

Gastroscope Set-up Guide

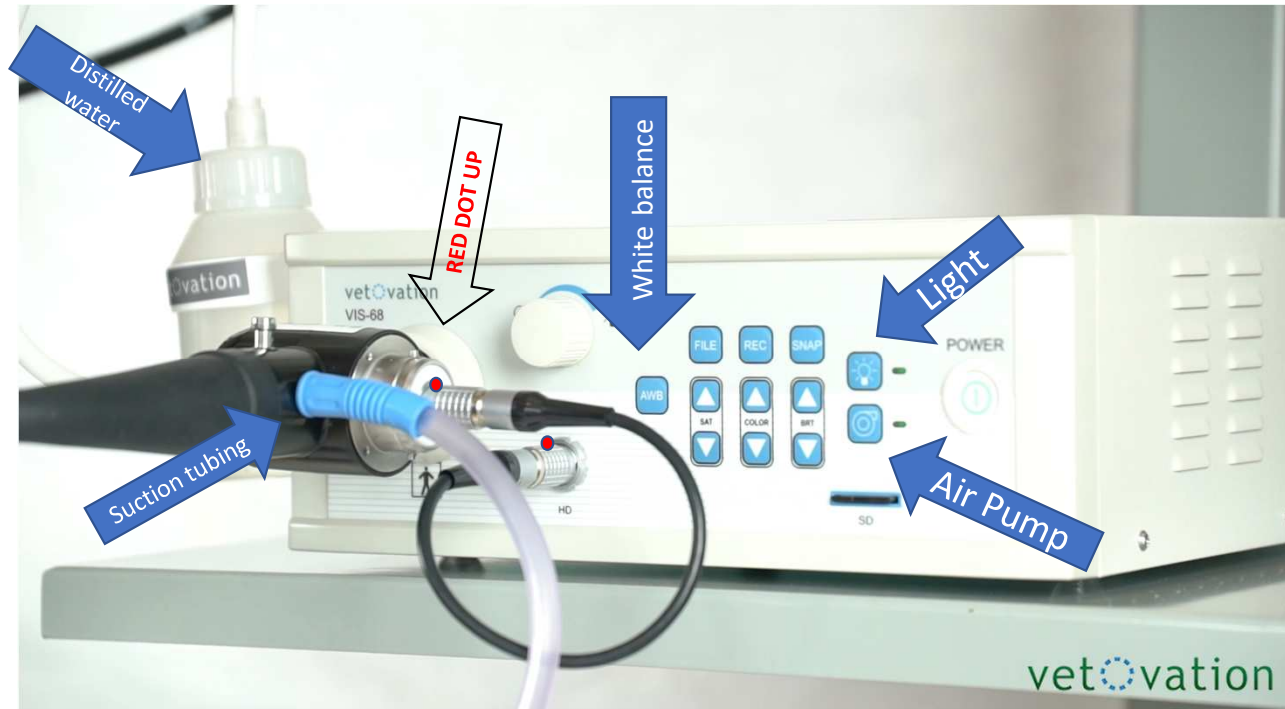


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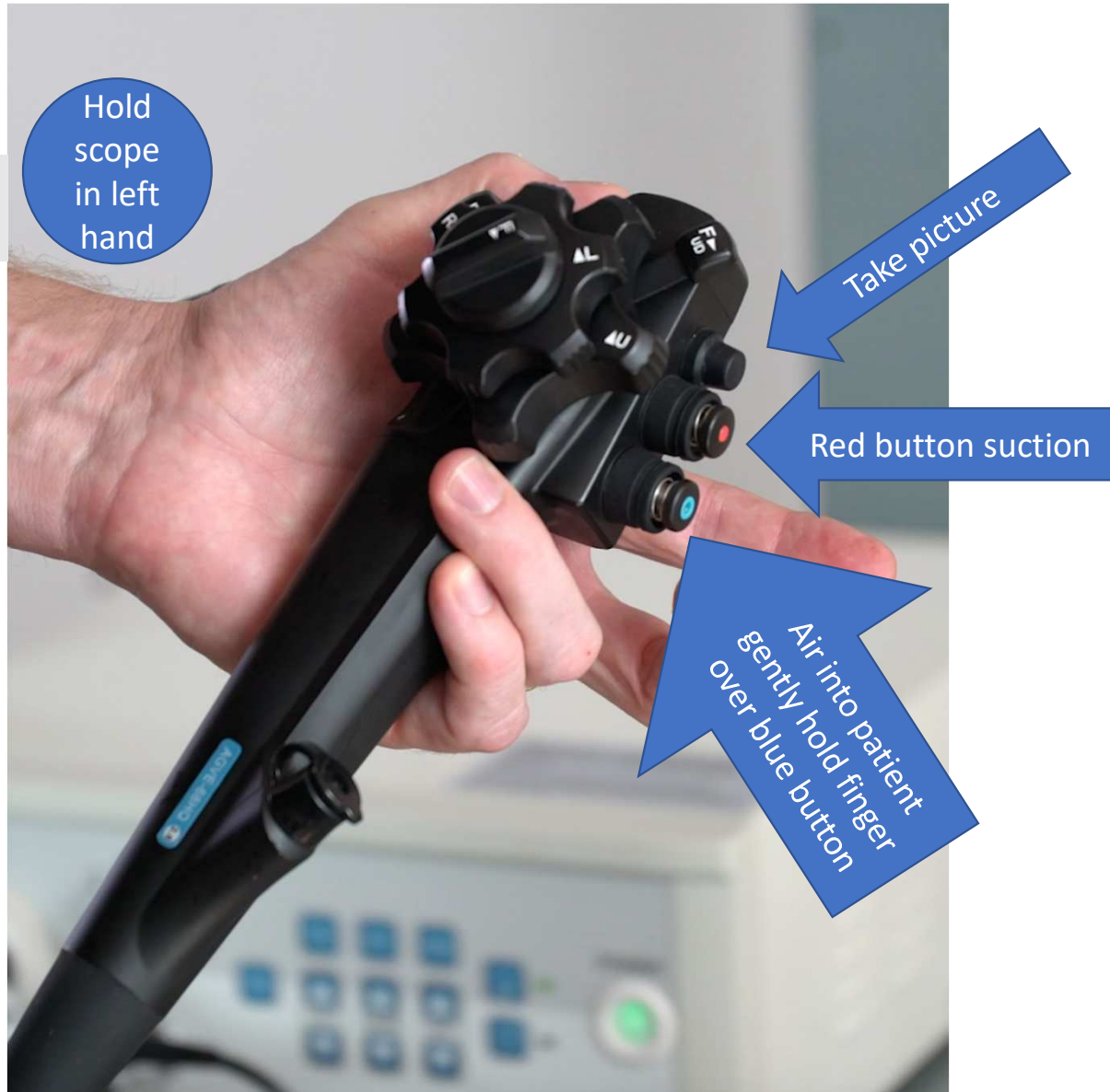
Please visit our web page at vetOvation.com for videos

System Set-up

- Only turn processor on with scope plugged in.
- Attach signal connector **RED Dot UP** on both processor and side of scope
- Turn on Light then white balance (AWB button)
- Test scope by placing tip of scope in bucket with water. Test air bubbles & saline.
- Position Patient LEFT lateral
- Mouth gag to protect scope
- Lube distal end of scope
- Connect suction to floor suction cannister
- Distilled water in bottle
- Always keep cap on working channel for air tightness
- Flush the scope at end of procedure to remove debris
- Hang to dry/when not in use



Tips and Tricks



Hold scope in left hand

Take picture

Red button suction

Air into patient gently hold finger over blue button

Cleaning

Leak test scope before and after use: Mount water resistant cap and plug for suction/water valve. Connect the leak tester, insufflate air until pressure up to test zone, then watch the pointer. If the pointer deflects, stop; if no apparent deflection ok to immerse the endoscope-keep cap on.

Steps: Clean, rinse, disinfect, rinse, alcohol, wipe and hang dry.

