

Mikhail Perelman



29 March 2013 was a day of real mourning for all Russian thoracic surgeons - our Teacher, our Great Father, Academician Mikhail Perelman had died

Mikhail Perelman was born 20 December 1924

He graduated from school 21 June 1941.

The next morning fascists attacked the Soviet Union.

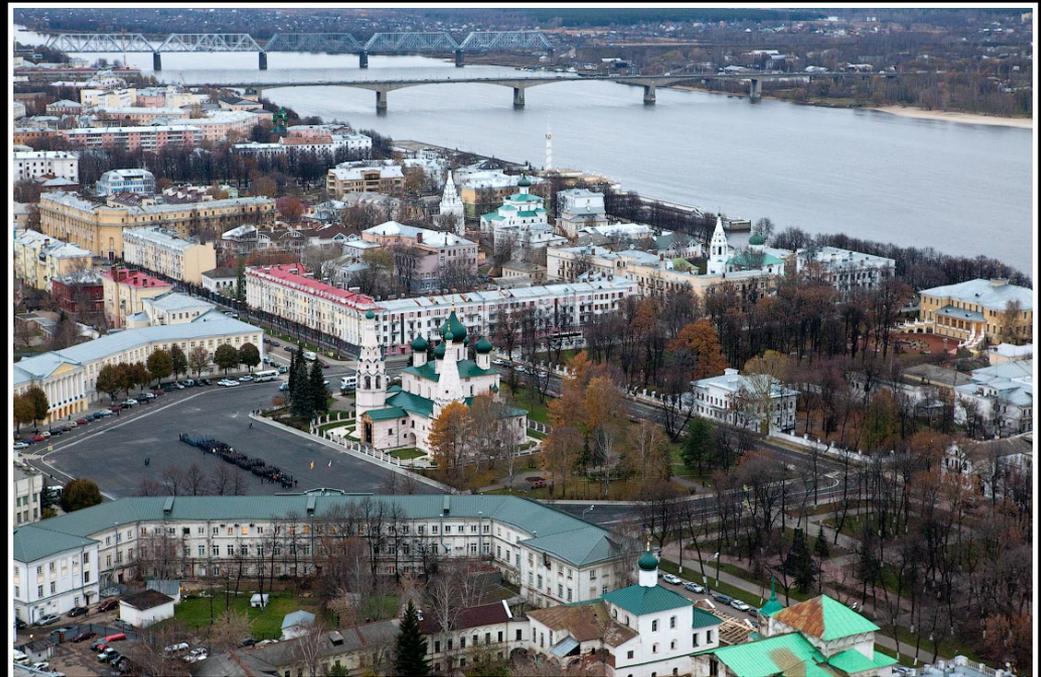


Perelman was evacuated and started his medical education in Siberia.



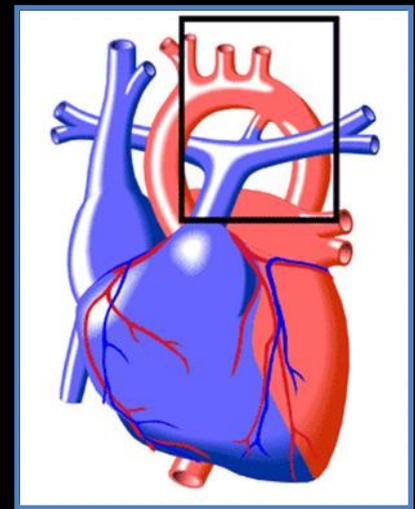
Mikhail Perelman, 1945

He graduated from the Medical Institute in June 1945 in Jaroslavl and started his work as a general surgeon. He was interested in stomach surgery and the ideas of Rene Leriche about physiological surgery. The result of this passion was his PhD dissertation “Clinical and anatomical materials for Leriche’s operation” in 1947.



