



Introducing the

VELscope® MANTIS

Advanced Multi-Mode Oral Screening Technology

The most advanced fluorescence-based oral screening device — revealing what the naked eye can't.

1/3

Global oral cancer cases
are from India

2–3

Minutes per complete
screening exam

20+

Years pioneering
tissue fluorescence

DID YOU KNOW?

Oral cancer is one of the most preventable cancers — but only when caught early. The challenge? Many pre-cancerous lesions are invisible to the naked eye during a routine exam. By the time a patient feels symptoms, it may already be too late.

The best of both worlds...



VELscope Mantis is a state-of-the-art oral mucosal examination tool to assist the dental professional in performing comprehensive oral examinations.



It integrates both traditional white light visualization, polarized white light visualization and blue-light induced fluorescence visualization into the same device.

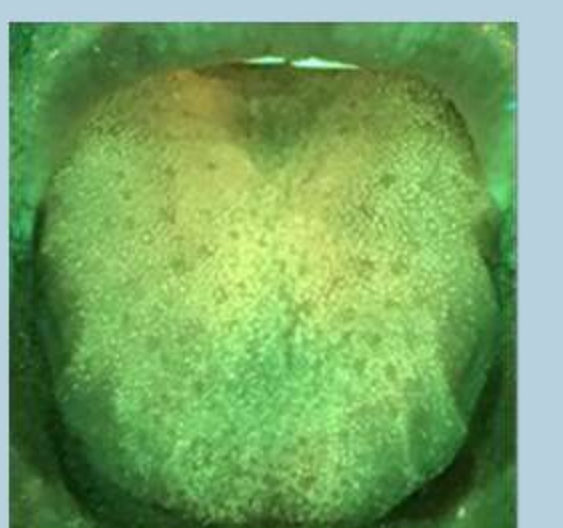


Fluorescence Visualization



- VELscope has pioneered the use of natural tissue fluorescence for oral mucosal visualization for the past 20 years.
- Using fluorescence to help screen for oral mucosal disease is now part of mainstream dentistry.

The new VELscope Mantis builds upon its predecessors by increasing field of view and enhancing filtering for a brighter, improved image with increased yellow/orange spectral content.

