

Comparison of satisfaction with postgraduate training in anaesthesiology in European countries and Ukraine: survey of more than 200 clinicians.

M.M. Pylypenko¹, I.V. Kyselova¹, S.I. Vorotyntsev², S.O. Dubrov³, Yu.Yu. Kobelyatsky⁴

¹ P.L. Shupyk National Medical Academy of Postgraduate Education, Kyiv, Ukraine

² Zaporizhzhya State Medical University, Zaporizhzhya, Ukraine

³ O.O. Bogomolets National Medical University, Kyiv, Ukraine

⁴ Dnipropetrovsk State Medical Academy, Dnipropetrovsk, Ukraine

Background and Goal of Study

One of the main features of the **Ukrainian** system of postgraduate **training** in anaesthesiology **is** its **extremely short duration – 2 years** compared to 4-6 years in the Europe.

The aim of our study is to **identify** and compare a **level of satisfaction in postgraduate training** and the readiness for independent working after residency among anaesthesiologists in Ukraine and in Europe.

Materials and Methods

During European Congress “Euroanaesthesia-2015” Ukrainian delegation participated in an educational project “National Village” and represented the system of postgraduate education in Ukraine.



Additionally, at the Ukrainian stand we offered delegates **a short survey, which consisted of 5 questions about their postgraduate training** (in each estimation was from 1 to 10 points). The same survey was conducted in Ukraine.

Short SURVEY
about anaesthesia-intensive care
residency training in your country

Background: Well known that in the 21-st century almost over the whole Europe residency in anaesthesiology lasts 6 years. In Ukraine residency still lasts 2 years but due to economic situation, it is hard to change this. We have interviewed Ukrainian anaesthesiologists about the term and satisfaction of their training in residency and received interesting results.

Aim: To look for a snapshot of the European anaesthesiologists' view on their residency and to compare with Ukrainian colleagues.

Methods: Please complete short, blinded survey. Thanks in advance!

Date _____ Country _____ City (town) _____

Year of entering in residency _____ Year of finishing residency _____

Are you working mainly in Operation Room (OR) _____ in ICU _____ or both _____ ?

1. Please provide a global evaluation note (from 1 : very poor to 10 : excellent) for the satisfaction of your residency training _____ Comment _____

2. Please estimate your readiness for independent work just after residency training (from 1 to 10) _____ Comment _____

3. If you would choose the term of your residency training HOW MANY YEARS you prefer to spend in the training? _____ Comment _____

4. Please imagine a situation (as it currently in Ukraine) where during your residency training you would not receive the salary but have to pay for your education by your own. How many years you WOULD PREFER to spend on the training IF YOU HAVE TO PAY YOUR OWN? _____ Comment _____

5. Do you agree that residency training should be separate for anaesthesiology and intensive care? _____ Comment _____

Thank you for your time and cooperation!

If you have any questions, comments or suggestions, please contact:
Assoc. Prof. Maksym Pylypenko, Kyiv, Ukraine maxpyl@yahoo.com

Results

Among **156 anaesthesiologists who were surveyed on ESA** congress, 105 were from Europe and 51 – guests from other continents. The control group consisted of **105 Ukrainian** clinicians.

Term of work in a specialty anaesthesiology including residency training was about $17,7 \pm 11,2$ years for European respondents and $15,0 \pm 8,7$ years for Ukrainian.

Term of their residency was indicated as an average 4,5 years by European doctors and 1,9 years by Ukrainian.

European anaesthesiologists have evaluated their **satisfaction from postgraduate training** as $7,8 \pm 1,8$ points on a 10-points scale, similar as **Ukrainian** ones – $7,5 \pm 2,0$ points.

The **readiness to independent working** along right **after finishing residency** was evaluated by **European doctors as $8,2 \pm 1,7$ points**, whereas the readiness of **Ukrainian** respondents was lower – $7,1 \pm 2,1$ ($p < 0,001$, t-test).

32% among **European** and only **18%** of **Ukrainian** doctors **preferred** to have the **separate residency in anaesthesiology** and in intensive therapy.

	Work in Operation Room (OR) only (% of respond.)	Work in both ICU and OR (% of respond.)	1.Satisfaction of your residency	2.Readiness for independent work	3.How many years are you ready to spend for training	4. If you pay for residency, how many years you prefer to spend in training IF YOU HAVE TO PAY YOUR OWN?	5.Do you agree with the separate residency on Anaesthesiology and Intensive Therapy (Yes, %)
ESA responders (M)	44%	53%	7,8	8,2	4,7	2,3	32%
Ukrainian responders (M)			7,5	7,1	2,8	2,2	18%

Discussion

The same level of satisfaction with postgraduate training in European countries and in Ukraine was a surprise for us, considering the difference of the duration of residency. It could be explained by some overestimation of the residency training satisfaction by Ukrainian doctors.

Slightly (but statistically significantly) higher level of readiness to independent working after residency of European doctors could justify longer duration of postgraduate training.



Conclusion

European anaesthesiologists have a longer duration of residency and their readiness to independent working after training is higher, but the satisfaction of postgraduate training are similar.

