

The history of the Department of Neurology and Neurosurgery at FPGE in Danylo Halyckyj LNMU



In 1985 the Department of Reflex Therapy and Neurosurgery at the Faculty of Doctor Postgraduate Education in Lviv State Medical University was organized based on two neurological and neurosurgical departments in Lviv Emergency Hospital.



The faculty of the newly organized department was the following: PhDs - Besedin V.M., Zastavna N.A., assistants - Andriyuk L.V., Pshyk S.S., Romanyuk P.G.

Lecturers of the newly organized department (from left to right:

Romanyuk P.G., Besedin V.M., Zastavna N.A., Shevaga V.M., Andriyuk L.V., Pshyk S.S.).

The Chief of the Department was Shevaga Volodymyr Mykolayovych., MD, PhD, who became a professor in 1988. In 1990, the Department was renamed to the Department of Neurology and Neurosurgery. In 1996 the professor Shevaga V.M. was given the title "Honoured Worker of Science and Technology in Ukraine".

In 1995 Bilobryn Mariya Stepanivna became an assistant of the Department, in 1998 – Payenok Anjelika Volodymyrivna, in 2001 poky – Got Rostyslav Ivanovych



And Oleksyuk Alla Grygorivna, in 2003 – Zadorozhna Bozhena Volodymyrivna, in 2006 – Netlyukh Andriy Myhaylovych, in 2007 – Yavorska Nataliya Petrivna, in 2008 –

Kulmatytskiy Andriy Volodymyrovych, in 2009 – Kukhlenko Olga Yaroslavivna, in 2012 – Kobyletskiy Oleg Yaroslavovych.

In 2009 the Chief of the Department became Payenok Anjelika Volodymyrivna, MD, PhD, who became a professor in 2011.

During different periods the following persons worked as assistants: Gevyak O.M., Solonro T.D., Omelchenko V.V., Bukhovtsev Y.P., Kozyavkin V.I., Tyutko A.O., Semchyshyn M.G.

Currently, the clinical sites of the Department of Neurology and Neurosurgery are neurological departments I, II and neurosurgical department in Lviv City Emergency Hospital and neurological and neurosurgical departments in City Clinical Hospital No.8 with the total number of beds 260.



Morning meeting

The faculty of the Department learn new progressive methods of diagnostic of pathology in central and peripheral system. Since 1998 the examination of microcirculation with bulbar microscopy using slit lamp has been performed; since 2000 – the examination of blood flow in main brain arteries and the examination of blood flow in various peripheral arteries with transcranial and extracranial dopplerography; since 2002 – electroencephalography; since 2005 – electromyography and since 2007 – echoencephalography.



Transcranial dopplerography is performed by doc. Zadorozhna B.V.



Electroencephalography is performed by as. Kukhlenko O. Y.



Electromyography is performed by as. Yavorska N.P.



Ехо-ецефалоскопія проводить ас. Кульматицький А.В.

In 2007 selective cerebral angiography and endovascular saccular aneurysm repair was established.



During performing of selective cerebral angiography (from left to right: doc. Netlyukh A.M., as. Kobyletskiy O.Y.)

The large biochemical laboratory was organized at the Department with a leading specialist Datchyshyn Nadiya Mykolayivna. In the laboratory, biochemical tests for

deoxyribonucleic and ribonucleic acids, activities of acid and base deoxyribonucleic and ribonucleic acids, compounds of mean molecular masses, values of lipid peroxidation, the amount of L-arginin in serum and nitrites in urine



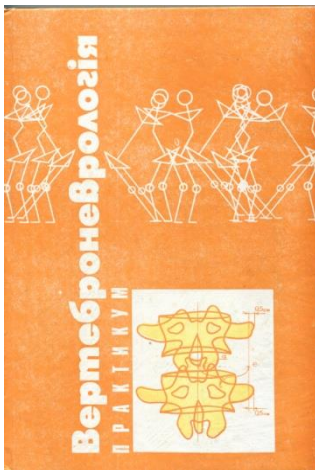
The faculty performs researches on main topic: "Investigation of neuropsychological features of brain injury and its subsequences. Development of automatic analysis of neuropsychological status of patients with brain injury", which is a part of State Program 'Medical help in brain injury' approved by MOH and , затвердженої спільним наказом МОЗ та AMS of Ukraine dated 11.08.2006 No. 556/52. One of the main result of this program is the development of computer program “Testing of cognitive function in humans”.



