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4baseCare expands AI oncology platform with data insights from 80,000 cancer patients

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Enabling oncologists to examine treatments and outcomes among clinically comparable cancer patients



4baseCare, a Bengaluru-based precision oncology company focused on building population-relevant clinico-genomic intelligence, is collaborating with Memorial Sloan Kettering Cancer Center (MSK), one of the world's foremost cancer care and research institutions.

The company will integrate de-identified data from a select cohort of MSK’s curated clinical outcomes, which will be used to support and improve 4baseCare’s AI-powered oncology digital twin platform, OncoTwin.

The integration, together with 4baseCare's existing Indian dataset, will give OncoTwin access to a combined evidence base of approximately 80,000+ patient records. These clinical records will support data-driven cancer treatment decisions across 4baseCare’s network of hospitals and oncologists.

4baseCare’s OncoTwin is designed to create a digital twin of a cancer patient using their genomic and clinical information. 4baseCare will also integrate OncoKB^{TM}, MSK’s FDA-recognised precision oncology knowledge base, into its OncoTwin digital twin platform.

After the completion of data integration and the necessary security, privacy and regulatory compliance processes, 4baseCare expects to make the expanded OncoTwin platform available from January 2027 across its existing markets in India, Latin America and Southeast Asia. The company currently works with 1000+ hospitals and 2500+ oncologists across its network, providing an established clinical channel through which the genomic comparisons can be introduced.

4baseCare is also working to address the lack of cancer data from Indian patients in global research. The company plans to increase its genomic and clinical data to over 1 lakh patients in the next two years. By combining this growing Indian dataset with data from leading international cancer centres, 4baseCare aims to help doctors make more informed treatment decisions for Indian patients and other populations that have been underrepresented in cancer research.