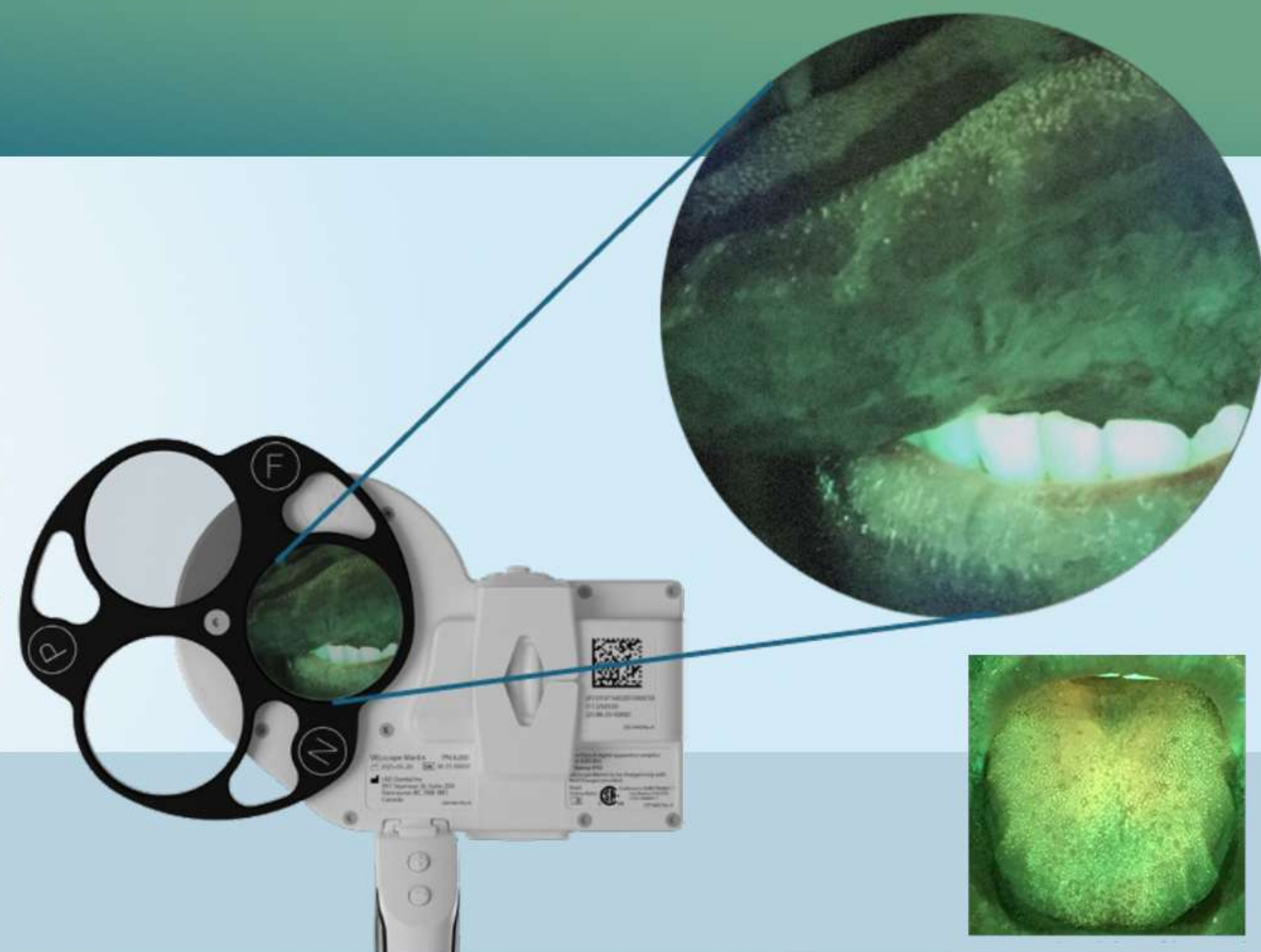


ADVANCED FLUORESCENCE VISUALIZATION TECHNOLOGY

for Oral Cancer Screening

The Solution

The VELscope MANTIS is an advanced fluorescence oral screening device that gives clinicians the power to detect tissue abnormalities that are completely invisible under normal light — in just 2 to 3 minutes, with no dyes, no rinses, no invasive procedures.



DRIVING EARLY DETECTION WITH FLUORESCENCE

The MANTIS uses a specific wavelength of blue light that causes natural tissue to fluoresce. What the eye sees in response tells the clinician everything they need to know.



Healthy Tissue

Fluoresces bright green under blue light. A clear, vibrant glow indicates normal, healthy oral mucosa.



Quick 2–3 minute exam

Easily integrates into any routine dental appointment without disrupting workflow.



Real-time live visualization

Attaches to your smartphone for live viewing, photo capture, and clinical documentation on the spot.



Abnormal Tissue

Appears dark or irregular — a stark visual contrast that immediately flags the clinician to investigate further.



Three modes in one device

White light, polarized white light, and blue-light fluorescence — all in a single handheld unit.



