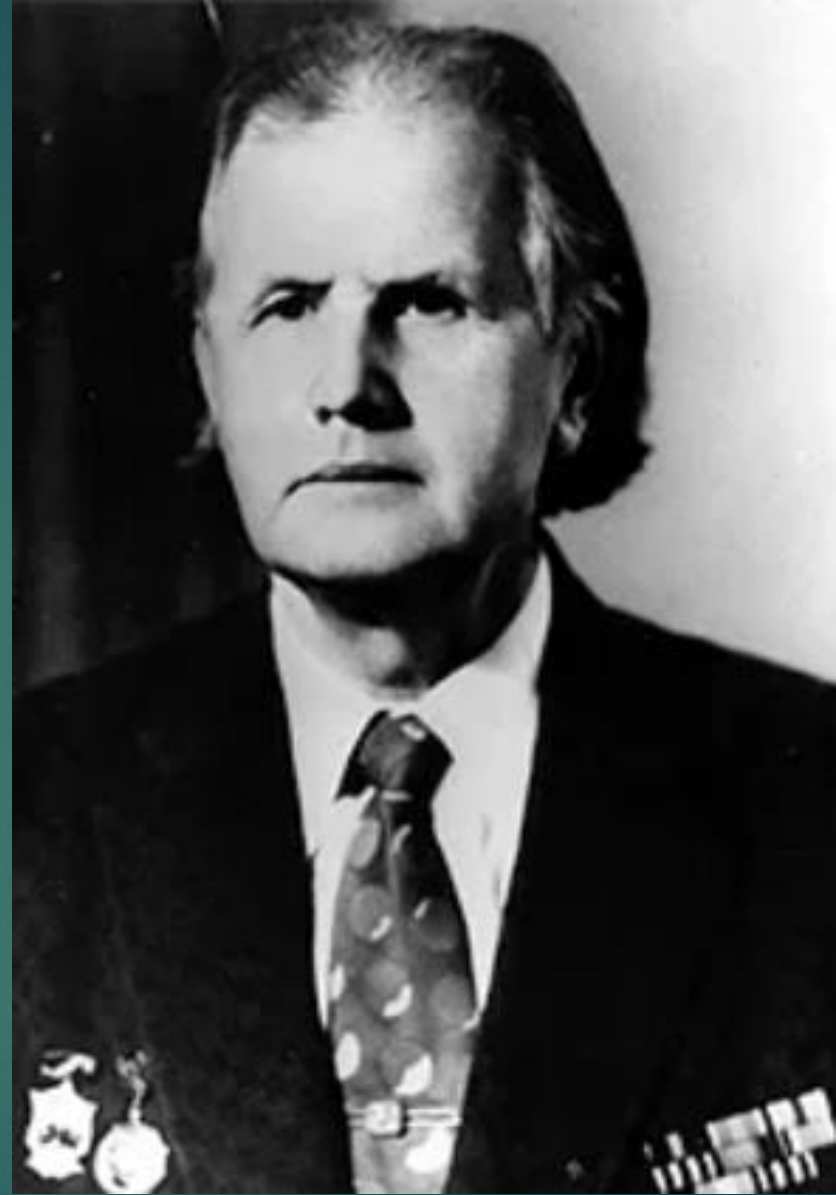


Misyuk  
Nikolay  
Semenovich  
(1919-1990)

