



State Hospital
«Kuzbass Clinical Hospital»

Awarded by Second-Class Medal "For for Special Achievements in the Development of Kuzbass"

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Customer's feedback on Mammo Retrofit AGFA DR 24M with an analogue Mammo X-ray Planmed Sophie Classic

The Radiology Department No. 1 of the State Autonomous Healthcare Institution "Kemerovo Clinical Hospital" uses the Planmed Sophie Classic X-ray mammograph and the AGFA DR 24M digital detector of 24x30cm format for mammography. This complex is a modern system for screening and diagnosis of breast diseases. During our work with this solution, we revealed the following advantages:

- The AGFA DR 24M digital detector allows performing medical examinations of large surfaces of the breast, providing excellent image quality and the lossless automatic exposure detection function ensures a low dose of radiation. The X-ray image cannot be spoiled. The wide dynamic range, high resolution of the digital detector and post processing algorithms allow to detect tiny changes in breast tissue, assess its size, nature and prevalence rate at the earliest stages, which is impossible to achieve on screen film.
- The lack of necessity to work with an analogue equipment and wet processing affects the speed of examinations and ultimately the capacity of the X-ray room. It allows also to have a rational layout of the room when the space is limited, get rid of the necessity of contacting with chemical reagents (one of the harmful factors in the X-ray room).
- One of the main advantages of the new digital equipment was the possibility of its introduction into the specialized hospital network, which allowed to view mammograms from the doctor's offices in different hospital blocks, provided exchange of information between specialists in the departments, comparing the results of clinical testing with diagnostic radiology data. Received pictures are kept in the unified database in electronic form as long as it might be necessary, regardless of their timing for the purpose of dynamic monitoring, scientific research studies and can be copied for the purpose of handing over to the patient or can be sent via e-mail for consulting purposes.
- The equipment software improves the quality of diagnostics, keeps statistics and control over examination results.
- The high diagnostic value of the X-ray mammo images, the absence of defects, the acquisition and preservation of images – all this practically eliminates the need for repeated examinations, which reduces not only the patient radiation dose, but also saves hospital resources.
- Equipment maintenance quality: company's representatives regularly monitor and control the quality of component parts of the solution.

All the above-mentioned together with our experience with high quality researches allow us assessing positively the Planmed Sophie Classic equipped with AGFA DR 24M flat panel detector and we definitely recommend to purchase it.

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