The view of Jaroslavl

Perelman's first step in the Cardio-Thoracic Surgery



Working in the library on his dissertation, he found the article of Robert Gross from Boston about the first case of successful ligation of the open Ductus Botalli. Perelman was interested in this and performed the first operation in the Soviet Union on 2 July 1949 under local anesthesia. He reported this case in the Medical Academy

14 ноября — понедельник
Вечернее заседание
Начало в 17 часов

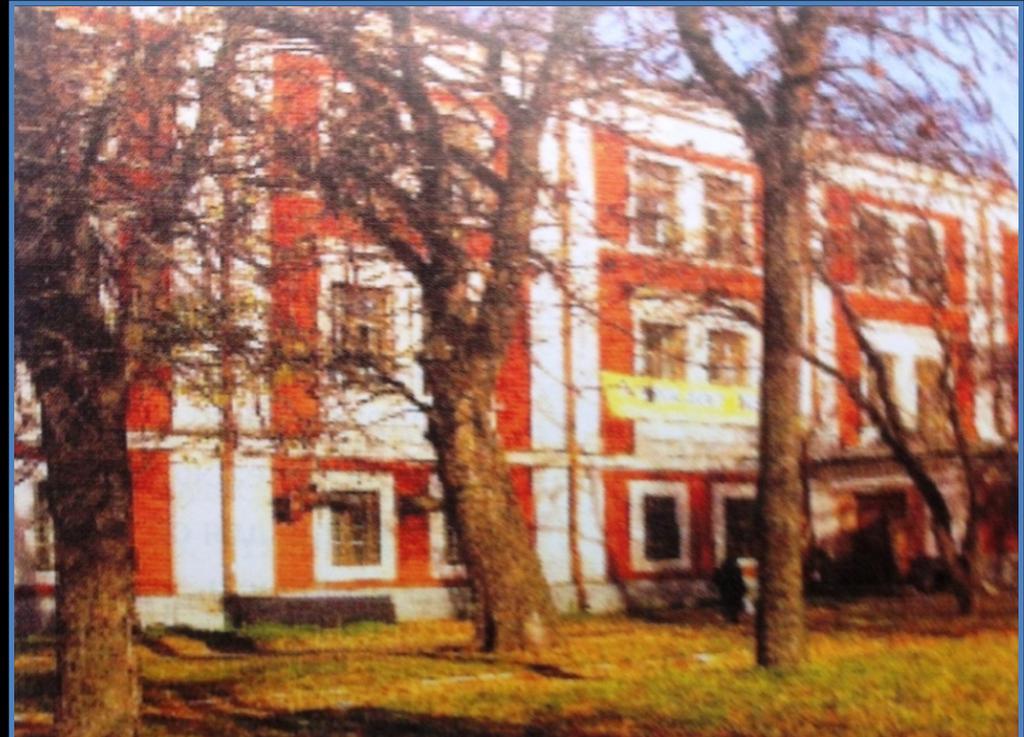
Грудная хирургия и местное обезболивание

Н. Г. СТОЙКО	Значение работ А. В. Вишневого в хирургии туберкулеза легких	20 мин.
Г. М. НОВИКОВ и СМЕРНОВА	Шейный вагосимпатический блок при травмах грудной клетки	15 мин.
Б. К. ОСИПОВ	Хирургия легких	—20 мин.
Б. А. ПЕТРОВ	Новый метод добавочной мобилизации тонкой кишки для искусственного пищевода	—20 мин.
А. М. КУДРЯВЦЕВА и Е. А. ПЕЧАТНИКОВА	Хирургическое лечение рака пищевода и кардии	—20 мин.
М. И. ПЕРЕЛЬМАН	Хирургическая анатомия Батаалова протока (с демонстрацией больной)	—15 мин.
Н. Я. ГАЛКИН	Топография Батаалова протока применительно к оперативным вмешательствам на нем	—15 мин.
В. М. СЕРГЕЕВ	Топография сосудов корня легкого применительно к операциям удаления легкого	—15 мин.

И. О. Директора Института хирургии
имени А. В. Вишневого АМН СССР
(Проф. А. А. ВИШНЕВСКИЙ)

Ученый секретарь Института
(И-р мед. наук С. П. ПРОТОПОПОВ)

Л50141 от 29/Х—49 г. Тип. Изд-ва АМН. Зак. 1865. Тир. 300.



