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Thyrocare Technologies automates manual microscopy process with SigTupleâ??s AI100

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In a bid to better leverage its clinical expertise and drive quality reporting across its centres



Thyrocare Technologies are again at the forefront of technology adoption for pathology, using artificial intelligence (AI)-powered technology (SigTuple's AI100) to automate the manual microscopy process across its network.

This is expected to significantly reduce the turnaround time, standardise reporting quality and increase efficiency multi-fold. Rahul Guha, Managing Director - Thyrocare Technologies, said, “Digitalising microscopy has the potential to transform the face of diagnostics throughout India, and AI-integration in diagnostics is a game-changer. It has brought remarkable precision to our diagnostic capabilities. With the flagship product SigTuple AI100, we can now provide more accurate results, increased productivity, reduced TAT, and all this at lower costs.”

Thyrocare is in the process of expanding its presence across tier-2/3 cities and towns. Digital microscopy with artificial intelligence will be an enabler in a big way to do peer review on abnormal samples reporting and diagnosing several critical disorders like malarial infections, cancers, etc.

SigTuple AI100 is the premier solution for AI-assisted digital pathology. It is also the only digital pathology solution available, which is economical and robust enough for wide scale adoption in emerging markets. Dr Tathagato Rai Dastidar, Founder & CEO, SigTuple commented on the association, “SigTuple started in 2015 with a singular goal – to make quality healthcare more accessible, more accurate and more affordable. AI100 was built to solve the problem of digital pathology with that aim in mind."

Thyrocare is in the process of deploying SigTuple AI100 across its laboratories. As a pilot, installations have been done in the Thyrocare labs at Lucknow, Nagpur and Ranchi where a panel of doctors are already using the technology to serve patients in reduced turnaround time.