

Curriculum Vitae

NAZAR VASYLIV, MD, MSc, PhD candidate

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Professional Summary:

August 2014- August 2020, Completion of Neurosurgery training at Romodanov Institute of Neurosurgery, Kyiv, Ukraine.

September 2020- August 2021 - Junior neurosurgeon at SI Romodanov Institute of Neurosurgery, Kyiv, Ukraine.

September 2021- September 2022, MSc in Cancer Research and Precision Oncology, University of Glasgow, Scotland. MSc Thesis manuscript 'Effect of photodynamic therapy on glioblastoma cell lines'.

October 2022- till present, PhD candidate, University of Edinburgh, Department of Clinical Brain Sciences with University of Glasgow affiliation, Wolfson Wohl Cancer Research Centre.

September 2024- till present, CEO "Global Alliance for Neurosurgical & Brain Cancer Research Innovations" (non-profit charity organisation)-
<https://www.neurocancerresearch.com>

Education and qualifications:

1. Medical diploma: **BA №47100043**, Ivano-Frankivsk National Medical University, Medical Department, Ukraine (2008- 2014).
2. Certificated in training at the department of Neurosurgery at Liv Hospital under the direction Prof. Talat Kiris (Istanbul) (05/27-28/2015).
3. European project on Development of Epilepsy Surgery Program (EPODES) Advanced I in Brno, Czech Republic (11-15 Jan 2016).
4. Fellowship programe in Fluorescein-guided neurosurgery at Liv Hospital under the direction of president of Turkish Neurological surgeons prof. Dr.Talat Kiris(11-24 March 2016, Istanbul).
5. Clinical neuro-oncology fellowship at Namik Kemal University "Yugulama ve Arastirma Merkezi"- (3rd-28th October, 2016) Tekirdag, Turkey.
6. European project on Development of Childen's Epilepsy Surgery Program (EPODES) Advanced II, Brno, Czech Republic (16-20 Jan 2017).
7. Clinical fellowship in neuro-oncology at Namik Kemal University "Yugulama ve Arastirma Merkezi"(15th of February - 15th of March, 2017) Tekirdag, Turkey.
8. International Basic Neurosurgery Course (March 15-19, 2017) Antalya, Turkey.
9. International Basic Neurosurgery Course (28th March-1st April, 2018) Antalya, Turkey.
10. WFNS skull-base fellowship in the department of Neurosurgery at Hinduja Hospital, Mumbai, India under the direction of world

vice-president of skull-base society Prof. Basant Misra (01.05.18-30.07.18).

11. Glasgow University, UK, MSc in Cancer research and precision oncology (Sep 2021-Sep 2022).

12. Clinical observership in neurosurgery (Queen Elizabeth Hospital), NHS Greater Glasgow and Clyde, Scotland, UK, May- June-2022.

13. Invited speaker and Scholar at European Society of Photobiology Congress (ESP-2023, Lyon, France, August 27th-31st)- “Novel approach in photodynamic therapy for glioblastoma cell lines”.

14. Scottish Centre for Simulation and Clinical Training (May-August, 2024) Forth Valley Royal Hospital (NHS), Scotland, UK.

Fields of interests:

- Cancer research
- Arterial aneurysms
- Arteriovenous malformations
- Endovascular neurosurgery
- Epilepsy surgery
- Movement disorders
- Neurooncology
- Spine surgery
- Image-Guided Surgery
- Human physiology and EEG

Languages:

Ukrainian: native.

English C2.

Greek: B2.

Memberships:

Active member of European Society of Photobiology.
American Association for Cancer Research.

Volunteer: Chief Editor for Medical and Research (MAR) journal -Neurosurgery section.

<https://www.medicalandresearch.com/journal/Journal-of-MAR-Neurology,-Neuro-surgery-and-Psychology>

Publications:

1. Kostiantyn Kostiuk, Yurii Medvedev, Andrii Popov, Maksim Shevelov, Valeriy Cheburakhin, Vasyliv Nazar, Victor Lomadze, Sergei Dichko (Ukraine) - Stereotactic lesional interventions for Parkinson's disease: an experience of 465 patients.// XXII Congress of European Society for Stereotactic and Functional Neurosurgery. -Madrid, Spain 2016- 28 Sep-1Oct.
2. Kostiantyn Kostiuk, Yuri Medvedev, Andriy Popov, Maxim Shevelov, Valerii Cheburakhin, Nazar Vasyliv, Victor Lomadze , Sergii Dichko- Stereo- tactic thalamotomy and contralateral pallidotomy for Parkinson's disease// WSSFN// Stereotact Funct Neurosurg- Berlin.Gemany 26-29 Jun. 2017;95(suppl 1):121.
3. Kostiuk K., Vasyliv N., Lomadze V. -Effectiveness of differentiated surgical treatment of severe forms of Parkinson's disease// Neurol. - 2016. - No 3. - p. 20-28.
4. Kostiuk K., Vasyliv N., et al.- Analysis of epileptic seizures after surgical treatment of pharmaco-resistant symptomatic epilepsy// Bulletin of epileptology.- K., 2017. N.1(47-48).- p. 57-60.

