

## Epilepsy

### EPILEPSY SCENARIOS DURING SIMULATION MEDICAL TRAININGS FOR STUDENTS AND RESIDENTS.

**Mykhailo Pervak<sup>1</sup>**, Alexander Rogachevskyi<sup>1</sup>, Viacheslav Onyshchenko<sup>1</sup>,  
Olha Yehorenko<sup>1</sup>, Dmytro Karakonstantyn<sup>1</sup>

*Simulation Medical Technologies, Odessa National Medical University, Ukraine*

It's estimated that about 3.4 million people have active epilepsy nationwide — and more than 65 million globally. Additionally, about 1 in 26 people will develop epilepsy at some point during their lifetime.

In the Department of Simulation Medical Technologies of Odessa National Medical University, simulation trainings are conducted for students and residents (interns) of different specialties using high-fidelity simulation equipment and mannequins. One of the crucial scenarios is Epilepsy and Seizures.

In this regard, it is very important for students and interns to practice the skills associated with the seizures activity and learn to provide emergency care.

The number of students who took part in the study was 134, and the number of interns was 97. The assessment was carried out on a 100-point scale. At first, the practice of the scenario caused difficulties for senior students, the average mark after passing the scenario was -  $73.56 \pm 0.47$ . The interns' overall score was significantly better and amounted to -  $84.34 \pm 0.32$ . After completing the training cycle, detailed briefing, running through scenarios and debriefing, the assessment showed a significant improvement in student results -  $82.14 \pm 0.27$ , and a slight improvement in interns -  $87.45 \pm 0.45$ .

The assessment showed a significant increase in knowledge among students (10.45%) and insignificant among interns (3.56%) - this may be due to the experience of interns at clinical sites and initially high marks.

Thus, we can conclude about the importance of using practice-oriented scenarios for key diseases with widespread prevalence.

