

WSI Scanning & Digital Pathology Advantages

Hospitals, Medical Colleges & Academics

- **Digital slides reduce fatigue and render a better image at higher ultimate magnifications than would be available through a microscope alone**
Traditional microscopy involves pathologists spending long hours looking through a microscope, which can be physically tiring and can cause eye strain or other issues. Allowing pathologists to view and analyze slides on a computer screen rather than through a microscope eyepiece
 - **Improved accuracy** *Digital slides can provide higher-resolution images, with more accurate and consistent color representation, and can be viewed on larger monitors. With powerful annotating, measuring, and screen-capturing tools, you can more asses slides with improved accuracy.*
 - **Increased efficiency** *pathologists can quickly and easily access slides from any location.*
 - **Eliminating the need for physical storage**
 - **Remote consultation** *allowing pathologists to view and analyze slides from any location in real-time.*
 - **Enhanced collaboration** *Digital pathology platforms allow pathologists to easily share images and collaborate with other pathologists, clinicians, and researchers around the world.*
 - **Improve patient outcomes.**
 - **Accelerated learning for Resident Doctor** *Digital slides can be easily stored, accessed, and shared, allowing medical students, residents, and pathologists in training to access a wider range of cases and learn from a broader range of experiences.*
 - **Universities can now send slides to students** *from anywhere for homework assignments.*
 - **Digitizing slides allows for unprecedented standardization in pathology education**
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WSI Scanning & Digital Pathology Advantages

- **Digital pathology can benefit an entire hospital organization**
- **Reduce turn-around times & faster treatment and better outcomes for patients.**

Students and Research Scholar

- With digital pathology, **medical students and clinicians can access the same slide images from anywhere**, at any time, which was previously impossible.
- This allows for **standardization in pathology education**, ensuring that all students have access to the same material, regardless of their location or the institution they are studying in. It also allows for greater collaboration
- Between different institutions and regions, improving the **sharing of knowledge** and expertise.

Pathologists

- Pathologists can **access their cases directly from their desks** or home offices.
 - Virtual slides also **allow pathologists to request a second opinion** from mentors or field specialists without having to ship slides.
 - **Reduce fatigue and render a better image at higher magnifications** than a microscope alone.
 - Improved **accuracy and speed in diagnosis**, resulting in better patient outcomes.
 - **Reduction in errors** due to the ability to review and share cases with colleagues in real-time.
 - **Increased access to specialist consultations**, especially for rural or remote areas.
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WSI Scanning & Digital Pathology Advantages

- **Enhanced educational opportunities** for pathologists in training through the ability to easily access and share digital slides.
 - **Cost savings for healthcare institutions** due to the elimination of the need for physical slide storage and transportation.
 - **Improved work-life balance and flexibility** for pathologists, particularly those with family or caregiving responsibilities.
 - **Increased efficiency in pathology workflows**, allowing pathologists to see more patients and reduce wait times for results.
 - **Greater collaboration and knowledge sharing** among pathologists across different institutions and geographic location
 - **Reducing the need for physical transportation** of Virtual slides
 - **Benefits of rapid second opinions in digital pathology**
 - **Teleconsultation Platform**
 - Enabling them to **provide rapid second opinions.**
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