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

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#### **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.

#### 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.)	residency	2.Readiness for independen t 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 Anaestesiology and Intensive Terapy (Yes, %)
ESA responders (M)	44%	53%	7,8	8,2	4,7	2,3	32%



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 interviewedUkrainian 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)
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Year of entering in residency \_\_\_\_\_ Year of finishing residency \_\_\_\_\_

Are you working	g mainly in Operatio	n Room (OR)	in ICU	or both	?
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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 1to 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 imaginea 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?

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, commens or suggestions, please contact: Assoc. Prof.MaksymPylypenko, Kyiv, Ukraine maxpyl@yahoo.com

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Ukrainian		75	71	20	<b>•</b> • •	18%	
responders (M)		c, /	/,1	2,8	Ζ,Ζ	1070	

## Discussion

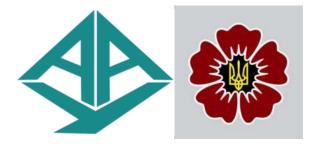
The same level of satisfaction with postgraduate training in European countries and in Ukraine was a surprise for us, considering the difference of the duration of residency. It could be explained by some overestimation of the residency training satisfaction by Ukrainian doctors.

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.



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