

Abstract

There are many types of chest diseases, and the diseases caused by the lungs and the heart are among the top three leading causes of death in Taiwan. Medical X-ray is the primary diagnostic tools for the diagnosis of these lungs and heart diseases. Deep neural network is the best method for rapid analysis of advanced features and automation in recent years. If artificial intelligence could apply to the diagnosis of chest disease, it is expected to benefit more than 100,000 patients per year. At the same time as a clinical second opinion to reduce the physician's workload and