



**Veterinary**  
Instrumentation

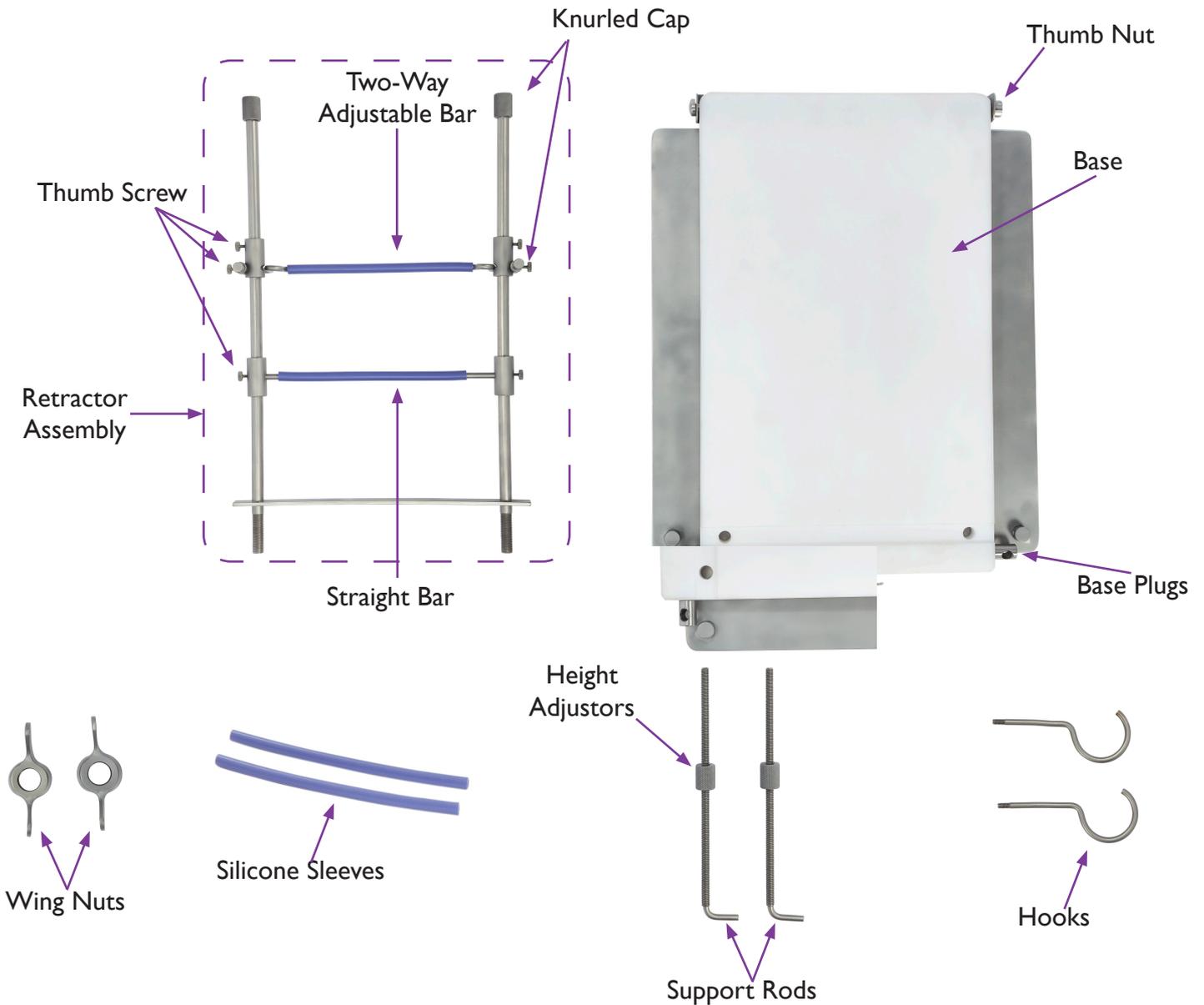
# **BOAS Mouth Gag**

## **Assembly Instructions**



# Component List

- Base x1
- Retractor Assembly x1
- Support Rod x2
- Base Plugs x2
- Wing Nuts x2
- Hooks x2
- Silicone Sleeves x2



Please note: image shows Base Plugs inserted into the Base. Some BOAS are supplied without Base plugs inserted.

The product will be covered in transport oil. Before assembly wipe down the components to remove any excess oil. Then manually wash and dry following the specific instrument care instructions.

Patent pending.

## Assembly Steps

### Step 1:

Position the **Support Rods** into the metal holes on the **Base** of the stand, making sure that the bends of the rods are positioned inwards towards the **Base**, as shown.



### Step 2:

Take the two **Base Plugs** and insert them into the holes located on the sides of the white **Base**. (Skip to Step 3 if **Base Plugs** came pre-inserted).



