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Philips and ACTREC Tata Memorial Cancer Centre join hands to strengthen early cancer detection in India

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Philips Spectral CT 7500 enables clinicians to capture detailed spectral information during routine CT scans



Philips, a global leader in health technology, and Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), a unit of Tata Memorial Centre, are advancing the future of cancer care in India by bringing next-generation Spectral CT imaging, reinforcing shared commitment to more precise diagnosis, enabling earlier disease detection, and improving clinical decision-making for patients with complex cancers.

As India faces a growing burden of cancer and complex multi-system diseases, timely and accurate diagnosis has never been more critical. Diagnostic delays can contribute to avoidable patient harm, while repeat imaging may increase radiation exposure, patient anxiety, and treatment timelines — particularly in high-volume tertiary care centres.

Philips Spectral CT 7500 enables clinicians to capture detailed spectral information during routine CT scans. This allows for deeper disease characterisation from a single scan, helping clinicians make earlier, more confident diagnostic decisions without increasing radiation dose. It provides richer insight from a single scan, reducing repeat imaging and enabling full body exams in approximately two seconds. Studies also show 36% fewer additional diagnostic procedures in complex cancer evaluations, directly reducing patient anxiety, radiation exposure and overall treatment delays.

The introduction of Spectral CT will support multiple clinical specialties including oncology, cardiology, neurology and emergency care, areas where rapid and confident assessment is critical to improving outcomes.