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(57) Abstract :
ABSTRACT AN ARTIFICIAL INTELLIGENCE-BASED TECHNIQUE FOR EARLY DETECTION OF CANCER The present disclosure relates to an artificial intelligence-based technique for early detection of cancer. In an aspect, the artificial intelligence-based technique (100) for early detection of cancer comprises steps of collecting (102), a plurality of medical imaging data of previously suspected cancer patients, classifying (104), the medical imaging data into three classifiers, namely no cancer, low risk, and high risk, storing (106), the collected and classified data into a database, creating (108) an artificial intelligence neural network by performing data pre-processing, training, and testing using the database data, collecting (110), the medical imaging data of the current suspected cancer patient, implementing (112), the artificial intelligence neural network classifier to classify the patient for risk of cancer. (FIG. 1 will be the reference figure)

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