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Yashoda Hospital Hitech City and Qure.ai launch AI-enabled lung nodule clinic

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Yashoda Hospital, Hitech City, in collaboration with Qure.ai and AstraZeneca, has launched an artificial intelligence (AI)-enabled Lung Nodule Clinic to support earlier identification and timely management of lung cancer and other pulmonary diseases.

Lung cancer is one of the leading causes of cancer-related deaths in India. Pulmonary nodules are often subtle findings that can vary in size, density, and location, which makes them challenging to identify consistently on routine chest imaging. The new Lung Nodule Clinic at Yashoda Hospital, Hitech City, integrates Qure.ai's AI solutions into chest X-ray workflows to flag, risk assess, and track these findings in a structured manner.

Nodules can be indicators of early lung cancer or other conditions such as tuberculosis, sarcoidosis, or lymphoma. The AI-supported pathway helps clinicians prioritise higher-risk cases and ensure timely and consistent follow-up.

A nurse navigator model supports the system and helps patients move from AI flagging to counselling, review, and next steps. "Standardised workflows help avoid delays and ensure consistent communication and documentation," added Dr Vipul Garg, lead Consultant, Yashoda Hospitals Nodule Clinic.

Since deployment, more than 17,000 chest X-rays have been analysed using Qure.ai's AI. The program has identified over 960 nodules. Of these, 136 were classified as high risk and 77 patients were sent for expedited CT scans and pulmonology review. Confirmed diagnoses include lung cancers as well as other significant lung diseases, highlighting the broader value of this pathway for proactive lung health.