

Clinical Imaging Photo Documentation

Forward Science LLC is dedicated to providing the ability to accurately image lesions that are of interest. The settings and recommendations are below for your use, but remember that each operator and camera are different, so these may not be exact.

As we build our clinical image library, please share any picture you may acquire so we can educate others on what they are looking for during the fluorescence examination.

OralID Camera Filter Assembly for Photo Documentation:

Camera Filter Assembly (mm): FS – XX (52, 55, 58, 62, 67, 72, 77, 82)
[Camera not included]



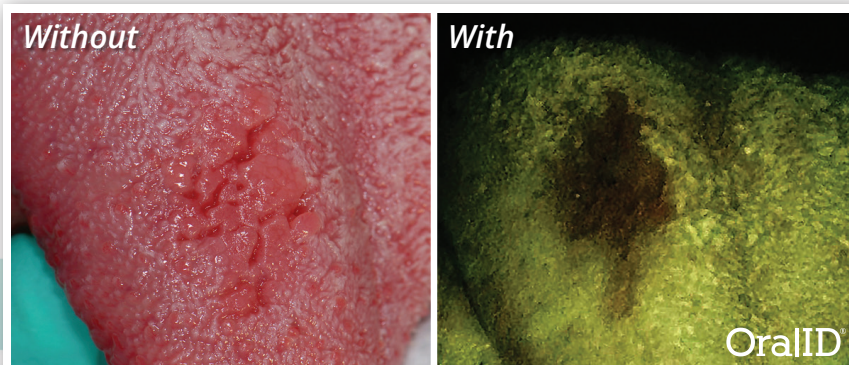
Recommended Camera for Clinical Imaging:

To acquire the best clinical images, it is recommended to use a DSLR camera. Point and shoot cameras, along with intra-oral cameras, do not have enough resolution and clarity to acquire images with this technology.

Optimal Settings for acquiring OralID Clinical Images:

- Dim the room lighting as much as possible (overhead light and other lights)
- Disable the flash
- Auto Light Optimizer (disable feature on Canon models)
- Set camera to Manual Focus (i.e., disable to Auto Focus).
- Set camera's ISO setting to the maximum for your camera
- Set the shutter speed to 1/50 of a second or faster (e.g., 1/60, 1/100, 1/200 are acceptable provided your camera is sensitive enough)
- Try to take the picture as perpendicular as possible relative to the tissue of interest (i.e., don't shoot at an angle to the region of interest)
- Focus the lens, then slowly move your hand & camera back and forth for the fine focus adjustment
- Take picture

The colors seen on the camera and/or monitor should look just what you see through the OralID filtering eyewear (example below).



Minimally Invasive Squamous Cell Carcinoma (HPV 16+)

Courtesy of C. Mark Nichols, DDS Bering Omega Dental Clinics/HACS