

T. O. Kysilova

State Establishment «Dnipropetrovsk Medical Academy of Health Ministry of Ukraine»

CREATION OF DEPARTMENTS OF MEDICAL RADIOLOGY IN UKRAINIAN HIGHER MEDICAL INSTITUTIONS

Abstract

The use of X-rays for medical purposes has given doctors tremendous opportunities for visualizing the internal structure of a living organism. The biological effect of radiation, which laid the foundations of the corresponding therapeutic methods, was quickly investigated.

Despite the undeniable positive results of the use of X-rays, the medical community did not hasten to recognize the new direction and to recommend the X-ray to the list of compulsory medical disciplines. Similar processes took place in the Russian Empire, in which at that time was Ukraine. The decisive role had played by the lack of state support, mainly financial, in the inhibition of the X-ray methods introduction in broad medical practice.

Meanwhile, a small number of lectures or elements of radiology were sometimes included in the program of medical faculties and the course of university education. Medical X-ray classes in higher medical institutions were conducted at different departments (therapeutic, surgical, propedeutics of internal diseases).

In 1916, the first expert commission was established, which recognized as necessary to organize Radiology Departments and to introduce the medical X-ray in the list of permanent faculty teaching. A course program on X-ray was developed; however, the difficult political and economic situation prevented the implementation of the outlined plans.

After the establishment of Soviet power subsequent attempts were occurred to resolve the human resources issue in the field of medical X-ray in the Russian Empire territories, which was especially helped by the elimination of the old structure of the health organization and education and the creation of new institutions. At the initiative of the well-known radiologists, the process of the young specialist professional training organizing was created through the appropriate departments establishment within the higher medical educational institutions. During the past 16 years, 10 independent chairs of radiology have been organized: in medical institutions in Kiev (1920, Head. Department. Prof. F. Weber), Odessa (1922, Head. Department Prof. Y. M. Rosenblatt), Kharkov (1922, Head. Department Prof. A. Y. Sternmann), Dnipropetrovsk (1929, Head. Department Prof. B. G. Mikhailovsky), Stalinsky (1934, Head. Department Prof. M. K. Afanasyev) and in the Institute of Advanced Medical Education in Kharkov (1923, Head. Department. Prof. J. G. Shlifer), Odessa (1924, Head. Department. Prof. Y. M. Rosenblatt), Dnipropetrovsk (1930, Head. Department assistant professor I. Khlebnikov), Stalinsky (1932, Head. Department assistant professor M. K. Afanasyev), Kiev (1936, Head. Department assistant professor M. I. Shore).

The difficult economic situation (lack of reagents, lack equipment, textbooks, and faculty staff) and the lack of a clear plan and common training programs greatly affected the quality of training radiologists. Although attempt of quickly overcome the problem of qualified personnel shortage was failed, but strong Ukraine X-ray School began to form through perseverance and organizational skills of departments managers, which later gave not only for Ukraine but for the whole USSR many highly qualified scientific personnel and independent medical radiology professors.

Key words:

history of medical radiology, training of radiologists, radiology department, radiology in Ukraine

References

1. 85 rokiv. Dnipropetrovs'ka medy`chna akademiya [Tekst] / pid red. G. V. Dzyaka. – D. : RVA «Dnipro-VAL», 2001. – 816 s. (in Ukraine)

