

Importance of the Panoramic Microfocus X-ray Analysis in the Evaluation of the Dental Status and the Identification of the Conscripts

I. A. Klestova¹, A.Yu. Vasil'ev¹, N. N. Potrakhov²

¹ Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia, Department of Radiology

² Saint Petersburg Electrotechnical University «LETI» (ETU)

Abstract

The article presents the state of the art capabilities of the technology of microfocus shooting and the X-ray diagnostic devices target and panoramic type «Pardus-02» family, allowing to conduct mass screening X-ray research of the dentition of conscripts. The results of X-ray analysis performed by 300 young conscripts, and showed high diagnostic capabilities of panoramic microfocus intraoral X-ray study of dentition in the screening diagnostics of nidus of chronic odontogenic infection and evaluation of the dental status of conscripts, as well as study the use of X-ray findings in the identification of the individual. The suggested diagnostic algorithm makes it possible to optimize the process of screening X-ray examination of dentition of conscripts.

Key words: Panoramic Microfocus X-ray Analysis, Conscript, Screening, Dentition, Identification.

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Authors

Vasil'ev Aleksandr Yur'evich, M. D. Med., Professor, Corresponding Member of the Russian Academy of Sciences, Professor of Department of Radiology of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia.
Address: 9a, ul. Vucheticha, Moscow, 127206, Russia.
Phone number: +7 (495) 611-01-77. E-mail: auv62@mail.ru

Potrakhov Nikolay Nikolaevich, Doctor of Technical Sciences, Professor, Head of Electronic Instruments and Devices of Saint-Petersburg State Electrotechnical University (LETU)
Address: 5, ul. Professora Popova, St. Petersburg, 194017, Russia.
Phone number: +7 (812) 234-35-59. E-mail: nn@eltech-med.ru

Klestova Irina Anatol'evna, Postgraduate student of Department of Radiology of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia, Radiologist Training Center of the Western Military District of the Russian Federation Ministry of Defense.
Address: 6, 7/18 Yukkovskoe shosse, , St. Petersburg, 194362, Russia.
Phone number: +7 (911) 985-42-18. E-mail: iranat.007@yandex.ru