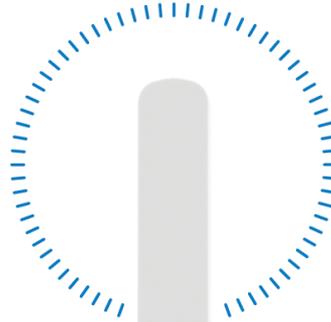




sota
IMAGING

claris i4D



Digital Intraoral Camera



claris

i4D

● User Guide



www.sotaimaging.com
1.888.266.SOTA
info@sotaimaging.com

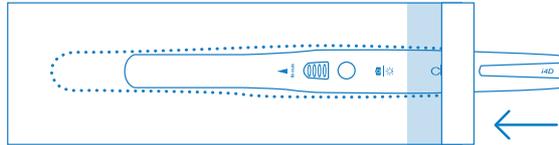
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■ HOW TO USE A DISPOSABLE SHEATH

① Camera Insertion

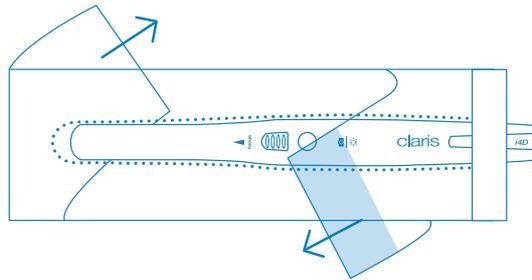
With the lens side down towards the paper backing, slide the camera beneath the white tab into the sheath.



*It is OK to leave a little room at the tip (see below)

② Protective Covering Removal

Holding the camera at the cable end, pull the blue tab up, removing the protective clear cover, and pull the white paper backing down. Discard covers.

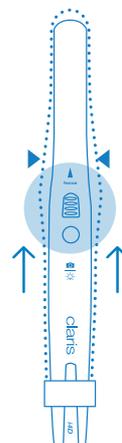


③ Camera Inserted in Sheath



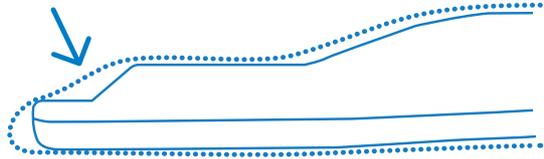
■ SHEATH TIPS

If the sheath causes difficulty in moving the adjustable focus, simply hold the sheath above the focus area and pull up the portion of the sheath below to give the sheath some slack.

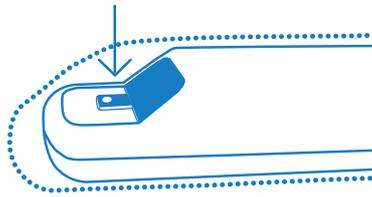


■ SHEATH TIPS (cont.)

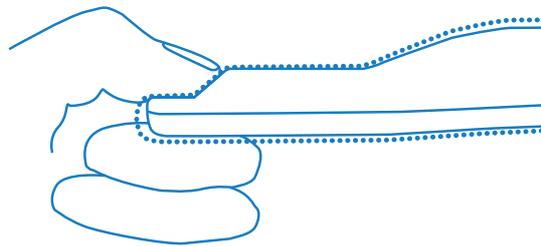
Sometimes, there may be an air pocket between the lens area and sheath, which may cause a glare when capturing images.



Gently roll your thumb to press the sheath down onto the small black prism box.

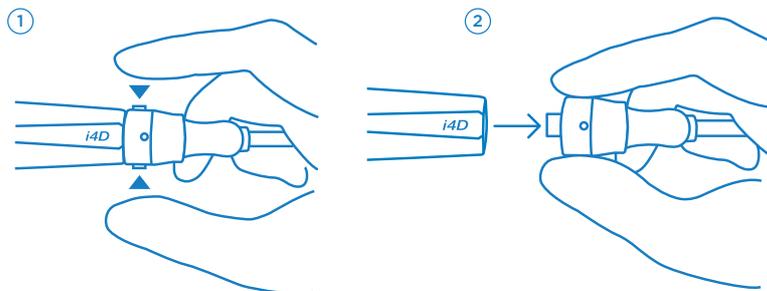


The sheath should stick to the prism box. Be careful not to be too forceful as you can damage the prism.



■ CONNECTING / DISCONNECTING USB CABLE

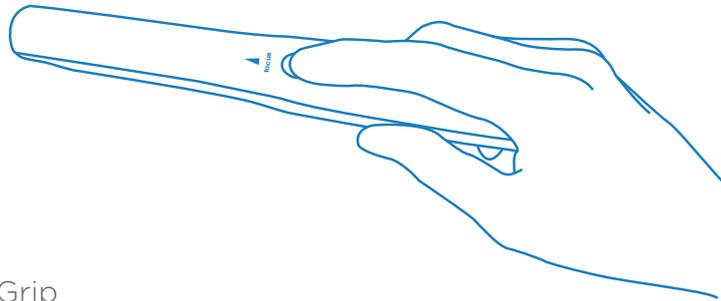
Firmly press the two buttons on the opposing sides of the USB connector to release the inner latches. While pressing the two buttons, gently wiggle and pull to disconnect the USB.