2. Adresno-dovidkova kny`ga «Ves` Xarkiv» na 1930 rik [Tekst]. – X. : Xarkrup, 1930. – 260 s. (in Ukraine)
3. A. Ju. Shternman (nekrolog) [Tekst] // Vestn. rentgenologii i radiologii. – 1932. – T. 11. – Vyp. 4. – S. 437–438. (in Russian)
4. Veksner, B. G. Iz rentgenologicheskoy praktiki [Tekst] / B. G. Veksner // Ekaterinoslav. med. zhurn. – 1926. – № 5–6. – S. 271. (in Russian)
5. Do 70-richchya kafedry` radiologiyi Dnipropetrovs`koyi medy`chnoyi akademiyi [Tekst] // Ukr. radiol. zhurn. – 1999. – № 7. – S. 459–460. – Dali : URZh. (in Ukraine)
6. Istoriya biblioteky` Xarkivs`koyi medy`chnoyi akademiyi pislyady`plomnoyi osvity` [Elektronny`j resurs] // Xarkiv. med. akademiya pislyady`plom. osvity`. – Rezhy`m dostupu : <http://med.edu.ua/ukr/category/library>. – Zagolovok z ekrana. (in Ukraine)
7. Karlova, N. A. Stanovlenie prepodavaniya rentgenologii i luchevoj diagnostiki na dodiplomnom urovne podgotovki vrachej v 20 veke [Tekst] / N. A. Karlova, M. G. Bojцова, Ja. P. Zorin // Ros. jelektron. zhurn. luchevoj diagnostiki. – 2011. – T. 1. – № 1. – S. 5–10. (in Russian)
8. Kafedra promenevoyi diagnosty`ky`, promenevoyi terapiyi ta radiacijnoyi medy`cy`ny` [Elektronny`j resurs] // Ukr. med. stomat. akademiya. – Rezhy`m dostupu : http://www.umsa.edu.ua/kaf_radiology.html. – Zagolovok z ekrana. (in Ukraine)
9. Kafedra radiologiyi ta radiacijnoyi medy`cy`ny` [Elektronny`j resurs]. – Rezhy`m dostupu : <http://www.nmu.edu.ua/kaf5-1.php>. – Zagolovok z ekrana. (in Ukraine)
10. Kacman, A. Ja. O prepodavanii rentgenologii i podgotovke vrachej-rentgenologov [Tekst] / A. Ja. Kacman // Vestn. rentgenologii i radiologii. – 1941. – № 2. – S. 95–104. (in Russian)
11. Kafedri radiologiyi Nacional`noyi medy`chnoyi akademiyi pislyady`plomnoyi osvity`im. P. L. Shupy`ka MOZ Ukrayiny` 70 rokiv [Tekst] // URZh. – 2006. – T. 14. – № 2. – S. 210–216. (in Ukraine)
12. Ky`sil`ova, T. O. Pershi rentgenology` Ukrayiny` chasiv radyans`koyi vlady`: Shy`k Yakiv L`vovy`ch [Tekst] / T. O. Ky`sil`ova // Dev'yatnadcyata Vseukr. nauk. konf. molody`x istory`kivnauky`, texnyky` ta osvity`: pry`svyachena 95-richnomu yuvileyu Nacz. Akad. nauk Ukrayiny`: Mat. konf., 18 kvit. 2104 r., m. Ky`yiv. – K., 2014. – S. 82–85. (in Ukraine)
13. Ky`sil`ova, T. O. Problemni py`tannya rentgenivs`koyi dopomogy` ta pidgotovky` specialistiv-rentgenologiv u 1920-ti roky` v Livoberezhnij Ukrayini [Tekst] / T. O. Ky`sil`ova // Visn. Nacz. texn. un-tu «Xarkiv. politexn. in.-t». Zb. nauk. pr. Ser.: Istoriya nauky` i texnyky`. – X., 2013. – № 10 (984). – S. 50–57. (in Ukraine)
14. Ky`sil`ova, T. O. Stanovlennya ta rozvy`tok medy`chnoyi rentgenologiyi v Livoberezhnij Ukrayini: 1896–1941 rr. [Tekst] : dy`s. ... kand. ist. nauk: 07.00.07 / Ky`sil`ova Tetyana Oleksiyivna. – D., 2015. – 272 s. (in Ukraine)
15. Kinoshenko, Yu. T. Do istoriyi kafedry` rentgenologiyi Xarkivs`kogo insty`tutu udoskonalennya likariv [Tekst] / Yu. T. Kinoshenko // URZh. – 1995. – № 3. – S. 67–68. (in Ukraine)
16. Lazar, A. P. Kafedra promenevoyi diagnosty`ky`, promenevoyi terapiyi Ukrayins`kogo derzhavnogo medy`chnogo universy`tetu [Tekst] / A. P. Lazar, V. I. Mil`ko // Tam samo. – 1995. – № 3. – S. 69. (in Ukraine)
17. Lindenbraten, L. D. Prepodavanie rentgenologii i radiologii v vysshih uchebnyh medicinskih zavedenijah (istoricheskij ocherk) [Tekst] / L. D. Lindenbraten // Med. radiologija. – 1990. – № 5. – S. 34–39. (in Russian)
18. Materialy po istorii rentgenologii v SSSR [Tekst] / pod red. S. A. Rejnberga. – M. : 6-ja tip. Transzheldorizdata, 1948. – 322 s. (in Russian)
19. Oficijny`j sajt Xarkivs`kogo nacional`nogo medy`chnogo universy`tetu [Elektronny`j resurs] / Kafedra radiologiyi ta radiacijnoyi medy`cy`ny`. – Rezhy`m dostupu: http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=231%3A2011-05-19-08-02-28&catid=7%3A2011-05-05-09-09-08&Itemid=27&lang=uk. – Zagolovok z ekrana. (in Ukraine)
20. Py`ly`penko, M. I. Nary`s istoriyi kafedry` radiologiyi Xarkivs`kogo derzhavnogo medy`chnogo universy`tetu [Tekst] / M. I. Py`ly`penko, E. P. Stepanov // URZh. – 1995. – № 3. – S. 65–66. (in Ukraine)
21. Pilipenko, N. I. Medicinskaja radiologija Har`kovshhiny [Tekst] / N. I. Pilipenko, N. O. Artamonova, E. K. Kononenko // Mezhdunar. med. zhurn. – 2004. – № 3. – S. 23–29. (in Russian)
22. Pozmogov, A. I. Iz istorii razvitija rentgenologii v Ukraine [Tekst] / A. I. Pozmogov // Vracheb. delo. – 1993. – № 10–12. – S. 114–117. (in Russian)