- Keep scope plugged in to utilize suction and air valves. If not possible, remove the scope and place **water resistant cap before immersing**. You will have to use a large syringe to suction and flush valves as directed below.
- Prepare a basin or sink with enzymatic cleaner/detergent. Follow cleaner instructions for dilution. ****Only use endoscope approved disinfectants, some solutions will damage the scope.****
- Use TeeZyme Spong—3-7 gallons, tap water ok.
- Be careful with distal end of scope—most expensive/fragile.
- Remove Red & Blue buttons and instrument insertion cap
- Immerse scope and let soak 5 min.
- Flush all channels 5 times.
- Insert cleaning brush into the instrument channel and the suction channel. Pass brush all the way through the distal end of scope, pass a few times until clear.
- Replace all valve caps.
- Suction detergent solution into scope (hold red valve down). Then flush using air and water valve (blue).
- Dispose of enzymatic cleaner, follow same steps with **distilled water**.
- Repeat steps with endoscope approved high level disinfectant.
- Flush all water out of channels, flush with 75% alcohol.
- Wipe dry, then hang for storage, protect distal end from damage while stored.



Flexible Gastroscope

Flexible Endoscopy for foreign body removal and biopsy. Specifically designed for veterinary use.

The VetOvation flexible endoscopy tower consists of the following components:
Video Scope (chip on a stick) enables outstanding images during endoscopy

Gastroscope

- 150 cm working length scope
- 8.0 mm distal end outer diameter
- 2.2 mm instrument channel inner diameter
- 3 – 100mm depth of field view
- 145 degree field of view
- High definition image
- Angulation range of bending section U210° D90° L100° R100°

LED Light Source

- 80W LED lamp
- Average bulb life 30,000 hours

Instruments included

- Snare, rat tooth grasper, 5-prong grasper
- Biopsy instrument

HD Image capture system saves pictures & video to a SD card drive

Everything your practice needs to perform endoscopy

Please review set-up & cleaning video on our web page at

vetovation.com/category/veterinary-training-videos/flexible-endoscopy-system/



Endoscope Handling

- The upper endoscope body should be held in the LEFT HAND – Angulation control knobs and valves are located on the R side
- RIGHT HAND used to advance insertion tube and apply torque to maneuver endoscope
- Endoscopic visual field is divided like the face of a clock (picture of clock) Upward deflection = large knob turned counterclockwise = 12
Downward deflection = large knob turned clockwise = 6
Right deflection = small knob turned clockwise = 3
Left deflection = small knob turned counterclockwise = 9
- TIP: If LOST or disoriented, straighten the insertion tube by releasing knobs to original position, then back out to last landmark



Disinfection Solutions and Methods

Cleaning:

- Multi-enzymatic cleaner: One Tab, Clean and Simple, etc. Check with your distributor for brand options.

Disinfection:

- 75% Alcohol

High Level Disinfection:

- 2% Glutaraldehyde
- 0.2% Peracetic Acid
- Phthalic dicarboxaldehyde

Sterilization:

- Ethylene Oxide (EO Gas)

Attention :

Prior to storage, please make sure the endoscope surface and its all channels are totally dry. Water residue may facilitate the breeding and proliferation of bacteria and cause contamination.

Suitcase is for transportation only.

