

DIGITAL PATHOLOGY POWERED



ONWARD ASSIST

www.onwardassist.ai

ABOUT



Onward brings a portfolio of advanced analytical tools for cancer pathologists and easy integration to industry-standard digital pathology systems

Onward Assist offers a comprehensive digital pathology software solution augmented with state-of-the-art AI algorithms tailored to meet the needs of cancer pathologists. Our full-stack pathology AI solution addresses critical pain points in the cancer care process, streamlining and simplifying the biopsy reporting process through simple pathologist assistant tools,

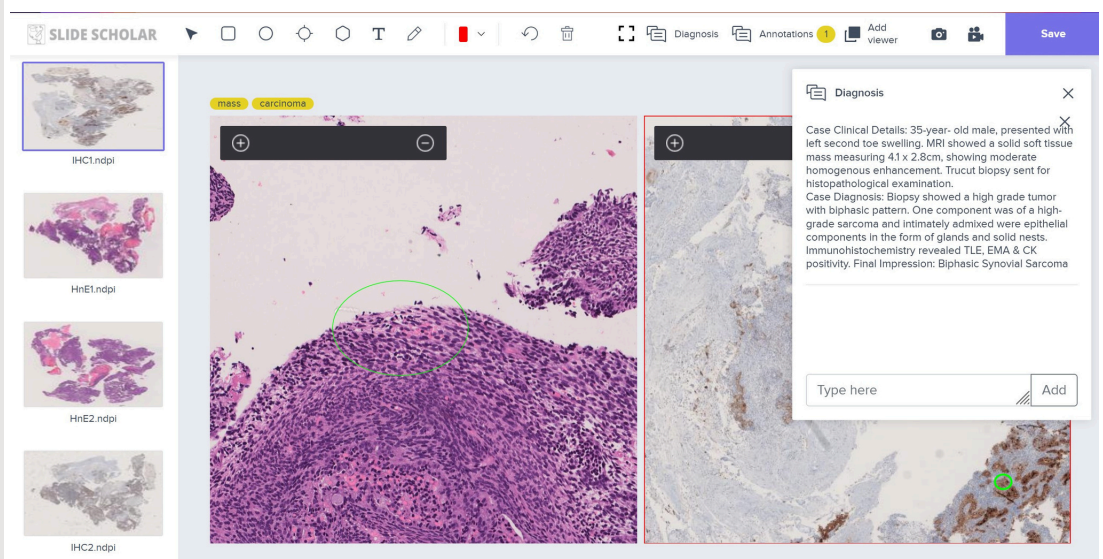
enabling the slide viewing, reporting, and analysis processes.

Onward's pathology AI algorithms analyse images of cancer biopsy slides and assist the cancer pathologist in their reporting process, and hence reducing the reporting process time by 30-40% and improving the accuracy by 12-15% around tumor grading, and cell quantifications.

Helping Teaching Pathologists, Residents and Students

SlideScholar, the premier platform for pathology training and education, helps teaching pathologists and students leverage the power of digital with the ease of a “Multi-head-microscope-on-cloud”.

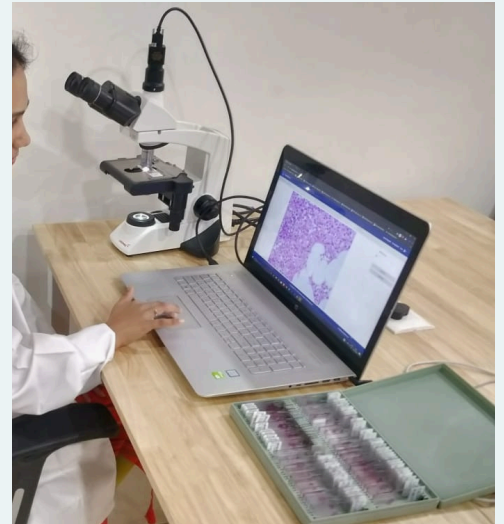
SlideScholar is an online slide teaching platform that enables hosting of slides and giving access to pathologists or students for lecture sessions as well as webinars. The platform combines online slide review capability for successful digital case reviews, lectures and workshop.



WORKFLOW

Seamless workflow and reporting software

PathFlow Dx is a smart, user-intuitive platform that helps Labs, Hospitals and Pathologists to leverage digital pathology and transition easily to digital workflow with minimal fuss. The reporting software suite provides pathologists with advanced tools for viewing, annotating, and analyzing digital slides.



Easy integration of 3rd party AI algorithms

PathFlow Dx enables seamless deployment of AI-based analysis tools within the pathology reporting workflow.

This enables productivity benefits and workflow optimisation through the efficient use of digital pathology infrastructure for various uses like tumor board discussions

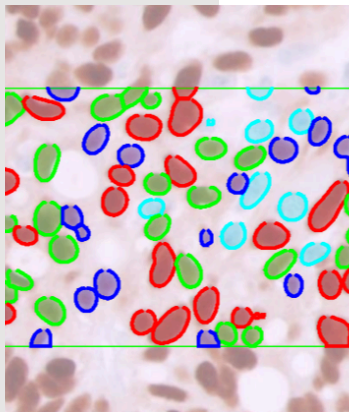
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IHC SCORING

PathAssist, Onward's AI algorithm automates slide reporting and analysis, significantly reducing the time and effort required for pathologists to complete reports.

PathAssist offers a clinical validated set of algorithm now available as a reporting assistant product that is helping pathologists get better productivity out of their time and lab resources.

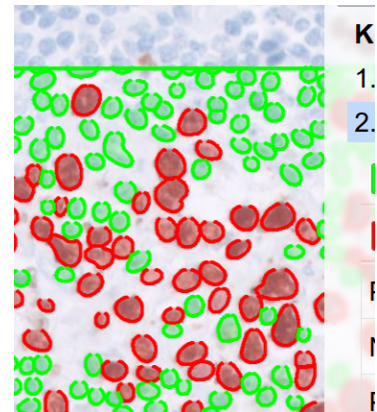
The below mentioned products are available as part of the Breast Cancer panel for diagnostic reporting use. Further, algorithms for NSCLC are being made available for research use.



ER/ PR



Her2 neu



Ki67

PROGNOSTIC SCORING

Breast carcinoma grade, as determined by the Nottingham Grading System, is an important criterion for determining prognosis.

The scoring system is based on 3 parameters:

- 1 Tubule Formation
- 2 Nuclear Pleomorphism
- 3 Mitotic count

Onward Assist has collaborated with pathologists to build a comprehensive solution with AI algorithms to analyse H&E slides and give accurate assessment on the above markers. Machine learning based tools offer a solution to improve on prognostic scoring with reduced reporting variation.

ONWARD ASSIST

Better Outcomes through
Better Workflow

Lets Get in Touch

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PathFlow Dx

Digital workflow made easy

PathFlow Dx makes Digital Pathology Workflow easy to adopt.

The software platform comes with industry-leading capabilities around slides, data management and enables:

- Efficient use of digital pathology infrastructure for various uses like MDTs,
- Managing case allocation and status updates from different pathologists,
- Annotation on whole slide image (WSI) using user-friendly annotation tools,
- Smart reporting based on synoptic reporting protocols,
- Restricted access to information to different levels of staff for data security

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