

ACTUAL STATE & SHORT TERM PERSPECTIVE OF MEDICAL IMAGING IN MOLDOVA

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83,7% of used in Moldova's public medico-sanitary institutions (PMSI) traditional radio-diagnostic equipment (TRDE) are superannuated. Their use decreases the quality of radio-diagnostics, increases exposure dose of patients to ionising radiation etc.

In the same time a significant progress in technologies of diagnostics and treatment of human body has been registered during last decades in the World. Medicine took many benefits from these technologies, especially in diagnostics of a large scale of human diseases. Being the initial process in providing a qualitative medical assistance, diagnostics of diseases in early stage, is very important in medical treatment.

At the moment some 80% of diseases are diagnosed using imagistic methods. Dotation of PMSI with advanced digital equipment has started for this reason in the Republic of Moldova. There are 52 units of digital radio-diagnostic equipment, including 9 computer tomography in operation in Chisinau and Belts municipalities, as well as in Causeni, Comrat, Edinets and Orhei district's centres. A positron tomographic device has been recently installed in Republican Clinical Hospital. 8 imagistic installations with magnetic resonance, one digital mobile device for preventive mammography, several dozens of echography apparatus were procured for municipalities of Chisinau and Belts.

Digitalisation brings several benefits: rises diagnostic capacities and 8 times reduces the ionising radiation dose to the public etc. Immediate perspectives of medical imagistic in Moldova are very promising at the moment. A range of methods for implementation of new technologies in imagistic are planned to be carried out in Moldova; dotation with modern equipment and multilateral training of personnel are among them.

In this context a technical cooperation project between the Republic of Moldova and Japan provides dotation of 5 national PMSIs with "state of art" imagistic equipment for total amount of 60 million US \$. 3 angiographic labs will be established in the framework of mentioned Project. Some more measures as standardisation of imagistic methods, estimation of cost-efficiencies investigations reports, improving of doctors' reports quality and others are planned.

References:

[1] Raport statistic (f.30 san.) a activităţii IMSP MS RM, Chişinău, 2912, p.12-13.