mesoView®

Real-time Digital Pathology Assessment

PATHOscope & mesoSync

Smarter Workflow, Seamless Performance.

PATHOscope

mesoView®

Rapid Digital Pathology

SIGNIFICANT TIME SAVING

- 4X faster assessment compared to frozen section analysis

STANDARD STAINING DYE

- Fully compatible with traditional H&E histopathology

EASE OF USE

- No additional interpretation training
- Telepathology for enhanced collaboration

TISSUE INTEGRITY

- No slicing and freezing
- True-border artifact-free imaging

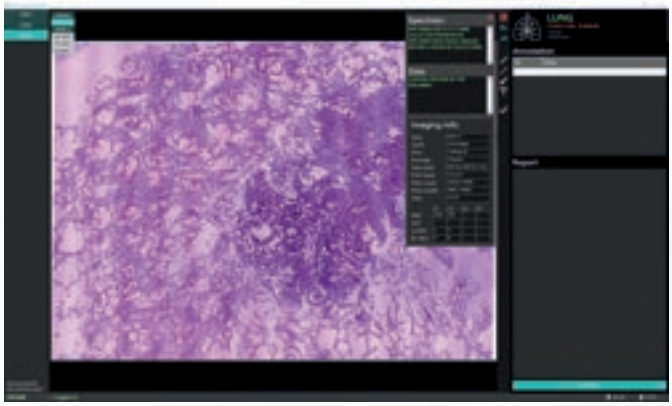
MEETS WSI GUIDLINES

- Fulfills whole-slide-imaging (WSI) guidelines from the Digital Pathology association
- Submicron image resolutoin

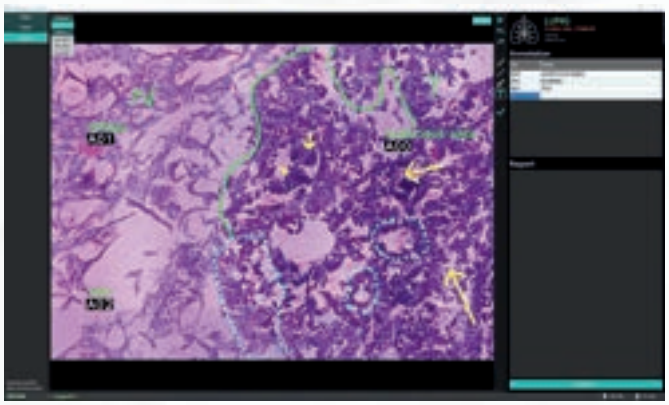
mesoSync

mesoView®

Real-time Telepathology Software



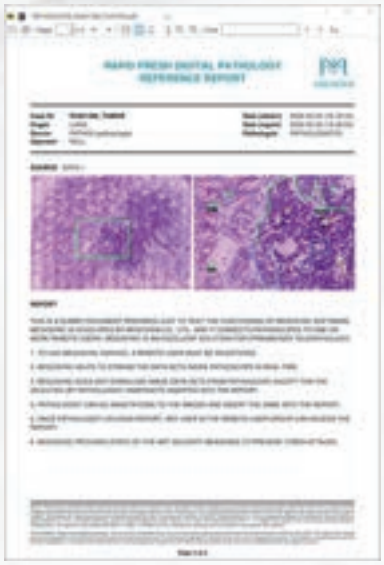
Comprehensive specimen and image information



Mark the regions of interest with notes

REAL-TIME & REMOTE READING

- Immediate access to high-resolution datasets with real-time zoom-in
- Seamless evaluation of gigapixel datasets without whole-data transfer
- Seamless collaboration among pathologists and surgeons, not bounded by geographic locations



Report generation

CLINICAL EVIDENCES

- Chi-Kuang Sun, et al. "**A Comparative Study on H&E Based Rapid Fresh Digital Pathology and Frozen Section Analysis for Intraoperative Margin Assessment in Breast-Conserving Surgery**" USCAP Annual Meeting 2025, Boston, Massachusetts, United States.
- Yi-Hsuan Lee, et al. " **Why is virtual H&E imaging technology not needed? Rapid intraoperative margin assessment in breast cancer surgery: Evaluation of the true H&E-based PATHOscope**" 36th European Congress of Pathology 2024, Fortezza da Basso, Florence, Italy.
- Chi-Kuang Sun, "**Advancing Surgical Biopsy with Nonlinear Optics: True-H&E rapid fresh pathology for tumor assessment**," European Optical Society Annual Meeting 2024, Naples, Italy (Plenary Speech)
- Borah, Bhaskar Jyoti, et al. "**Rapid digital pathology of H&E-stained fresh human brain specimens as an alternative to frozen biopsy**." Communications Medicine 3.1 (2023): 77.

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