The photo of hospital, where was performed first ligation of Ductus Botalli



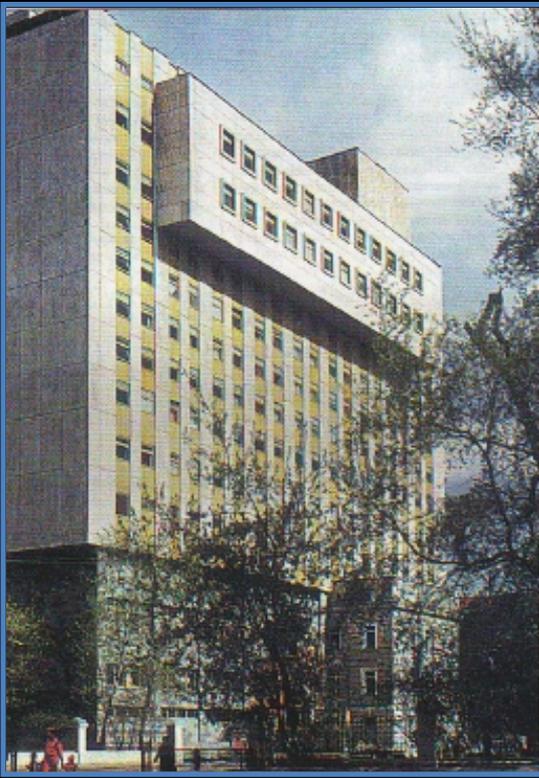
Photo of Thoracic Surgery Chair, 1955



In OR of TB-hospital, 1960

At 1955 Perelman moved to Moscow and started work as an Associate Professor at first in the USSR Thoracic surgery chair of the Central Medical Postgraduate Institute. Perelman started work on the theme of TB-surgery, one of the main themes in his life. 5 years