

Guest Lecture on Digital Pathology & AI

Venue: V Club, Gurugram, Haryana

Date: July 2026

Speaker: Dr. Arvind Nanera

Topic: *Digital Pathology & AI – Affordable Today, Transformative Tomorrow*

Event Overview

Dr. Arvind Nanera was invited as a **Guest Speaker** at the **Future Diagnostics Conclave 2026**, organized by the **Association of Practising Pathologists (APP) Haryana** at **V Club, Gurugram**. The conference brought together pathologists, laboratory professionals, academicians, and healthcare leaders to discuss emerging technologies shaping the future of laboratory medicine.

Lecture Highlights

The session focused on the growing role of **Digital Pathology** and **Artificial Intelligence (AI)** in transforming pathology practice. The lecture emphasized that digital pathology is no longer limited to large institutions but is now becoming an affordable and practical solution for laboratories, medical colleges, and diagnostic centers.

Key topics covered included:

- Evolution of Digital Pathology and Whole Slide Imaging (WSI).
- Affordable pathways for adopting digital pathology in routine practice.
- Manual Whole Slide Imaging as a cost-effective alternative to automated scanners.
- Applications of Digital Pathology in diagnostics, education, research, and telepathology.
- Integration of AI for improved diagnostic efficiency and future-ready laboratory workflows.
- Global trends and opportunities in digital transformation of pathology.

Audience Interaction

The session witnessed enthusiastic participation from practicing pathologists and postgraduate students. An engaging question-and-answer session followed the lecture, covering topics such as implementation strategies, workflow integration, cost considerations, AI applications, and the future of digital pathology in India.

Key Takeaways

- Digital Pathology is becoming increasingly accessible and affordable.
- Whole Slide Imaging enhances collaboration, education, and case sharing.
- AI will complement pathologists by improving efficiency rather than replacing expertise.

- Laboratories can begin their digital transformation with scalable and cost-effective solutions before investing in high-end automated systems.

Acknowledgement

Dr. Arvind Nanera expressed his sincere gratitude to **Dr. Gajendra, Dr. Prashant**, and the entire **APP Haryana Organizing Committee** for the kind invitation and warm hospitality. Appreciation was also extended to all participants for their active engagement and thought-provoking discussions, which made the session highly interactive and meaningful.

Conclusion

The lecture successfully highlighted the importance of embracing digital transformation in pathology and inspired participants to explore practical, affordable solutions that can enhance diagnostic quality, education, collaboration, and future AI integration. The event concluded with a shared vision of advancing pathology through innovation, technology, and continuous learning.