23. Poklitar, Ye. A. U rentgenologiyi vin buv pershy`m [Tekst] / Ye. A. Poklitar // URZh. – 2005. – T. 13. – № 4. – S. 608–612. (in Ukraine)
24. Polyak, M. S. Z istoriyi rozvy`tku rentgenologiyi v Donbasi [Tekst] / M. S. Polyak, M. S. Kamenez`ky`j // Tam samo. – 1996. – № 4. – S. 211–214. (in Ukraine)
25. Reznik, Z. I. Istorija rentgenovskoj sluzhby Dnepropetrovskoj oblasti [Tekst] / Z. I. Reznik // Mat. Dnepropet. mezhoblastn. nauch.-profilakt. konf. rentgenologov i radiologov. – D., 1965. – S. 103–105. (in Russian)
26. Spravochnik medicinskih i sanitarnyh uchrezhdenij g. Har`kova [Tekst] / [sost.: M. Nazarov, D. Binenbaum]. – H. : Izd-vo «Doma vracha» Har. med. o-va, 1938. – 356 s. (in Russian)
27. Tkachenko, M. M. Zarodzhennya ky`yivs`koyi radiologichnoyi shkoly`. Kafedra radiologiyi ta radiacijnoyi medy`cy`ny` nacional`nogo medy`chnogo universy`tetu imeni O. O. Bogomol`cya u 1917–1941 rokax [Tekst] / M. M. Tkachenko, T. V. Topchij // URZh. – 2009. – T. 17. – № 2. – S. 233–238. (in Ukraine)
28. Centr. derzh. arxiv vy`shhy`x organiv vlady` ta upravlinnya Ukrayiny`. – F. 342. Narodny`j komisariat oxorony` zdorov'ya URSS, m. Ky`yiv. – Op. 2. – Spr. 1648. Rezolyuciyi Vsesoyuznoyi narady` rentgenologiv (25–28 veresnya 1927 r.), 54 ark. [Tekst]. (in Ukraine)
29. Tam samo. – Spr. 1653. Materialy` I Vseukrayins`koyi narady` rentgenologiv (13–21 veresnya 1927 r.), 62 ark. [Tekst]. (in Ukraine)
30. Shestoj Vsesojuznyj s#ezd rentgenologov i radiologov [Tekst] // Vestn. rentgenologii i radiologii. – 1933. – T. 12. – № 1–2. – S. 84–92. (in Russian)
31. Jahnich, I. M. K istorii organizacii i razvitija kafedr rentgenologii i radiologii v medicinskih vuzah SSSR [Tekst] / I. M. Jahnich // Vestn. rentgenologii i radiologii. – 1970. – № 2. – S. 102–106. (in Russian)

Received in the editorial board 10.02.2015