\*

a prominent  
belarusian  
neurologist

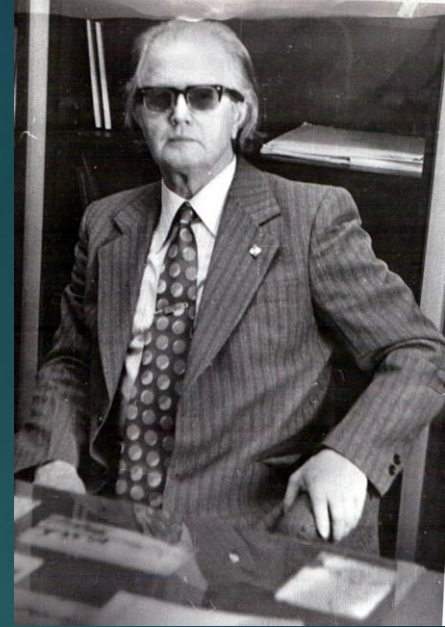


# Life Background Information

- ❖ Born in Kotlas, Arkhangelsk Region, in the family of a river shipping company operator. Father comes from Vitebsk region
- ❖ Graduated from high school with a gold medal
- ❖ In 1942 graduated with honors from the Leningrad Naval Medical Academy
- ❖ Immediately he was sent to the front as part of a Marine Corps brigade, worked as a surgeon in a medical and sanitary battalion, chief of a hospital on the Western and 2nd Belorussian fronts
- ❖ 1945-1948: Postgraduate studies in neurosurgery at the Leningrad Military Medical Academy

# Pedagogical activity

- ❖ 1948-1956: Assistant, Associate Professor of the Department of Nervous Diseases, Head of the Neurological Department of the Leningrad Institute for Advanced Medical Studies
- ❖ 1956-1960: Head of the Department of Nervous Diseases of the Arkhangelsk Medical Institute
- ❖ 1960-1989: Head of the Department of Nervous Diseases, Minsk Medical Institute
- ❖ Prepared 4 doctors and 32 candidates of medical sciences
- ❖ Author of a number of manuals, textbooks and teaching aids for doctors and medical students



# Scientific interests

- ❖ Terminal states in brain damage
- ❖ Stereotaxis of subcortical ganglia in diseases of the brain (the first in the USSR in 1949 to conducted a stereotaxic apparatus and performed a successful operation)
- ❖ Neurosurgical treatments for epilepsy
- ❖ Medical cybernetics, development and implementation of applied aspects of information theory and pattern recognition in clinical neuropathology. Diagnostics and prediction of strokes and brain tumors using a computer



# Climbing the academic Olympus

- ❖ Disciple of academician S. N. Davidenkov
- ❖ PhD thesis "On the treatment of arterial hypertension" (1948)
- ❖ Doctoral dissertation "Experience of intracerebral injection of drug substances" (1957)
- ❖ Corresponding Member of the Academy of Medical Sciences of the USSR (1969)

# Main works

*Author of over 250 scientific works, including 38 monographs and textbooks*

- ❖ Emergency Care for Acute Nervous Diseases (1959)
- ❖ Displacement and Infringement of the Brain Stem (1969)
- ❖ Fundamentals of Mathematical Forecasting of Human Diseases (1972)
- ❖ Models of Human Brain Mechanisms (1973)
- ❖ Computer in the Diagnosis of Nervous Diseases (1978)
- ❖ Nervous Diseases (Fundamentals of Topical Diagnostics) (1984)
- ❖ Nervous Diseases (Clinics and Treatment) (1985)

# Posts and awards

- ❖ Member of the expert commission of the Higher Attestation Commission of the USSR
- ❖ Member of the Presidium of the All-Union Society of Neuropathologists
- ❖ Chairman of the Commission on Medical Cybernetics of the All-Union Society of Neuropathologists
- ❖ Chief neuropathologist of the Ministry of Health of the BSSR
- ❖ Awarded with two military orders (Order Red Star, Order of the Patriotic War II degree), medals
- ❖ Certificate of honor of the Supreme Soviet of the BSSR (1969)

# Hobbies

- ❖ From school-days he was fond of chess.  
He headed the Chess Federation of the BSSR,  
with his participation the Chess Palace was built  
(now the Republican Center for Olympic Training in Chess  
and Drafts, Minsk, K. Marx St., 10)
- ❖ Collected icons and paintings
- ❖ Author of the story "An Urgent Call" about the life  
of neurologists, neurosurgeons, scientific research,  
fight a serious disease

