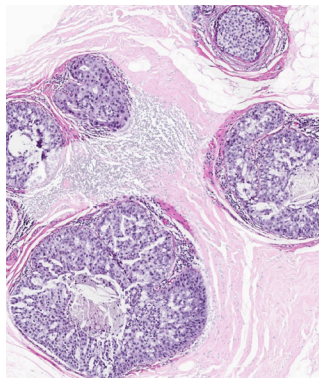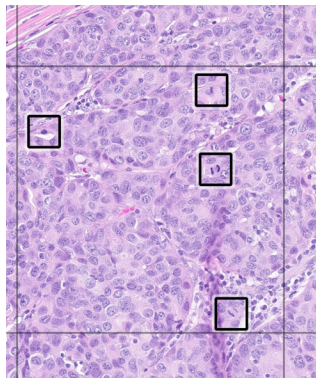# Paige Breast Suite

Paige

The Paige Breast Suite is a set of AI applications designed to support pathologists in the identification and classification of breast cancer on H&E-stained whole-slide images from breast biopsy and excision specimens. By pinpointing suspicious tissue and accelerating the most challenging and tedious aspects of case analysis, the Paige Breast Suite helps pathologists make more efficient and consistent clinical decisions.
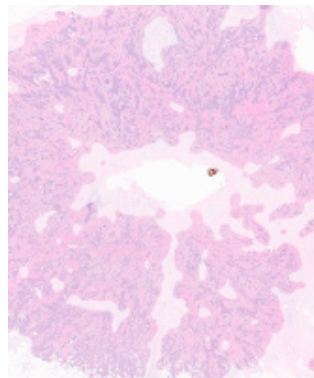
Paige Breast Detect & Neoplasm

RUO

- Draws pathologists' attention to the area on the slide most likely to harbor cancer
- Highlights cancer and pre-cancerous neoplasms like in situ and invasive carcinoma

Paige Breast Mitosis

RUO

- Automatically identifies a mitotic hotspot along with mitotic counts and mitotic density for both the hotspot and the entire slide
- Allows pathologists to easily jump to individual mitotic instances on the slide for further review

HER2Complete

RUO BETA

- Aids in the identification of HER2 expression within IHC-0 patients and HER2-low (IHC1+ and 2+/FISH negative) patients
- Built to perform on H&E stained slides, no additional staining required

Paige Breast Lymph Node

RUO

- Detects foci that are suspicious for breast cancer metastasis on H&E-stained whole-slide images from lymph node specimens
- Supports pathologists in more confidently detecting lymph node metastases between <0.02-2 mm[10]
- Proven to cut total slide read times by over half, including a 66% reduction for slides suspicious for cancer and a ~50% reduction for benign slides.[6]

Why Pathologists Choose Paige

The AI applications in the Paige Breast Suite have already supported labs across the globe in managing growing caseloads while ensuring that every patient receives the timely and effective care they deserve

WHEN USED IN CONJUNCTION WITH PATHOLOGIST SKILL, THE BREAST SUITE OFFERS:

✓ **Increased Diagnostic Confidence**
Acts as an instant second opinion to enhance pathologist confidence in their final diagnosis

✓ **Greater Peace Of Mind**
Identifies easily overlooked small foci or micrometastases to ensure they are not missed
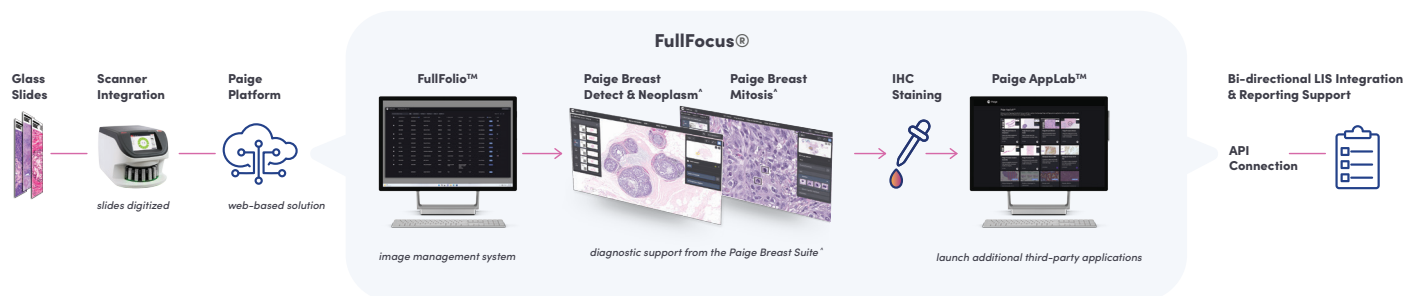
✓ **Faster Turnaround Times**
Offers AI-powered support for every step of the breast cancer diagnostic workflow to simplify and streamline case sign out

✓ **Enhanced Diagnostic Efficiency**
Minimizes the burden of time-consuming manual processes and quantifications so pathologists can focus their attention where it matters

DIGITAL PATHOLOGY WORKFLOW USING THE PAIGE BREAST SUITE

FullFocus®

Glass Slides — Scanner Integration (slides digitized) — Paige Platform (web-based solution) — FullFolio™ (image management system) — Paige Breast Detect & Neoplasm* — Paige Breast Mitosis* (diagnostic support from the Paige Breast Suite*) — IHC Staining — Paige AppLab™ (launch additional third-party applications) — Bi-directional LIS Integration & Reporting Support — API Connection

INDUSTRY-LEADING PERFORMANCE

Paige's dedication to using robust training datasets along with our rigorous internal validation practices provides pathologists with peace of mind when working with complex and variable cases.

PAIGE BREAST LYMPH NODE

reduced total read times by over 55%[6]

helped improve pathologist sensitivity on small micromets (0.2-0.5mm) and ITCs by over 25%[6]

improved pathologist efficiency by 70%[6]

[10] Paige Breast Lymph Node has been internally validated by Paige to detect metastasis between <0.02-2 mm in size
[6] Paige Breast Lymph Node: Based on an investigational clinical study involving 3 pathologists and data from 148 patients.
*In United States and where research use is permitted, all applications of the Paige Breast Suite are limited to Research Use Only and not for use in diagnostic procedures.