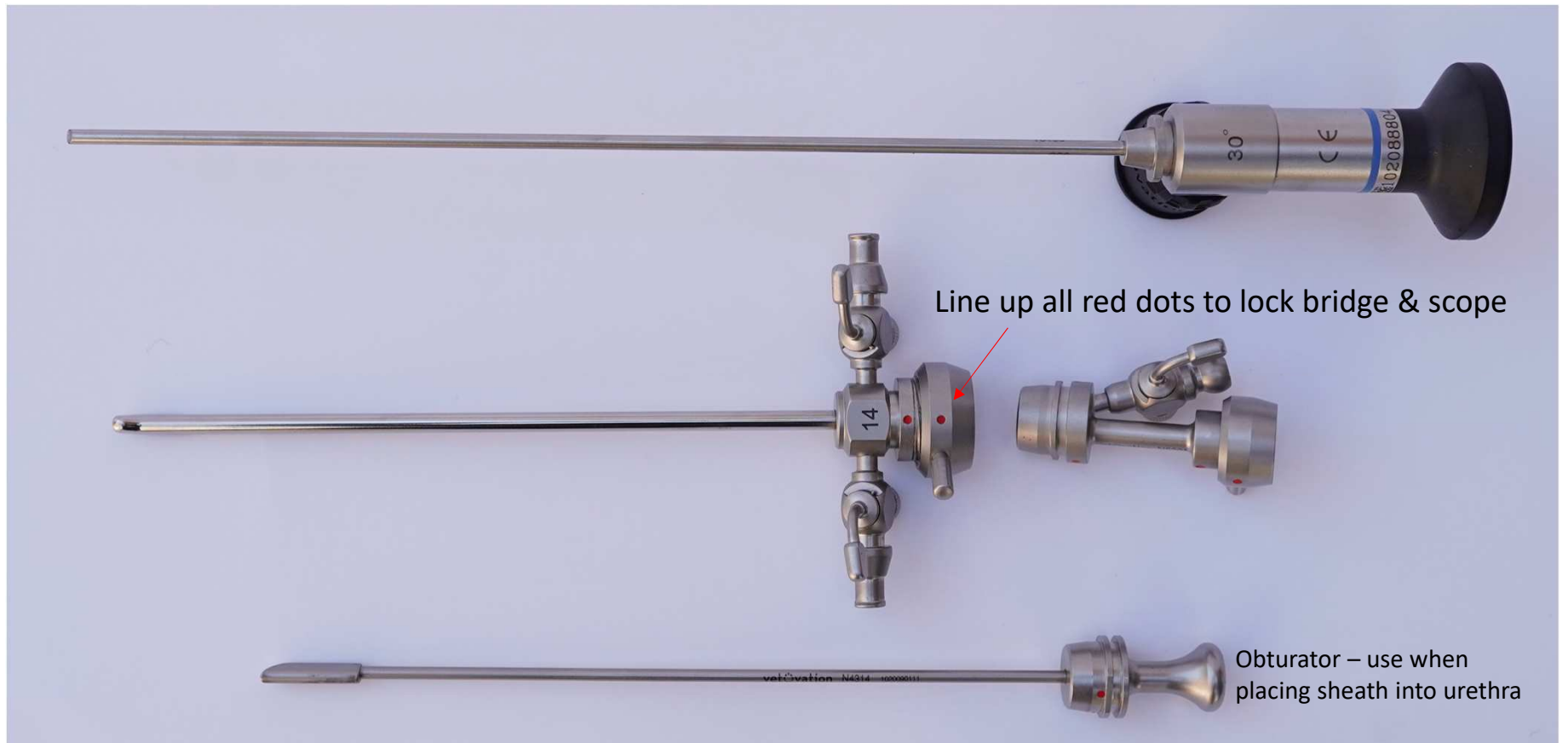
Suitcase is inappropriate for storing endoscopes after cleaning and disinfection.

Endoscope Storage

Clean endoscopes should be vertically suspended in a dry place of moderate temperate.

➤ Constant temperate ➤ Constant humidity

Rhinoscope / Cystoscope



Rhinology / cystoscopy / otoscopy / bronchoscopy / TCI Accessories



Video tower \$1,850



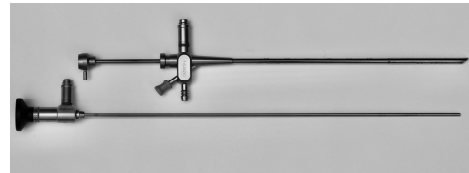
HD Camera Head \$875



Video otoscope \$1,250



Multipurpose Rhino / Cystoscope
\$1,500



TCI scope 8.5 Fr working channel x
425mm long \$ 4,500



Flexible rhinoscope /
bronchoscope /
cystoscope
Insertion tube 5.8mm
Working channel 2.0mm
Working length 1,000mm
\$7,800