

Research and 3D simulation of CR-DR digital X-ray machine

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Abstract: This topic aims to conduct an in-depth study of CR-DR digital X-ray technology, with a particular focus on 3D simulation to enhance image analysis capabilities. The context of the topic is set in clinical practice, where the demand for improving the accuracy and performance of X-ray systems is increasingly high. The research methodology includes synthesizing theoretical knowledge combined with practical experiments to build 3D models. The expected results will contribute significantly to the medical field, thereby supporting the disease diagnosis process more effectively.

Keywords: CR-DR Digital X-ray Machine, 3D Simulation, Diagnostic Imaging