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YITU healthcare to use AI for cancer detection

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YITU Healthcare plans to invest 100 million yuan to promote the application of AI in cancer detection and screening in the coming five years.



Chinese technology company YITU, which is dedicated to Artificial Intelligence (AI) research and innovation, has announced the launch of a new project named "the map of preventing cancer with AI" recently. YITU Healthcare plans to invest 100 million yuan ($14,377,938) to promote the application of AI in cancer detection and screening in the coming five years. The project covers 19 provinces, cities and autonomous regions in China including Guangdong and Hubei Provinces.

A series of AI products, care.ai, developed by YITU Healthcare can be used to diagnose cancer and collect big data. Based on several years of practice, a CT-based lung cancer detection and screening system has the abilities to support doctors at different hospitals in China by watching CT scans, making diagnoses and producing structured reporting automatically. From May to the end of July, 2018, a total of 10 residents in Zhuhai and Yufan districts in Guangzhou, Guangdong Province were diagnosed with lung cancer by this AI technology.

Supported by the National Health and Family Planning Commission of the People's Republic of China (CPC) and the Ministry of Finance, the project of early detection of cancer in urban areas of China has been listed as a focal point with the Nation's major public health services.