Department of neurology and neurosurgery contributed to the significant increase of surgical procedures for all types of neurosurgical pathology and the number of operations in Lviv State Emergency Hospital. Microsurgical interventions for the treatment of brain and spinal cord tumors, as well as injuries of peripheral nerves and spinal cord, pathology of intervertebral discs and in the treatment of long-term complications of traumatic spinal cord injury and pain syndromes were implemented in practice. Methods of frontal and posterior stabilization of the spine became widely used in surgical practice of neurosurgical departments. Two-step rehabilitation of patients with movement disorders after brain and spinal cord injuries, vascular lesions of the brain was implemented in practice. It made possible significantly reduce patients' stay in hospital and minimize postoperative complications and complications of spinal cord injuries.

Under the supervision of professor Shevaga V.M. research staff has got 20 utility patents, 5 copyright registration certificates, applied in practice 81

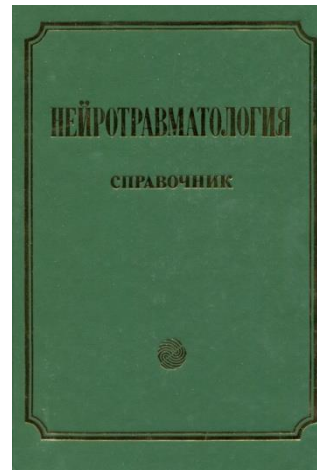
innovations, issued 7 textbook, 8 manuals, 23 monograph, 3 dictionaries, 4 handbooks, 18 bulletin, guidelines and a lot of medical literature.



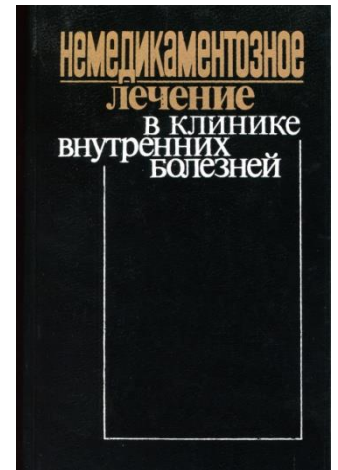
1992



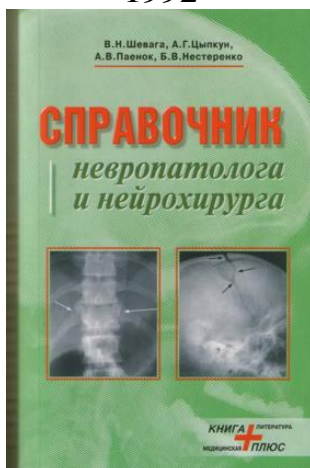
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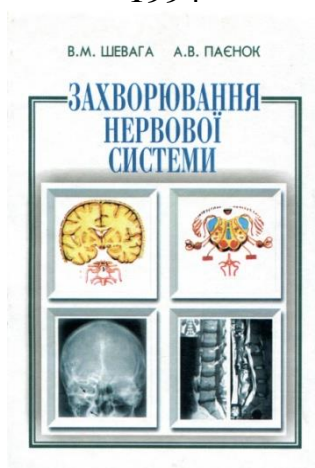
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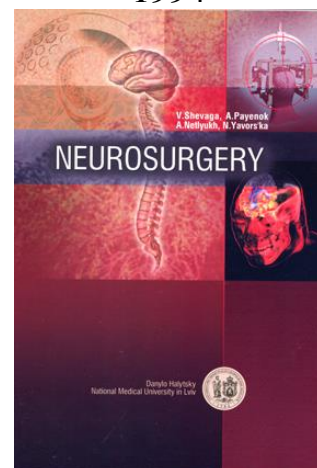
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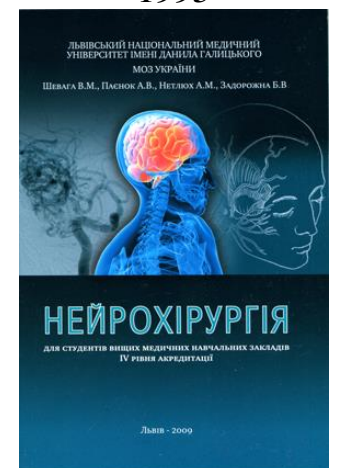
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2004



