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Deenanath Mangeshkar Hosp adopts digital pathology from OptraSCAN

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OptraSCAN offers some promising digital pathology solutions in the field of oncology that can be used for staging and grading cancer cells, as well as for risk assessment, thereby providing a precise and timely diagnosis



OptraSCAN®, the leading On-Demand Digital Pathology solution provider has collaborated with Deenanath Mangeshkar Hospital & Research Centre, affiliated to Lata Mangeshkar Medical Foundation to implement OptraSCAN's affordable digital pathology solution, namely, a whole-slide digital scanner along with Artificial Intelligence (AI) & Machine Learning (ML)-based image analysis solution for nuclear and membrane biomarker quantification.

OptraSCAN has developed world's first On-Demand Digital Pathology Solution, initiated for research and clinical diagnosis, that assists the pathologist community in providing effective acquisition of whole slide images for viewing, storing, reporting and real-time sharing of information across hospitals, labs and their networks as against the use of optical microscopes.

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OptraSCAN's whole slide digital scanners are cloud-enabled and well equipped with Brightfield, Fluorescence and Confocal imaging modalities. These small footprints, low and high throughput scanners are lightweight that can easily fit into small

workspaces and provide the ultimate flexibility for storing, archiving and managing digital images and metadata.

OptraSCAN’s AI & ML-based image analysis solutions have been developed on an automated algorithm system that gives an accurate, rapid and reproducible analysis of nuclear and membrane biomarkers as well as of immuno-oncology and prostate cancer.