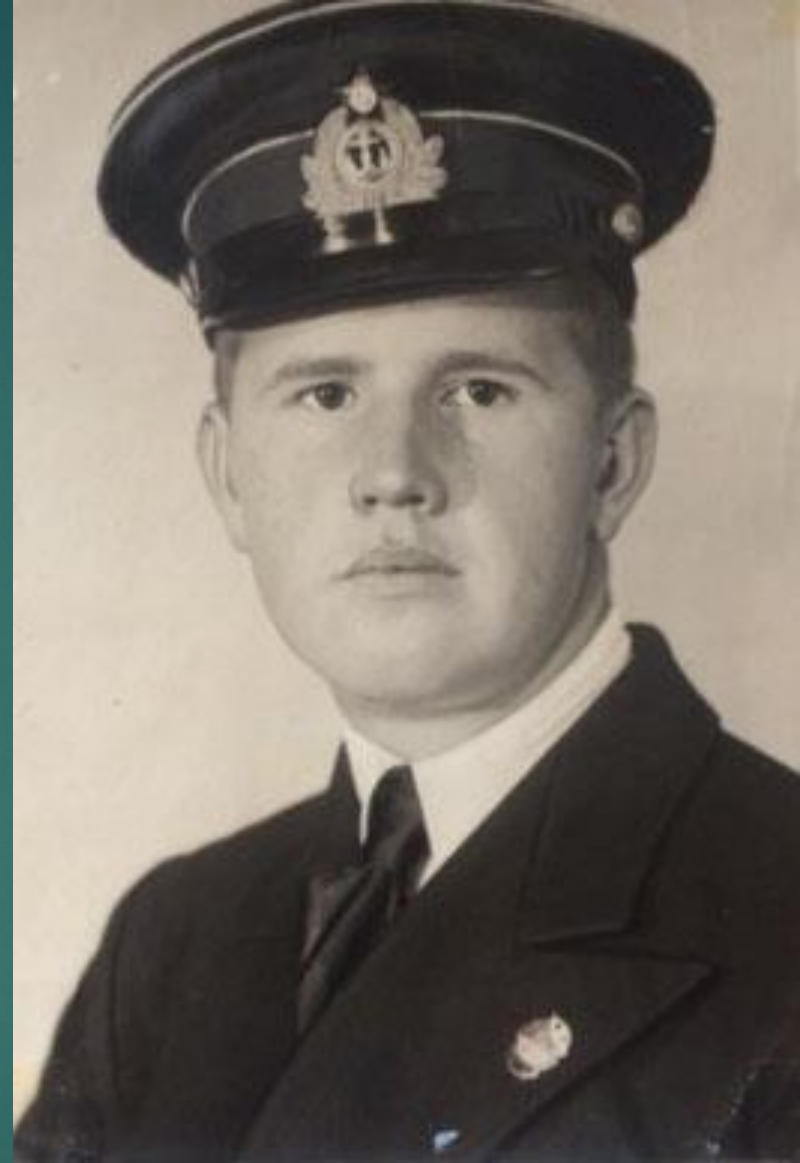


# N.S.Misyuk as a person

According to the memories of fellow soldiers, N.S.Misyuk was exceptionally purposeful. So, passionately dreaming of entering the postgraduate course in neurosurgery, even during the bombing and artillery attacks in the dugout, he did not stop studying the English textbook for the entrance exam

