

## Ukrainian League Against Epilepsy 2021-2022 Report

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*Officer Election Date: 23 April 2021*

### ACTIVITIES AND ACCOMPLISHMENTS

- Webinars in 2021: 19 January 2021, 2 February 2021, 16 February 2021, 16 March 2021, 30 March 2021, 20 May 2021, 25 May 2021, 1 June 2021, 15 June 2021, 29 June 21, 7 September 2021, 21 September 21, 5 October 21, 19 October 2021, 1 November 2021, 16 December 2021
- III Regional Ukrainian Congress: Controversies in neurology (debates of neurologists), 25-25 November 2021, Kyiv
- The ILAE classification of seizures and the epilepsies: Modification for seizures in the neonate. Position paper by the ILAE Task Force on Neonatal Seizures
- Management of epilepsy in pregnancy: A report from the International League Against Epilepsy Task Force on Women and Pregnancy
- Webinars in 2022: 8 February 2022, 22 February 2022, 28 April 2022, 17 May 2022, 7 June 2022, 21 June 2022, 27 July 2022, 13 September 2022, 4 October 2022, 08 November 2022, 22 November 2022, 13 December 2022
- Volodymyr Kharitonov's master class: Practical aspects of electroencephalography in the practice of an epileptology, 23 September 2022, Kyiv (offline/online, 157 participants)
- ILAE definition of the Idiopathic Generalized Epilepsy Syndromes: Position statement by the ILAE Task Force on Nosology and Definitions

- ILAE classification and definition of epilepsy syndromes with onset in neonates and infants
- Methodology for classification and definition of epilepsy syndromes with list of syndromes: Report of the ILAE Task Force on Nosology and Definitions



*Volodymyr Kharitonov's master class: Practical aspects of electroencephalography in the practice of an epileptology, 23 September 2022, Kyiv*

## **CHALLENGES FACED IN 2021 AND 2022**

- Main challenges stay in connection with lasting of COVID-19 pandemic.
- Critical low number of the ASM for treatment status epilepticus SE and other acute epilepsy conditions
- On 24 February 2022, a full-scale, terrible war broke out in many directions at once in Ukraine. The war has been accompanied by the destruction of civilian infrastructure. The health care system suffers from the damage and destruction of health care facilities, the medical supply system and logistics. In addition to the reduction of available resources in certain regions, the workload has increased due to the influx of victims. As a result, the provision of patients with antiseizure medication (ASM) has deteriorated significantly and in some regions has almost stopped. This caused an extremely large deficit in all regions of Ukraine for all drugs used. There was an urgency need to change the system for providing patients with epilepsy with antiepileptic drugs. The main problems that appeared in connection with the war and which required an extremely quick solutions are to assess the number of patients with epilepsy and the needs for ASM in Ukraine as a whole, to analyze the percentage of ASM taken in adult patients, in children, as well as the needs for drugs for emergency care.
- Critical low number of the ASM for treatment status epilepticus and other acute epilepsy conditions

## FUTURE PLANS FOR 2023

- Online webinars
  - Materials of the "9th International Course on Drug Resistant epilepsies", 24 January 2023
  - "PNES - an actual problem of epileptology and functional neurology", 7 February 2023
  - "Modern methods of neuroimaging in epilepsy", 21 February 2023
  - "Non-psychotic mental disorders in epilepsy – comorbidity and differential diagnosis", 14 March 2023
  - "Myoclonic epilepsies", 4 April 2023
  - "Materials of the Epilepsy Section of the CONY 2023 Congress", 16 May 2023
  - "Ketogenic diet in the treatment of epilepsy", 30 May 2023
  - "New classification of epileptic syndromes", 13 June 2023
  - "Movement disorders and epilepsy, differential diagnosis and comorbidity", 12 September 2023
  - "Proceedings of the 35th International Epilepsy Congress", 10 October 2023
  - "Genetic epilepsies (newborn and early age, childhood)", 24 October 2023
  - "Acute symptomatic attack", 28 November 2023
  - "New antiepileptic drugs - prospects for the treatment of epilepsy", 12 December 2023
- XXVII ULAE conference with international participation. 27-29 April 2023, Uzhhorod (offline/online)
- IV Regional Ukrainian Congress "Controversies in neurology", 16-17 November 2023, Kyiv (offline/online)

## RESEARCH AND PUBLISHED ARTICLES

- Kalko Kateryna, Dubenko Andriy, Drogovoz Svitlana, Soloviova Evgeniya, Horoshko Viktoriia, Voskoboinikova Viktoriia, Zhurenko Dmitriy, Berezniakov Andriy. Potential risks and pharmacological safety features of hypnotics. Music therapy as a non-drug way to improve sleep quality. *Pharmacology online*, Archives 2021, vol.2. P. 984-991
- Dubenko Andriy. [Crisis response in Ukraine: Securing medication and care for people with epilepsy through national and international efforts](#). *Epigraph* Vol. 24, Issue 2, Spring 2022.
- Dubenko Andriy, Volodymyr Kharytonov Helping your colleagues in Ukraine. *The Lancet Neurology* Vol. 21, Issue 6, P506, 2022
- Voitiuk Anna The importance of neuroimaging methods in the diagnosis of epilepsy in young men: literature review and own clinical case (2022), *EUREKA: Health Sciences*, Number 1, P 56 – 62
- Voitiuk A., Litovchenko T., Reproductive Dysfunction in Young Men with Epilepsy. *Archives in Neurology & Neuroscience* Vol 9, Issue 5, P 1 – 5.
- Luke D. Tomycz, Christopher Markosian; Igor Kurilets, Mykhailo Lovha, Oleksandra Kashyrina, Andrii Netliukh, Kostiantyn Kostiuk, Valeriy Cheburakhin, Jonathan Forbes,

Michael Cohen, Jefferson Miley, Matthew Geck, Anya Siryk, Taras Mykytyn, Andriy Dyakiv, Viktor Salo, Igor Yushchak, Mariya Soroka, Igor Kurilets, Jr. *The Co-Pilot Project: An International Neurosurgical Collaboration in Ukraine*. World Neurosurgery. – 2021. - No147: e491-e515. [doi.org/10.1016/j.wneu.2020.12.100](https://doi.org/10.1016/j.wneu.2020.12.100)

- K. R. Kostiuk, V. M. Buniakin, V. V. Cheburakhin et al. Surgical treatment for multifocal epilepsy. *Zaporozhye medical journal*. 2022, Volume 24. No. 1, January – February P70-78. DOI: 10.14739/2310-1210.2022.1.239499.
- Additional diagnostic techniques in neurology. CSF testing. Meningeal syndrome. Guidelines for extra-curricular independent work for students of medical, dental faculties and postgraduate. Lviv, Danylo Halytsky LNMU, 2021. 36 p.

## MEETINGS

- XXV ULAE annual conference: Evolution of epilepsy from the people to the frail age 22-24 April 2021, online, 1445 participants, international participation, 35 reports
- XXVI ULAE annual conference: Multidisciplinary approach in epileptology 20-22 October 2022, online, 416 participants, international participation, 34 reports

*Report submitted by Andriy Dubenko*