

Research on cancer radiotherapy using the Primus linear accelerator

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Abstract: This topic focuses on researching cancer radiotherapy methods using the Primus linear accelerator. Based on the necessity of improving cancer treatment effectiveness, the objective of the study is to analyze and optimize the radiotherapy process to achieve the best treatment outcomes for patients. Using a combination of theoretical and experimental research methods, the topic explores factors affecting radiotherapy quality and designs an effective radiation beam control system. The expected results will contribute to enhancing high-tech medical capabilities in the field of cancer treatment.

Keywords: Radiotherapy, Primus linear accelerator, cancer, process optimization