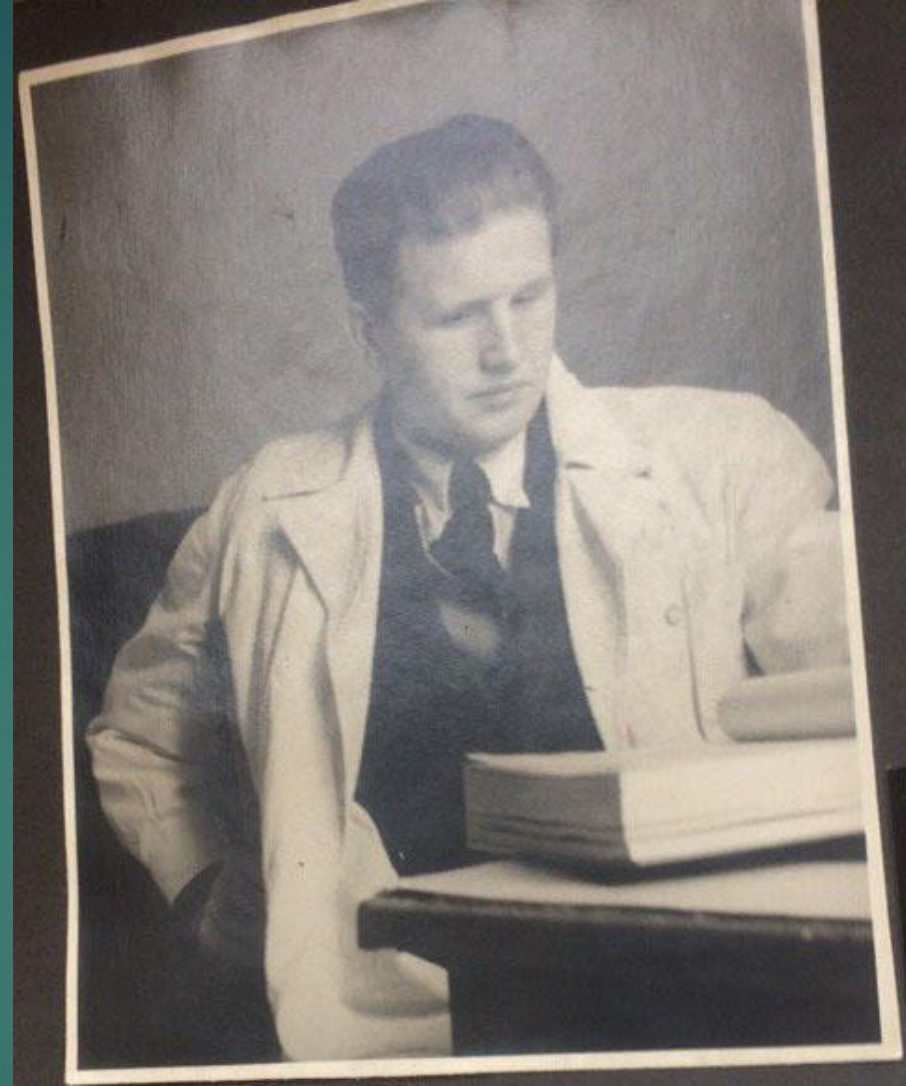
# Here is how N.S.Misyuk signed a photo from a family album:

It's me. I am 20 years old. Brave student of the Naval Medical Academy. I was given the badge "Excellent Worker of the USSR Navy". It was pinned on the side of my jacket, and my photo placed on the Board of Fame. They also awarded me a Stalin's scholarship (there was such a one in the past). But fame is short-lived. The badge was stolen, the photo was taken. A scholarship too.



## Another signature:

This is also me. I am 34 years old. I sit and leaf through my doctoral dissertation. Four months it will be checked by my teacher, whom I respect, and 8 months by the one I love. For a year it will be in the Scientific Council of GIDUV. But April 13, 1956 will come, and I will defend it. I'm lucky because no one will agree to defend on this day.