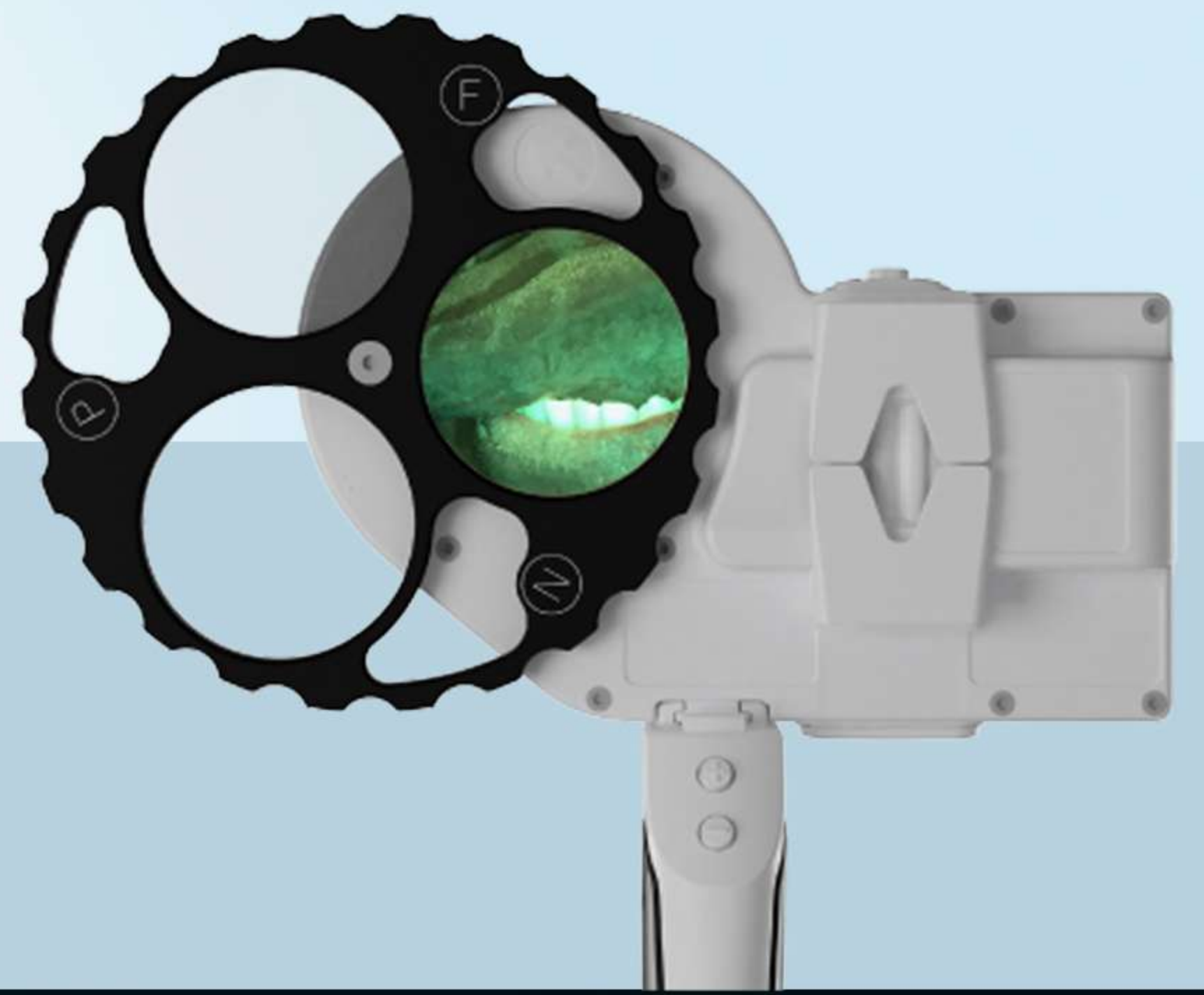
No dyes or rinses needed

Completely non-invasive. No patient preparation required. Safe, fast, and comfortable.

DETECT EARLY. TREAT BETTER.

The VELscope MANTIS isn't just for oral cancer. It assists clinicians in identifying a broad range of oral conditions — making it a powerful daily tool for any dental practice.

- Oral cancer
- Pre-cancerous lesions
- Inflammatory conditions
- Vascular abnormalities
- Bacterial and fungal infections
- Dysplasia



ADVANCING THE MODERN DENTAL PRACTICE

Designed to complement — not complicate — your daily workflow. The MANTIS delivers diagnostic power with clinical simplicity.



Non-invasive screening

Zero patient discomfort. No preparation, no needles, no recovery time.



Improved documentation

Live smartphone integration for high-quality image capture and patient records.



Increased detection rates

Catches what routine visual exams miss — earlier, more reliably.



Builds patient trust

Show patients real-time visuals. A powerful conversation starter for oral health awareness.



Seamless workflow

Integrates into existing routine exams without adding time or complexity.



Broader field of view

Enhanced optics with improved yellow/orange spectral filtering for a brighter, clearer image.