5. Kostiuk K., Vasyliv N., et al.-Our experience in treating of brain-stem abs- cences by stereotactic aspiration //VI congress of neurosurgeons of Ukraine. - Kharkiv, June 14-16, 2017: thesis - p. 8.
6. Cheburakhin VV, Dichko SM, Vasyliv NS, Kanaykin OM - Sur- gical treat- ment of severe forms of symptomatic epilepsy in children.- // VI Congress of Neurosurgeons of Ukraine.-Kharkiv, June 14-16, 2017: thesis - p. 126.
7. Kostyuk KR, Medvedev Yu. M., Shevelyov MM, Popov AA, Cheburakhin VV, Dichko SM, Kanaykin OM, Lomadze VL, Va- syliv NS . - The first experience of surgical treatment of symp- tomatic multifocal epilepsy // Current issues of brain gliomas: materials of scientific practice. conf. with international participa- tion- Lviv, 2015.- P. 89-90.
8. Kostyuk KR, Glavatsky O. Ya., Malysheva TA, Chernenko OG, Medvedev Yu. M., Shevelyov MM, Popov AO, Cheburakhin VV, Dichko S M., Vasyliv NS, Lomadze VL - The value of stereotact- ic surgical interventions in the diagnosis and treatment of focal lesions of the brain // Current issues of brain gliomas: materials of scientific practice. conf. with international participation- Lviv, 2015.- P. 25.
9. Kostyuk KR, Medvedev Yu. M., Shevelev MM, Popov AO, Cheburakhin VV, Dichko SM, Lomadze VL, Vasyliv NS - The effectiveness of surgical treatment of extrapyramidal motor dis- orders by radiofrequency destruction // I Rus. Congress of Func- tional and Stereotactic Neurosurgeons, March 17-18, 2016. M., 2016.- P. 32.
- 10.Kostyuk KR, Medvedev Yu. M., Popov AO Shevelev MM, Cheburakhin VV, Dichko SM, Lomadze VL, Vasyliv NS - Our ex- perience of surgical treatment of symptomatic multifocal

epilepsy // I Rus. Congress of Functional and Stereotactic Neurosurgeons, March 17-18, 2016. M., 2016.- P. 31.

11.Kostyuk KR, Medvedev YM, Shevelyov MM, Popov AO, Cheburakhin VV, Dichko SM, Kanaykin OM, Vasyliv NS - Modern aspects of surgical

treatment of epilepsy in different age groups // Bulletin of epileptology .- K., 20.04.2016. Issue 1 (45-46) .— pp. 91-95.

12.Kostyuk KR, Vasyliv NS, Lomadze VL - Stereotactic thalamotomy and contralateral pallidotomy in the treatment of Parkinson's disease // Coll. Science. works of NMAPE employees. PL Shupik. - K., 2016. - Vip. 25. p.298- 305.

13.Kostyuk KR, Medvedev Yu. M., Shevelyov MM, Popov AA, Cheburakhin VV, Dichko SM, Vasyliv NS, Lomadze VL - Stereotactic radio frequency pallidotomy in the treatment of Parkinson's disease // Nauk. practice. conf. of Neurosurgeons of Ukraine with International participation "Traumatic injuries of the central and peripheral nervous system", Kamyanets-Podilsky September 15-16, 2016: thesis add. - P. 11

14.Kostyuk KR, Glavatsky O. Ya., Medvedev Yu. M., Shevelyov MM, Popov AO, Cheburakhin VV, Dichko SM, Malysheva TA, Chernenko O G., Tkachyk IP, Vasyliv NS - Treatment of intracerebral abscesses by stereotactic aspiration // Joint Conference of Neurosurgeons and Otorhinolaryngologists "Actual Problems of Neurosurgery and Otorhinolaryngology" in the framework of the 25th International Exhibition "Health Care", Kyiv, October 5, 2016. Program. These add. - P. 24.

15.Nazar Vasyliv- Is bilateral ablative surgery for Parkinson's disease still effective? Long-term follow-up control study of 394 patients, Nov 2023, DOI: [10.5281/zenodo.10066988](https://doi.org/10.5281/zenodo.10066988)

16.Nazar Vasyliv, Karin Williams. Photodynamic therapy improves therapeutic management of glioblastoma. In: Proceedings of the American Association for Cancer Research Annual Meeting 2024; Part 1(Abstracts); 2024 Apr 5-10; San Diego, CA. Philadelphia (PA): AACR; Cancer Res 2024;84(6_Suppl): 7593.

17. Nazar Vasylyv. (2024). Targeting Glioblastoma: Inducing Necroptosis molecular pathway Post-Photodynamic Therapy for Enhanced Neurosurgical and Therapeutic Outcomes. Medical and Research Publications. <https://zenodo.org/records/13805269>