

Important:

GerVetUSA has designed Luxating WingAngle Stainless Steel for the use of veterinary dental professionals. We do not take any responsibility for the damage, bending, breaking, or any harm to the instrument if it is misused or improperly handled.

Moreover, the instrument is packaged non-sterile, but it is autoclavable. We suggest adopting the most suitable and recommended cleaning, disinfecting, sterilization, and sharpening methods to make the most of our product and meet the warranty criteria.



What is Luxating WingAngle?

Luxating WingAngle is a veterinary dental instrument with an angled tip. It's a hybrid of winged elevator and the anglevator.

This instrument is available in different tip sizes, each (with left and right angle) used according to the requirement of the surgeon and the procedure, i.e., the size and location of the tooth.

Intended use of Luxating WingAngle

The Luxating WingAngle is designed for cutting periodontal ligaments in animal tooth extraction procedures.

Warning!

Do not use Luxating WingAngle for the purpose other than it is intended for; otherwise, we are not responsible for any harm to the health of the instrument or the patient.

General Instructions

Carefully read these instructions regarding handling and processing our Luxating WingAngle.

- Don't bend, drop, or push the instrument against a hard point.
- Carefully handle the instrument as it features a delicate tip.
- Follow the specific restrictions on the instrument's reprocessing cycles.
- If the instrument shows any sign of corrosion or damage, replace or repair it before use.
- Process non-coated instruments apart from Color Coated WingAngle.
- Instruments forged with a material other than stainless steel should not be processed with WingAngle stainless steel.



How to Decontaminate WingAngle Stainless Steel?

The decontamination of the instrument includes cleaning, disinfecting, and sterilization with EPA-approved materials/solutions.

Cleaning:

WingAngle is a single-piece instrument, so users can adopt manual or automated cleaning processes as per their convenience.

Consider the following factors when using an automated washer disinfectant:

- Approved efficiency of the washer disinfectant.
- Both the program's suitability and the number of rinses are sufficient.
- Post-rinse only with low contaminant and deionized water, such as filtered water (maximum 10 germs/ml, maximum 0.25 endotoxin units/ml).
- Only filtered air for drying.
- The washer-disinfectant has been calibrated accordingly.

Procedure

- Place the Luxating WingAngle (s) in a cassette or a suitable tray system, then put them in the automatic washer disinfectant (no contact between the items).
- Connect the instruments to the automatic washer disinfectant's rinsing port using an appropriate rinsing adapter.
- Start the process.
- After reaching the required time, remove the instruments from the automatic washer.
- Allow the instruments to post-dry in a clean environment.

Disinfecting:

Before sterilization, proper disinfection of the WingAngle is necessary. For that,

- Immerse the instruments in an EPA-approved disinfectant for 10 to 20 minutes.
- Remove the instruments carefully.
- Rinse them once again.

Attention!

The WingAngle is not sterile after disinfecting, so it is recommended not to expose it to bleach or corrosive chemicals, as such materials can damage it. Double-check the instrument before sterilization and ensure there are no remains on it and it is properly dried.

Steam Sterilization/Autoclaving

For autoclaving

- Make sure the instruments are sealed and covered in a sterile bag or packed in a serialization cassette.
- The manufacturer's instructions concerning routine inspection and the regular maintenance of the sterilizer must be observed.
- The sterilizer must be cleaned regularly.
- Only low-contaminated and deionized water (i.e., purified water) should be used.

Follow the steam cycles listed below to ensure an efficient sterilization process.

Cycle Type	Minimum Temp.	Minimum Exposure Time/Dry Time*
Prevacuum	132°C (270°F)	5 Mins./20 Mins.
Gravity Displacement	121°C (250°F)	30-60min./45 min.

Note:

The temperature for steam sterilization should not exceed 140°C.

Restricted Sterilization Methods

We don't recommend the following sterilization methods for our Luxating WingAngle Stainless Steel Color Coated.

- Radiation sterilization
- Formaldehyde sterilization
- Ethylene oxide sterilization
- Plasma sterilization.
- Immediate-use sterilization, also called flash sterilization. Follow the manufacturer's instructions if you are going for this sterilization method.
- The application of dry heat sterilization is the responsibility of the user.

How to place and use WingAngle?

While working with a small tip luxating WingAngle to luxate and elevate the incisors of an animal, follow the steps given below.

- Find the ligament space.
- Place the luxating WingAngle over the gingival margin.
- Glide the angled edge of the blade into PDL space.

- Cut the periodontal ligaments (PDL) in several places by sliding the angled edge, not the whole tip.
- From inside, move around the blade well.
- Go as deep as you can.
- Then, switch to the other side/angle.
- Following in ligament space, go deeper with the sharp tip of the instrument.
- Rotate the instrument around the teeth to completely cut the PDL.

When you are using a larger tip WingAngle like 5mm, follow the procedure as described below.

- Line up the instrument to the tooth.
- Check if the tip fits around the crown of the tooth.
- Then, move it under the gum margin.
- Make cuts at several places around the tooth by sliding the angled edge of the instrument, not the whole tip.
- Then switch to the other side/angle of the blade.
- Glide it under the gum margin and follow that as deep as you can, traveling in the ligament space.
- Follow around the tooth until you get enough movement for the extraction.

Precaution

Don't push or rotate the Wingangle against a non-leverage point; otherwise, the tip of the instrument will be broken.

How to Sharpen WingAngle?

Through repeated uses, the tip and edge of the WingAngle may go blunt. So it's necessary to sharpen it to ensure optimum results during the procedure.

There are several types of sharpening stones and kits to sharpen the Wingangle. While using a wedge or traditional stone

- Place the blade flat against the stone.
- Raise it until the blade is completely close to the stone surface.
- Find the spot where the blade touches the stone perfectly.
- Raise and lower the blade against the stone. Repeat it several times.
- Then, pull it straight back.

- Then, rotate and drag back around the entire blade.
- Repeat it several times.
- You can place the blade on the stone and rotate your wrist at the same angle.
- Only drag the blade backward entirely on the stone.

Note - To sharpen the instrument from the inside, use conical but at your own risk as inside sharpening is not recommended.

Precautions:

- Be careful while dragging the angled edge of the instrument.
- Do not overdo the sharpening.
- Don't drag the blade forward; otherwise, the tip and the angled edge of the instrument will be damaged.
- Don't sharpen the instrument from the inside to prevent damage.
- Do not forget to clean and sterilize the instrument after sharpening and before storing.

How to Inspect WingAngle?

It is necessary to observe and cross-check the health and status of the instrument, with the naked eye, before using it.

- After washing and rinsing, check the instrument for rust, harmed surfaces, and contaminants.
- Keep the broken instrument separate and do not use it until it is replaced or repaired.
- Repeat cleaning if the instrument is still dirty.
- If required, resharpen the instruments.
- Remove all traces of the sharpening procedure, including metal dust and sharpening oil.
- Remember to repeat the cleaning and sterilization procedure when sharpening is done.

Packaging and Storing

The instrument placed in sterilization cassettes or covered in sterilization pouches, which are impermeable to microorganisms, can sustain sterility in accordance with approved criteria.

- Store Luxating WingAngle (s) after sterilization in a dry and dust-free place in the clean section of the instrument processing area.
- The wrapped products or containers must make a clear statement about the sterilization status.
- Sterile and non-sterile tools must be kept separate for safety reasons.

Warranty Policy

For complete details about our warranty policy, you can visit the home page of our website.

<https://www.gervetusa.com/>