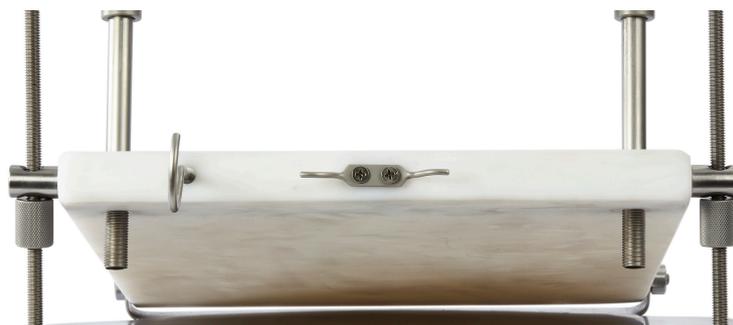
### Step 3:

Lift the **Base** and rotate the **Support Rods** upwards inserting them into the **Base Plugs**. This step may be easier with a second person. The height of the stand can be adjusted by screwing or unscrewing the knurled **Height Adjusters** on the **Support Rods**.



### Step 4:

The **Retractor Assembly** can now be inserted into the **Base** by lining up the threaded part of the **Retractor Assembly** with the holes in the **Base**.



## Step 5:

Screw the **Wing Nuts** onto the underside of the **Retractor Assembly**. This will secure the **Retractor Assembly** to the **Base**.



## Step 6:

Position the **Hooks** in your chosen locations, there is one threaded hole on the front of the **Base** and several holes in the sides of the **Retractor Assembly**. These **Hooks** are designed to hold equipment out of the surgical field of view e.g. the Endotracheal Tubes. The vertical position of the horizontal bars of the **Retractor Assembly** can be adjusted using the small **Thumb Screws** located on either side. The **Hooks** can be positioned wherever they are required. The outer **Thumb Screws** on the **Two-Way Adjustable Bar** allows for movement backwards and forwards.



## Step 7:

Place the **Silicone Sleeves** over the two horizontal bars. Silicone replacements can be purchased separately.



Before use, adjust the position and height of the horizontal bars. Ensure that everything has been tightened and secured properly. The **Cleat Hook** can be used to tie down the tongue of the patient if required.

For disassembly the steps can be followed in reverse. If further disassembly is required for cleaning, then the stand comes apart completely. To disassemble the **Retractor Assembly**, unscrew the **Knurled Caps** on the top of the bars. Loosen the horizontal bars using the **Thumb Screws** and slide them off the top of the **Retractor Assembly**. On the **Two-Way Adjustable Bar**, the small **Thumb Screws** can be taken off and the bar itself can be slid out once its **Knurled Caps** are removed. The **Base** can also be disassembled. Undo the **Thumb Nut** on the back right of the stand and then slide the bar out from the back left. The bar may require some force to remove as a tight fit is ensured from the factory so that the base is secure. This should allow the PTFE and the metal to be separated. The front **Cleat Hook** can be removed from the **Base** using a standard cruciate screwdriver.

## Specifications

- Footprint of mouth gag 500mm x 400mm.
- Max weight – base can support 40kg, but the surgeon should take care when loading the Retractor frame for a dog over 25kg as improper use can lead to damage.
- Max width 23.5cm.

To view our product assembly video, please scan the QR code below.



## Instrument Care Instructions

Please clean the metal components of this instrument with instrument detergent before autoclaving for the first time.

Failure to do so may cause staining from the transport oil. This is not a fault.

We advise against autoclaving the PTFE base and recommend manual cleaning using the instructions below.

Ongoing routine care of your instrument:

1. Rinse with tepid water immediately after use to remove all visible biological debris.
2. Manual cleaning using an appropriate instrument brush and an appropriate proprietary enzyme based, neutral pH detergent surgical instrument cleaning solution – follow manufacturer's instructions re: dilution, water temperature and exposure time.
3. It is recommended that the cleaning solution's pH value is greater than 6 and less than 9. Using solutions outside of this range may cause damage or corrosion to the instrument.
4. Thoroughly rinse the instrument in clean running water.
5. For Ultrasonic cleaning of the metal components - follow manufacturer's instructions re: dilution, water temperature and exposure time for the cleaning solution and cycle time. Use an appropriate proprietary enzyme based, neutral pH detergent surgical instrument cleaning solution. It is recommended that the cleaning solution's pH value is greater than 6 and less than 9. Using solutions outside of this range may cause damage or corrosion to the instrument.
6. Thoroughly rinse the metal components following ultrasonic cleaning – use clean running water.
7. Manually dry instruments – do not leave to air dry.
8. Lubricate all metal parts with a surgical instrument lubricant. Pay attention to moving parts.

If autoclaving is desired:

9. Remove any excess lubricant prior to packing metal components for sterilisation. Sterilise/autoclave metal components following autoclave or sterilant solution manufacturer's instructions. Use distilled water only in autoclaves. Ensure that the autoclave is maintained both correctly and regularly.



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