Give your patients the exam They **Deserve To Receive.**

ORAL LESION IDENTIFICATION:

Visualizing Abnormalities in the Oral Mucosa



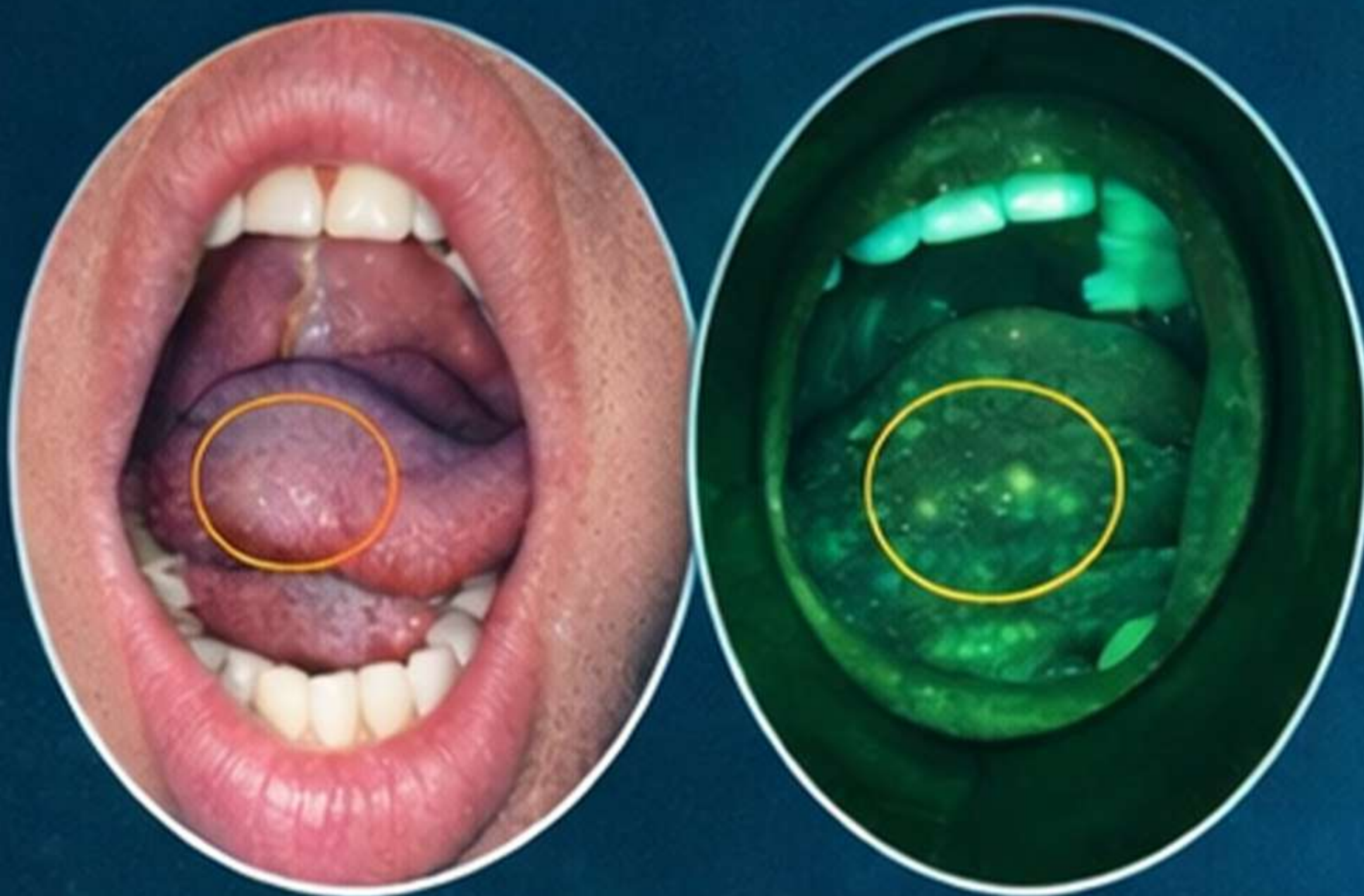
Under white light



Fluorescence view

Under white light

Fluorescence view



Under white light

Fluorescence view



See what *white light* misses.
Enhance early lesion detection with
fluorescence visualization.

MINIMIZE INFECTION CONCERNS WITH IMPROVED DISPOSABLE SOLUTION...



Disposable Lens Cap

Crystal clear, high optical transmission, non-fluorescent acrylic cap snaps onto front of the unit and protects sensitive optics

Disposable Handpiece Barrier

LDPE sheath covers Handpiece to minimize cross-contamination