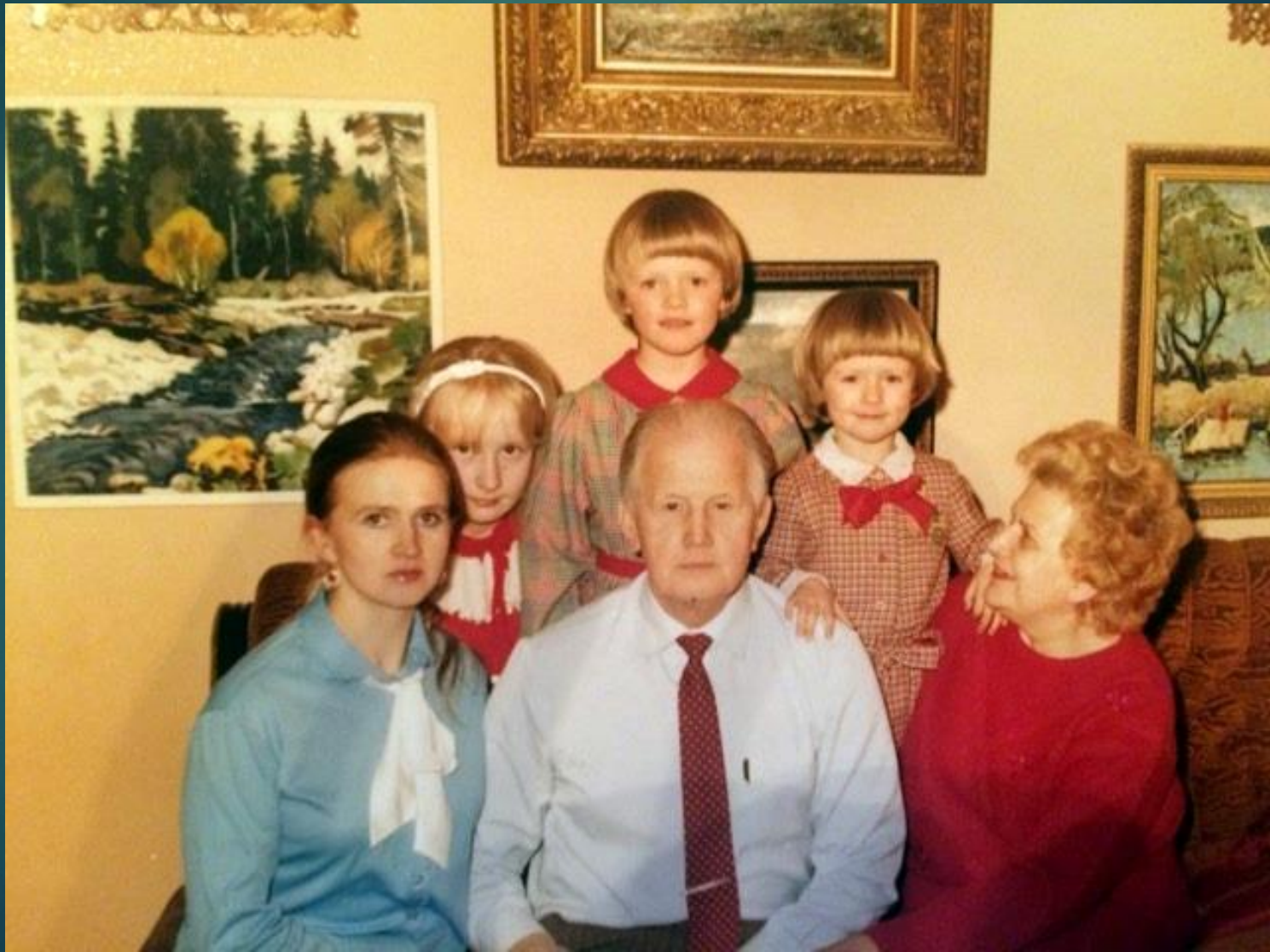


## And another one:

And here I am too. I am 48 years old. I stand at the table in my office. He is humble and small. Apparently, this is good, modesty adorns a person. This also applies to me to a certain extent. I pose for a "magnitude" of indeterminate scale. Actually, I am the head of the Department of Nervous Diseases of the Minsk State Medical Institute. They say this also means something. Let's suppose.



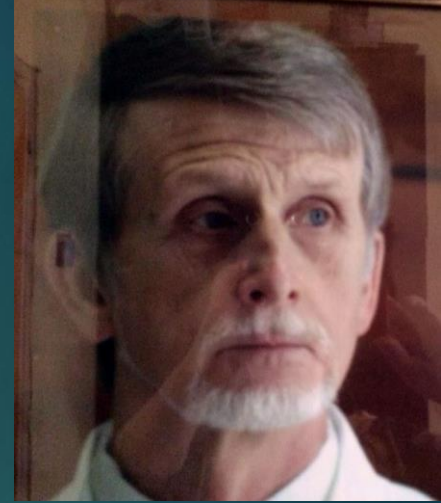
# In the family



# Children

N.S.Misyuk's children chose the profession of their father

- ❖ Son, Nikolay Nikolaevich Misyuk, PhD in Medicine, specialist in functional EEG diagnostics (Minsk)
- ❖ Daughter, Olga Nikolaevna Polyanskaya, PhD in Medicine, Head of the Data Coordination Center of the Belarusian-American Chernobyl Project (Minsk)



Misyuk Nikolay Nikolaevich



Polonskaya Olga Nikolaevna