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(54) Title of the invention : IMPLEMENTATION OF NOVEL TECHNIQUES OF NON-RIGID IMAGE REGISTRATION FOR HIGH DOSE RATE BRACHYTHERAPY IN INTER-FRACTION CERVICAL CANCER

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(57) Abstract :

Implementation of Novel techniques of Non-Rigid Image Registration for High dose Rate Brachytherapy in Inter-Fraction Cervical Cancer is the proposed invention. The invention focuses on predicting the pros and cons of non-Rigid images registration for high dose rate brachytherapy. The case study that is considered by the invention is Inter-Fraction cervical cancer.

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