

Elevate Patient Care Across All Your Practices

A Quick Intro to Dental AI

Ready to learn more about AI for your dental practice?
Here's what you need to know.



What is AI?

In its simplest terms, artificial intelligence (AI) is the ability for a computer to think and learn from large amounts of data. With AI, computers can perform tasks that are typically done by people – such as reading images, processing language and more.



How is AI used in dentistry?

In the case of dentistry, AI can be trained to read more X-rays than any dentist will ever see in a lifetime. AI can learn to distinguish healthy teeth from diseased teeth, and can be used by dentists and hygienists across all years of experience.

How VideaAI Works

X-Ray Data Collection

VideaHealth amassed the largest, most diverse set of data that comprises millions of dental images

X-Ray Annotation

Expert dentists label images to identify disease and provide high quality data to the AI.

Recruit Expert Analysts

Thousands of dentists are vetted, only the top 20% are selected to annotate X-rays used to train our AI. This enables the AI to learn from the best “teachers.”



AI Training

The AI learns from millions of data points to identify patterns of disease and recognize areas that may require further intra-oral investigation.

Continual Learning

The AI keeps improving as it receives more high-quality data and user feedback.

Have questions or want to learn more?

Contact us at support@videa.ai



What to Expect

Videa Assist helps dentists and hygienists to:

- ✓ Detect more diseases, faster with objective analysis.
- ✓ Reduce false positives & improve diagnostic accuracy.
- ✓ Gain instant insights, save time and increase practice efficiency.
- ✓ Build patient trust & increase case acceptance rates.

31%

increase in detection of carious lesions on average*

15%

reduction in erroneous detections*

100%

of clinicians improved their ability to detect diseases aided by AI*

26%

increase in treatment plan value and case acceptance rates*

[VideaHealth] bridges the gap between educational and dental needs. Having the AI annotation in front of patients helps them to visually understand the oral diseases and for me to recommend necessary treatments, significantly increasing treatment acceptance.



Dr. Jiachen Lin, DMD
The Smile Institute

Note: AI is a tool that does not diagnose on its own. Instead, it highlights points of interest that may require intra-oral investigation to help you provide a precise diagnosis and appropriate treatment recommendations. When teamed up together, the dental clinician & AI can detect more diseases more accurately than by themselves.

*According to an FDA clinical study involving dentists using Videa Assist.