ago he reported about results of 1000 lung resections in cases of tuberculosis and produced a Doctoral dissertation "Lung resection in the surgery of tuberculosis" in 1961.

From 1963 to 1981 Perelman worked in the Russian Centre of Surgery, under the supervision of Academician Boris Petrovsky.



Russian Centre of Surgery

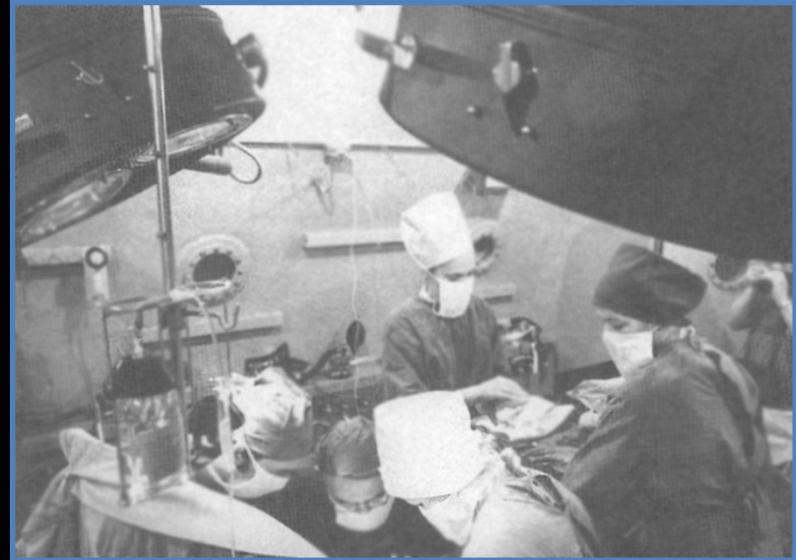
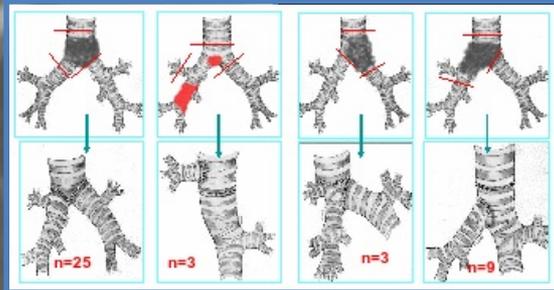
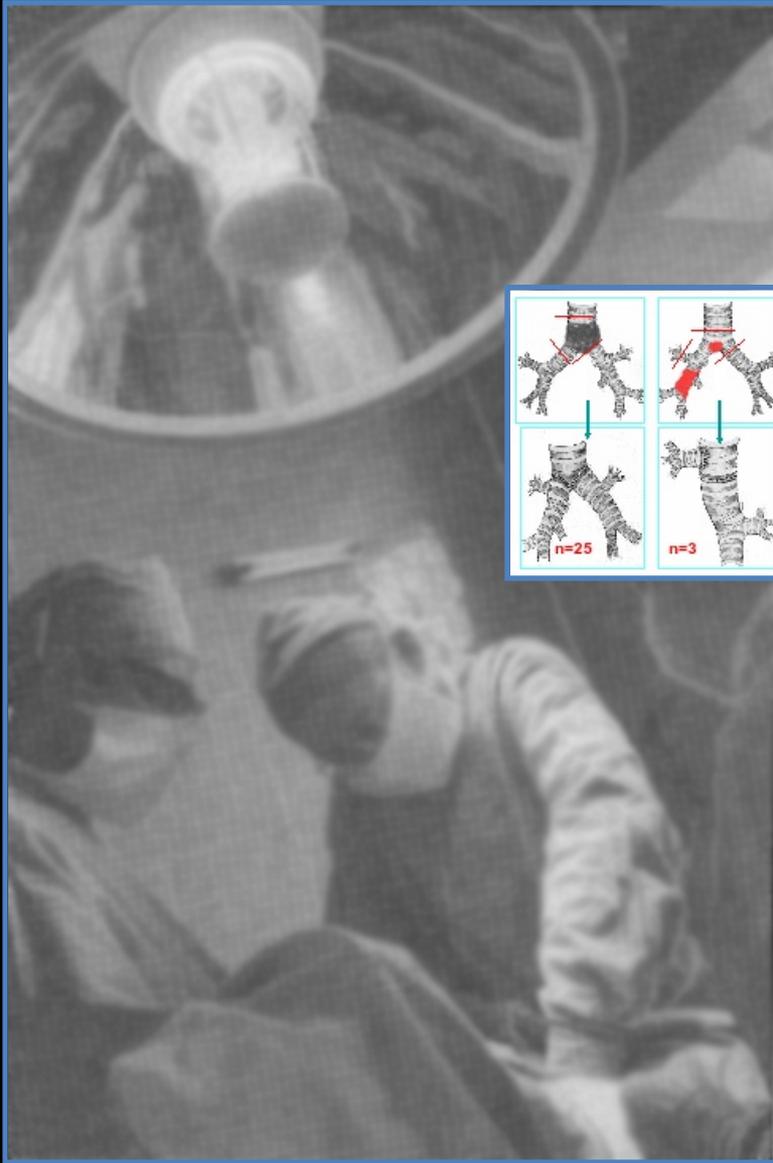


