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(57) Abstract :

AI AND MACHINE LEARNING PERSPECTIVES ON THE CARDIOVASCULAR EFFECTS OF LUNG CANCER The method for the development of all malignant tumors, lung cancer has one of the highest rates of morbidity and death. The majority of lung cancers are found in the intermediate and advanced phases of the illness, when there are few options for therapy and a low chance of patient survival. Artificial intelligence (AI) is a crucial tool in this context since several advances for improved patient management are driven by the aim to increase the efficacy and efficiency of clinical treatment. The field of artificial intelligence (AI) has seen significant growth in recent years, with thoracic imaging benefiting greatly from the advancements made in deep learning in particular. The time of integrating AI into clinical practice has now begun. This article's goal was to examine the potential uses and present applications of AI in thoracic oncology. Cardio-oncology research are using machine learning (ML), a well-liked artificial intelligence branch field that finds patterns of interaction between variables to solve complicated large data challenges, more and more for risk stratification. FIG.1

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