

AIxURO™

AI-Assisted Whole-Slide Analysis for Urinary Cytology

Designed to support faster,
more consistent evaluation
in a research setting.



**PRESENTS
ABNORMAL CELLS**



**REDUCTION
IN REVIEW TIME***

+100%

**ENTIRE SLIDE ANALYZED
FOR TPS 2.0 CRITERIA***



THE CHALLENGE

Manual review of over 1,000 cells per slide is time intensive and variable. Abnormal cells may be obscured by inflammation or blood. Ongoing workforce shortages further strain laboratory workflows.



THE AIxURO SOLUTION

AI-powered analysis trained on thousands of slides and cells to deliver robust performance.

- Identifies and ranks cells of interest
- Presents an Abnormal Cell Gallery for focused review
- Provides comprehensive whole-slide image analysis
- Delivers detailed slide-level statistics
- Enables in-depth cell-by-cell morphological data

Supporting research data collection and analysis
through advanced artificial intelligence.

Research Use Only. Not for diagnostic use.





AIxMed Cytology Viewer

Whole-slide analysis with ranked cell gallery and integrated quantitative metrics.

Whole-Slide Intelligence

Every cell on the slide is analyzed. Relevant cells are sorted and presented from most to least suspicious, including rare events.

- Ranked gallery presentation
- Structured visualization of suspicious and atypical findings

Quantitative Cell Metrics

Advanced slide-level and cell-level measurements to support structured review and evaluation.

- Total suspicious and atypical cell counts
- N/C ratios
- Nucleus area measurements (μm^2)
- TPS 2.0 morphology indicators
- Detailed slide-level statistics

Workflow Integration

Designed to integrate into existing laboratory environments.

- Key AI findings shared within IMS
- Automated summary of suspicious and atypical cells
- Full audit trail for storage, retrieval, and consultation
- On-premise and cloud deployment options available

Open Platform Compatibility

Built for compatibility across digital pathology environments.

- Supports SVS, NDPI, MRXS, and selected TIF/DICOM files
- Accepts TIFF, SVS, and JPG image formats
- Optimized output reduces file size by up to 80 percent
- Designed to maximize storage efficiency



Learn more and schedule a demonstration:
Scan the QR Code or visit: aixuro.aixmed.com