Mikhail Perelman, 1977



Before the operation with Academician Boris Petrovsky

It was the most creative and the most interesting of Perelman's years

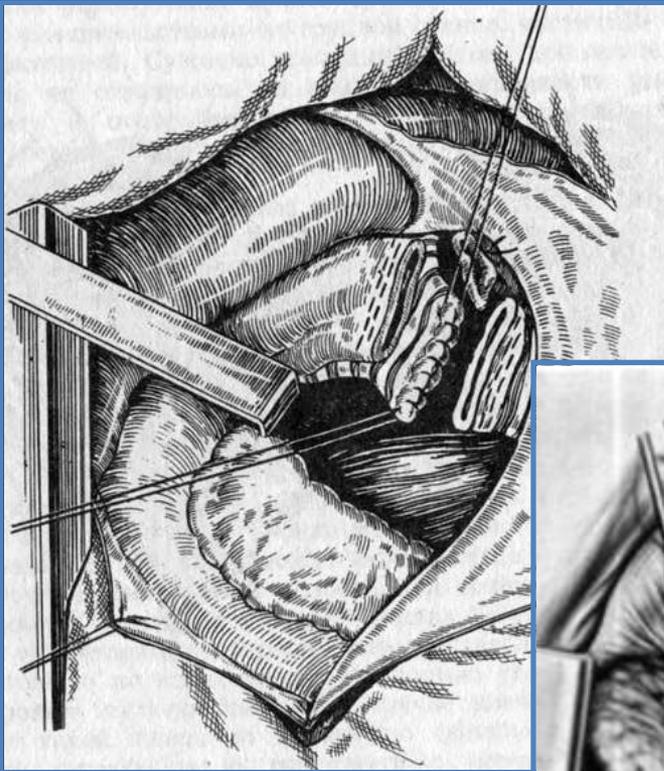


The first operations on trachea and bronchi in the Soviet Union

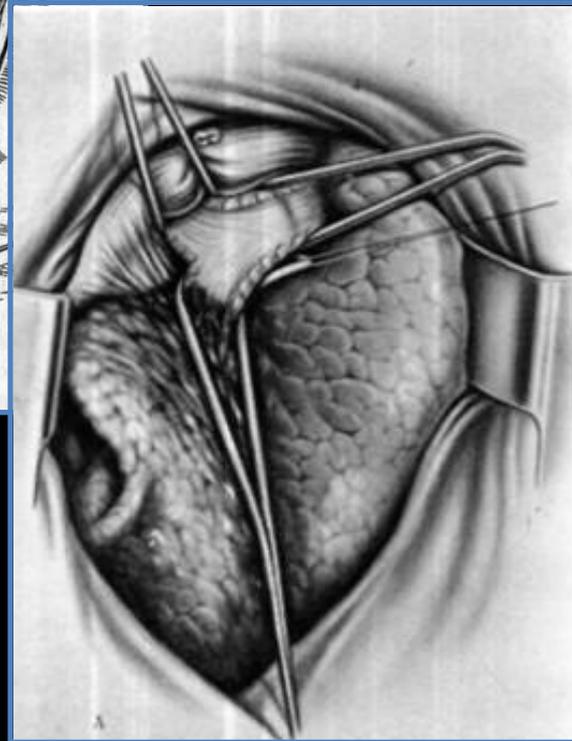
The first operations in high oxygen pressure chamber

It was the most creative and the most interesting of Perelman's years.

***The working out of the new approaches in case of
bronchial fistula***



Transsternal & parasternal



Controlateral



***The new way of
thoracotomy without wide
cutting of muscle***

***(Vensan Dor in his letter to
Philippe Nuarcler named it
"Russian" or "Perelman's"
thoracotomy)***

It was the most creative and the most interesting of Perelman's years.

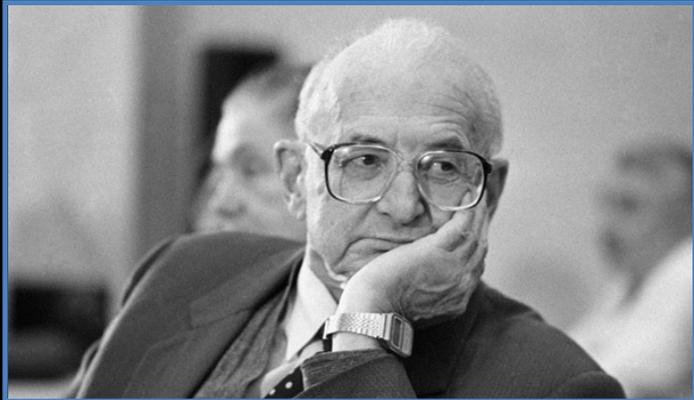


First experience in lung transplantation – initially experimental, then first transplantation of a lung lobe from mother to child

The most important articles of this period, which were published in international journals

- ✓ **Recision electrocautery for limited pulmonary resection. Coll: J.Cooper, T.Todd, R.Ginsberg, G.Patterson, G.Pearson // Ann. Thorac. Surg.- 1986.- v. 41, N 1, P.51-53**
- ✓ **Bronchopleural fistula: Surgery after pneumonectomy. Int. trends in general thoracic surgery.- Philadelphia: Sunders Co, 1986.- v. 2.- P.407-412**
- ✓ **Transpleuraler, transsternaler und kontrilateraler Zugzugang bei Operationen wegen Bronchialfistel nach Pneumonectomie / Thoraxchir.- 1970.- v. 18, N 1.- S.45-47**
- ✓ **Methods and technique of experimental autotransplantation of a lung lobe // J. Thorac. Cardiovasc. Surg.- 1970.- v. 59, N 2.- P. 275-282**
- ✓ **Autotransplantation (Reimplantation) der lunge im Experiment / Zschr. Experim. Chir.- 1970.- v. 3, N 2.- S. 98-108**
- ✓ **Surgery of the trachea // World J. Surg.- 1980.- v. 4, N 5.- P. 583-593**
- ✓ **Novel operative approaches in thoracic surgery / Congr. Soc. Ital. Chir. Thorac., 21st.- Ed. Int., 1978.- v. 66.- p. 55-64**
- ✓ **Benign tumors of the lung / Thorac. Surg. / Ed. N.Martini.- Mosby Comp.- 1989.- v. 5.- p. 313-325**

From 1982 to his death Perelman worked in the Russian Institute of Phthisiopulmonology as the Director



