized care more accessible and diverse. New well-equipped neurosurgical units are being opened, which are absolutely necessary, taking into account the socio-geographic features of the country. In this connection, there was a problem associated with the staffing of these units, determination of the scope of work and resolution of issues of their relationship with other neurosurgical, neurological and pediatric neurosurgery units.*

*There is an increase in surgical activity, improvement of the surgery results, development of new methods for treating many diseases of the nervous system, reduction of postoperative mortality and today, while assessing the treatment results, the questions of patients' readaptation and life quality are highlighted.*

*For a wider discussion of the latest developments and their implementation in the scientific centers, neurological and neurosurgical clinics one of the most common mechanisms are the publications of Armenian scientists in English-language periodicals.*

*Wide and versatile analysis in the field of neurology and neurosurgery is a necessary component and stimulating factor ensuring the introduction of the latest scientific developments in the practice of neurosurgical and neurological departments.*

*In this regard, the publications of English-language articles in our journal can be an effective direction of expanding the scientific horizon and a useful way to introduce the latest medical technologies.*

*Taking the opportunity, on behalf of the staff of Neurological Surgery Department of YSMU and myself, I would like to congratulate the University administration and the staff of the scientific periodical of YSMU – "The New Armenian Medical Journal", on the 10<sup>th</sup> anniversary, with further wishes for their fruitful scientific and publishing activities.*



**VADIM ANATOLYEVICH BYVALTSEV, MD, professor**

*Head of the Neurosurgery course of Irkutsk State Medical University RF*

*On behalf of the staff of the Neurosurgery course of Department of Traumatology, Irkutsk State Medical University, I express my gratitude to the editorial staff of "The New Armenian Medical Journal" for the given opportunity to publish our articles in your journal, which today is a prestigious periodic scientific publication and is indexed in international databases of Scopus and Thomson Reuters.*

*It is very remarkable that scientific articles of staff of our University are published in the special issue of "The New Armenian Medical Journal" dedicated to the memorable data – 10<sup>th</sup> anniversary from its foundation day.*



**IGOR VLADIMIROVICH MALOV,**  
*MD, Professor,*  
*Rector of Irkutsk State Medical University RF*  
**Dear Redaction of "The New Armenian Medical Journal"**

*Irkutsk State Medical University of Ministry of Health of Russian Federation is the firstborn of higher medical education in the East of Russia and one of the oldest institutions of higher education in Siberia. Over the years of existence, ISMU has trained more than 45.000 doctors and pharmacists, created cadre and scientific potential not only for the University, institutions and organs of practical health of the region, but also for the whole country as a whole.*

*The course of neurosurgery was formed in 1970 at the Department of Neuropathology of the Irkutsk Medical Institute, organized by MD, Professor L.S. Koraidi. Main directions of scientific practical work were aspects of neurotraumatology, epilepsy, osteochondrosis of the spine, early medical rehabilitation of patients with focal brain lesions. In 1983, the Neurosurgery course was headed by a talented neurosurgeon, an excellent scientist and pedagogue, MD, Professor M.D. Blagodatsky. The sphere of scientific interests included the problems of pathogenesis and surgical treatment of vertebrogenic diseases of the nervous system and syringomyelia, as well as transplantation of embryonic nerve tissue and visualization of the pathology of the brain and spinal cord by neurosonography.*

*Since 2007, the course of neurosurgery has been attached to the Department of Traumatology, Orthopedics and Military Surgery (head of the department, MD, Professor V.G. Vinogradov). The Neurosurgery course was headed by the Candidate of Medical Sciences, assistant professor A.V. Semenov.*

*Since 2013 the course of neurosurgery is a part of the Department of Hospital Surgery under the supervision of the Corresponding Member of RAS, Professor E.G. Grigoryev. Doctor of Medical Sciences, Professor V.A. Byvaltsev was appointed as the head of the course. Since September 1, 2015, the course of neurosurgery has been allocated to a separate structural unit. At present, there is an opportunity to implement new requested scientific directions in the Neurosurgery course: Byvaltsev V.A. – oncological project of pathology of central and peripheral nervous systems, neuroendoscopy and neurotraumatology; Kalinin A.A. – traumatic injuries and degenerative diseases of the spine; Belykh E.G. – simulation education and vascular neurosurgery.*

*Active cooperation with professional societies and organizations is being carried out: Congress of Neurological Surgeons of America, European Association of Neurological Surgeons, European Society of Spinal Neurosurgeons, Asian Congress of Neurological Surgeons, Society of Vertebrologists of Russia, Association of Vertebrologists of the Irkutsk region, Baikal Society of Neurosurgeons. Several times a year, neurosurgery specialists conduct visits for presentations in various scientific and practical conferences in Russia and abroad. Postgraduate students, clinical residents and distinguished students have a unique opportunity to conduct foreign internships according to the official agreement on scientific and practical partnership in Fukui University (Japan) and Barrow Neurological Institute (Arizona, USA).*

*I am grateful to the administration of Yerevan State Medical University after M. Heratsi and the editorial staff of "The New Armenian Medical Journal" for the given opportunity to publish scientific articles presented by the staff of Neurosurgery course of the Department of Hospital Surgery of our University.*

*I hope that the first, but very profitable experience of scientific cooperation between our universities will serve as an incentive for further strengthening of scientific ties between Russia and Armenia.*

*Taking this opportunity, on behalf of the researchers, professors and students of Irkutsk State Medical University, accept our congratulations on the 10<sup>th</sup> anniversary of the foundation of YSMU scientific periodical – "The New Armenian Medical Journal" with the wishes of further creative successes to the editorial staff.*