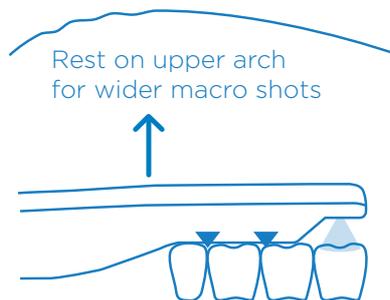
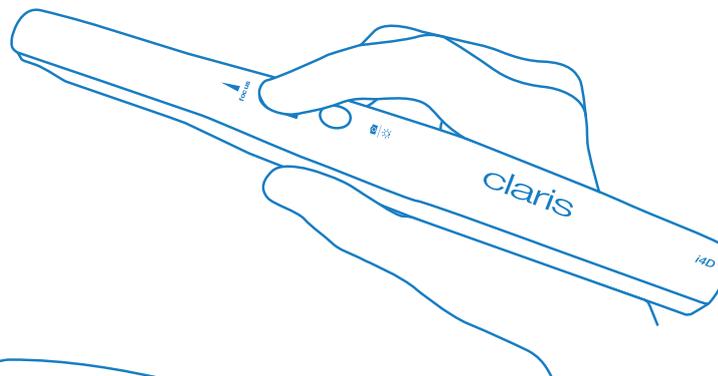
To reduce future wear and tear, press the two buttons when connecting the USB cable as well.

TECHNIQUES

Overhand Grip



Pencil Grip

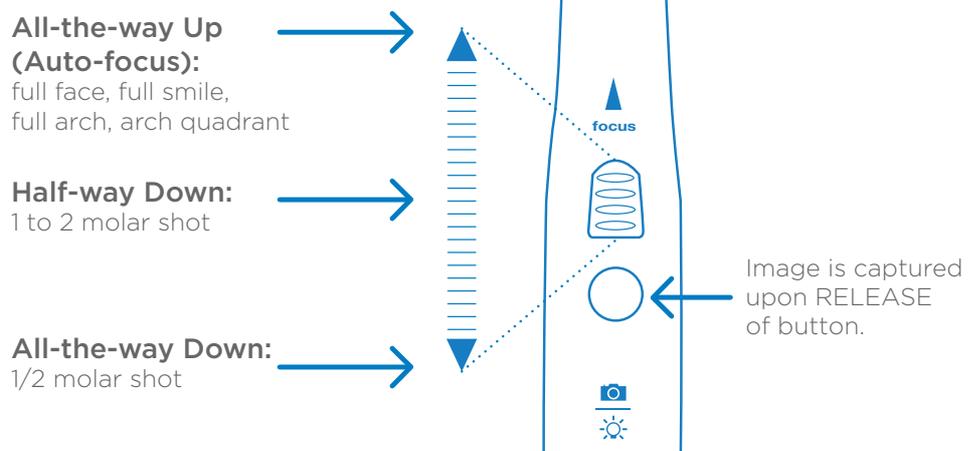


For close macro shots, rest camera on teeth for image stability. You can also rest top of camera on the upper or opposing arch to acquire stable images of teeth.

For full smile, bottom arch, and upper arch shots, try placing fingers on patient's chin as shown to steady the camera. Pivot camera up or down to achieve desired angle.

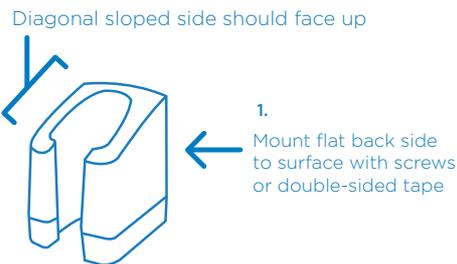


■ FOCUS CONTROL AND CAPTURE



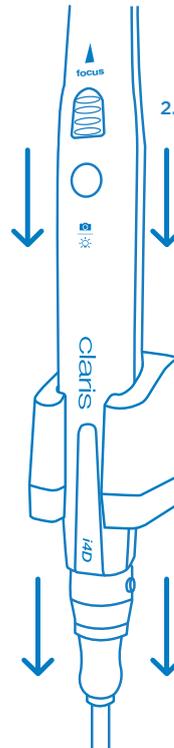
■ TURNING CAMERA OFF

- ① Mount camera cradle by securing the flat back side to wall or surface. Make sure the diagonal sloped side is facing upwards as shown.



- ② Place camera bottom (the side where the USB connector sits) through the cradle top-opening.

The face of the camera with the capture button, focus, and Claris logo should be facing OUT towards you. There is a magnetized component within the cradle which will shut the camera OFF.



■ MAINTENANCE

- ① Clean lens/prism (small black square in center of LED lights) with alcohol and Q-tip at least once a week but preferably everyday before use. This will ensure a clear image.
- ② DO NOT have patient bite down on camera head. Biting down may cause the lens or surrounding glass to chip or break.

1) Why is the camera head designed the way it is?

Our camera head is designed to provide the best image stability. Our uniquely designed camera head has a bevelled neck below the lens to create a pivot point for the doctor to rest the camera on teeth or other surfaces, allowing for both stability and maneuverability. Please refer to our *Techniques* section within this booklet for further tips.

2) Why is the focus a manual slide focus?

There are a few other intraoral cameras with manual or slide focuses. However, none include the Claris' ED (Extended Depth) Focus Technology. Other manual focus cameras have a very short distance to move the focus lever, which creates difficulty in adjusting the focus correctly due to its sensitivity. The Claris was engineered to include an extended slide focus, giving the doctor more control and accuracy in focal adjustment. The Claris combines all the best features of focal control. This includes (when moving the slide focus all the way up) auto-focus and (when moving the slide focus all the way down) macro zoom. Essentially, our slide focus mimics a real photography camera, giving the doctor the power to get the image just right. These qualities are why the *Clinician's Report* awarded the Claris "Best Focus" in a study comparing all leading intraoral cameras on the market.

3) Is there a wireless camera option?

With current wireless technology, there are many problems with frequency stability and image quality, particularly since intraoral cameras require real-time video. With our Monster® USB cables, we believe the Claris has the highest quality and most secure method of image acquisition.

We are happy to answer any further questions:
1. 888. 266. SOTA • sotaimaging.com