*Mikhail Perelman,
2000*



*Russian Institute of
Phthisiopulmonology*

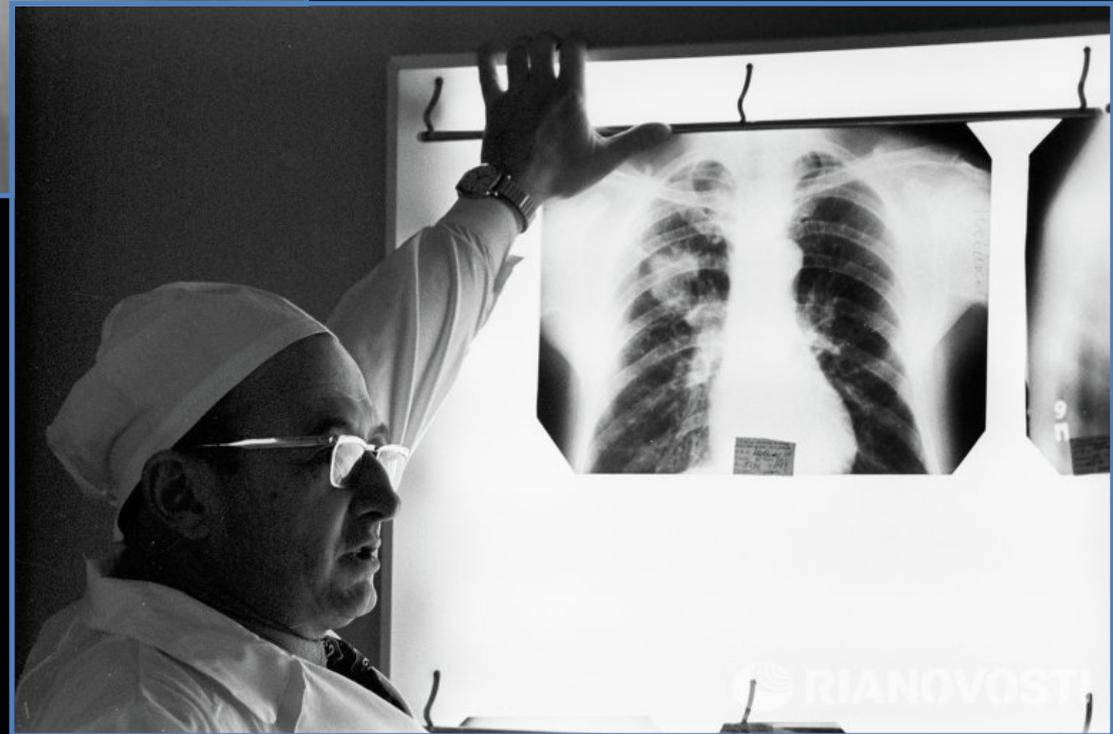


Until his death he was very active, constantly performed operations, wrote many articles and books, took part in many Russian and World Congresses, worked for health organisation in phthisiatry

