

Research on the 128-slice CT Scanner SOMATOM Perspective Siemens

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Abstract: This topic aims to study the 128-slice SOMATOM Perspective CT scanner system by Siemens. The background of the topic reflects the importance of CT technology in modern medicine, meeting the demand for faster and more accurate diagnosis. The objective is to evaluate the technical aspects and operational capabilities of this system to improve the quality of medical services. The research methodology includes comparative analysis with similar systems, along with clinical trials on a number of patients. The significance of the topic lies in providing important scientific and technical information for medical facilities, contributing to the development of CT technology applications in clinical diagnosis.

Keywords: CT Scanner, Siemens, Medical Imaging