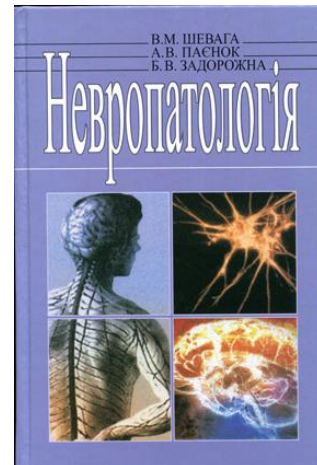
2007



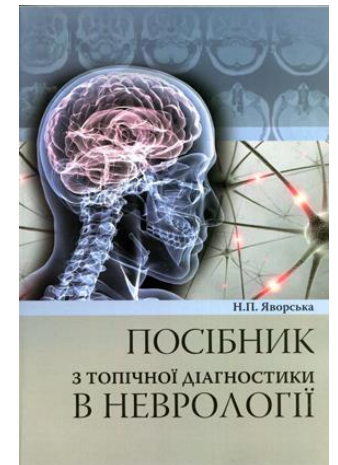
2009

The textbook «Neuropathology» (2010) (by Shevaga V.M., Payenok A.V., Zadorozhna B.V.) was on the list of the 12 most actual publications of publishing house “Medicine”.

Under the supervision of professor Shevaga V.M. at the Department and in neurological and neurosurgical departments



2010



2011



the large scientific researches are conducted which resulted in the defenses of 3 master's thesis (Kropyvnytskiy I.V., Netlyukh A.M., Melekh O.Y.), 21 PhD thesis (Andriyuk L.V., Pshyk S.S. (1987), Gevyuk O.M. (1990), Kozyavkin V.I. (1992), Omelchenko V.V. (1994), Payenok A.V. (1998), Voynarovska N.Y., Guk A.P. (2000), Dyakiv V.V. (2001), Oleksyuk A.G. (2003), Tyutko A.O., Netlyukh A.M. (2004), Bilobryn M.S., Zadorozhna B.V. (2005), Kobelev S.Y. (2006), Semchyshyn M.G. (2008), Yavorska N.P. (2009), Tyravska O.I. (2010), Kukhlenko O.Y., Saldan Z.V.,

Pshyk R.S. (2011)) and three thesis for a Doctor's degree (Pshyk S.S. (1995), Andriyuk L.V. (2006), Payenok A.V. (2008).

The department created a powerful neurological and neurosurgical school. Students of the school is Head of the Department of Neurology of Faculty of Dentistry, PhD, Professor Pshyk S.S., Head of the Department of Alternative Medicine of FPGE, PhD, Professor Andriyuk L.V., Head of Neurology and Neurosurgery, FPGE, PhD, Professor Payenok A.V., Hero of Ukraine, Director of the Institute for Medical Rehabilitation, a Corresponding Member of the Academy of Medical Sciences of Ukraine, PhD, Professor Kozyavkin V.I.

Employees of the Department actively participate in the work of numerous international conferences and congress on neurology and neurosurgery.



28th European Stroke Conference, Stockholm, Sweden (2009),
prof. Shevaga V.M.



EFNS Congress, Budapest, Hungary (2011), Prof. Chlonkovska A. (Poland), Prof. Payenok A.V.



21th EFNS Congress, Lisbon, Portugal (2011) Prof. Шевара V.M., Prof. Klimenko T.M. (Kharkiv)

The Department organized the 1th Ukrainian Congress for reflex and manual therapists (1992), two plenary sessions of Ukrainian Neurosurgery Society (1986, 1995), I Scientific Conference of Neurologists and Neurosurgeons in Western Ukraine (2003) with European Society of Neurosonography and Cerebral Haemodynamics (2009).



Organizing committee of International Teaching Courses in Lviv (2009) (from left to right) as. O.Kukhlenko, prof. N.Bornstein (Ізраїль), prof. V.Shevaga, doc. B.Zadorozhna, prof. Laszlo Csiba (Hungary))

In 2011 European Federation of Neurological Societies (EFNS) with help of the department faculty performed the Regional Teaching Course "Actual problems on neurology" with 270 participants from 50 Ukrainian cities, 10 participants from Moldavia and 1 Litva.



Lecturers of EFNS Regional Teaching Course in Lviv (2010) (in the center (from left to right the first line: prof. D.Kompf (Germany), prof. N.Bornstein (Israel), prof. K.Bhatia (UK), prof. G.Stefan (Germany), prof. V.Shevaga, prof. A.Payenok, the second line: prof. J.DeReuck (Belgium), prof. Y.VanHilten (Netherlands).

Currently, at the Department two Doctors of Science (prof. Shevaga V.M. and prof. Payenok A.V.), six PhDs (doc. Bilobryn M.S., doc. Zadorozhna B.V., doc. Netlyukh A.M., as. Yavorska N.P., as. Kukhlenko O.Y.) and three assistants (Kulmatytskiy A.V., Kobyletskiy O.Y., Kukhlenko R.V.).