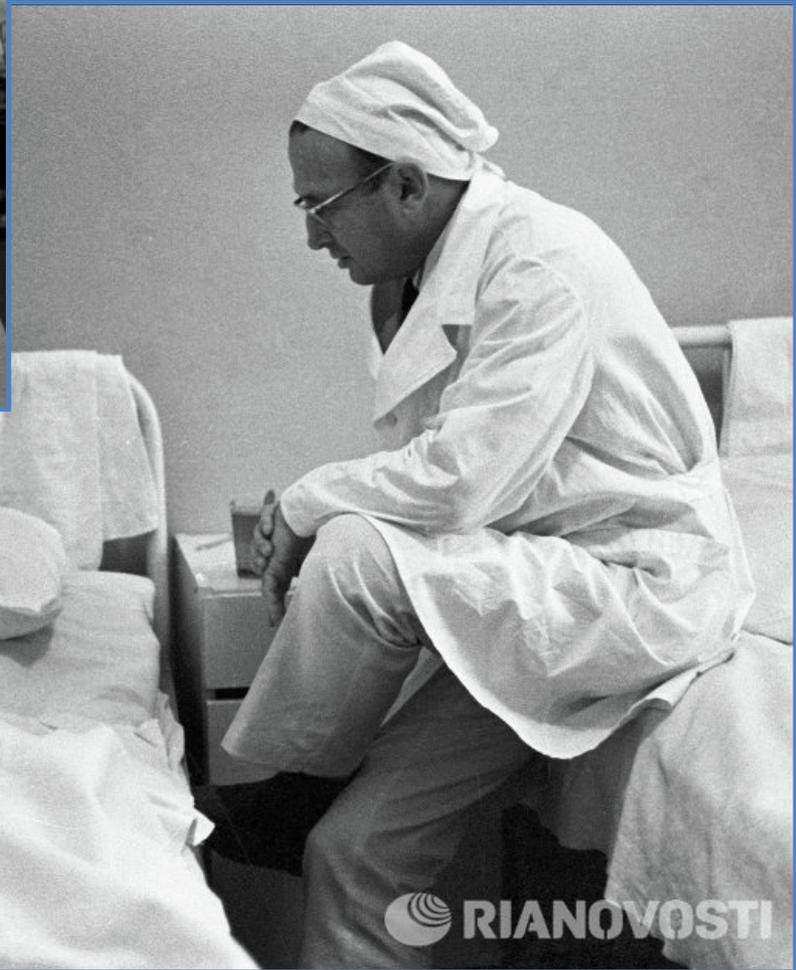
He was a Great Doctor



Look at this pictures – he was not just a surgeon, he was a Great Doctor



He was a Great Doctor



Look at this pictures – he was not just a surgeon, he was a Great Doctor

He was a Great Teacher



He liked teaching young surgeons and he was a supervisor of more than a 100 dissertations

He was a Great Scientist

Academician Perelman published:

Monographs – 24

Chapters in monographs – 32

Articles in encyclopedias – 35

Articles in journals – 263

Abstracts - 354

He discovered World Thoracic Surgery for Russia and Russian Thoracic Surgery for the World



*With Genry LeBrigan
and Philippe
Levasseur*



*With
Vensan
Dor*



*With Michael
Nuarcler*

He discovered World Thoracic Surgery for Russia and Russian Thoracic Surgery for the World



With Peter Goldstraw



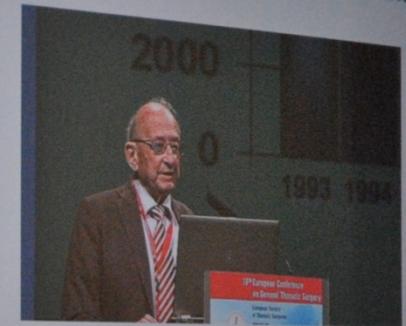
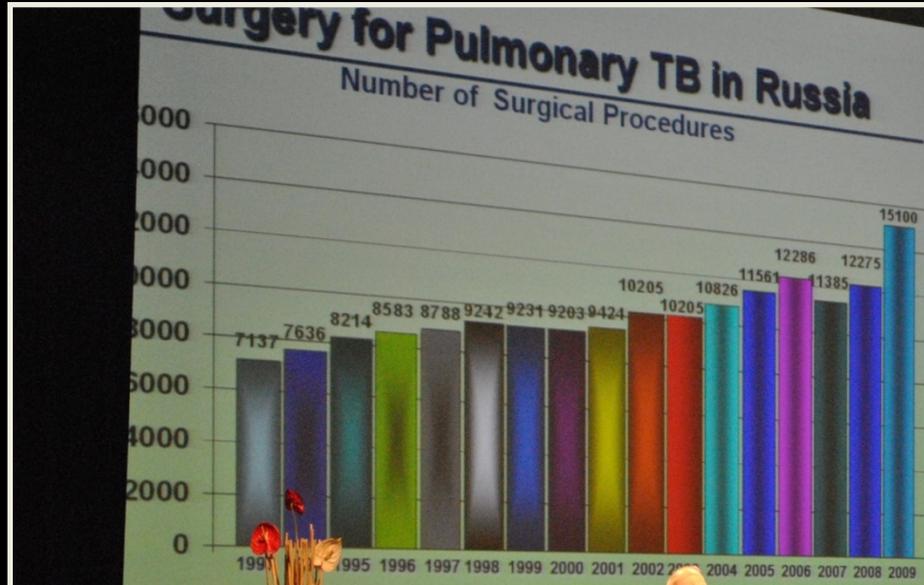
With Hermes Grillo



*With Joel
Cooper*

The important task of his life was the cooperation between Russian Surgeons and ESTS

Photos from Valladolid, where he was elected as Honorary Member of ESTS, and from Marseille, where he was a lecturer at the amazing session "Old Masters"



His very important task was the cooperation between National Thoracic Surgery Section of the Russian Surgical Society which he founded and ESTS

We all are standing on the shoulders of Giants...

Sir Isaac Newton

*Letter to Robert
Hooke Nov 15, 1676*

