

## DENTAL DAM CLAMP INSTRUCTIONS FOR USE

**Warnings** – Intended for professional dental use only. Clamps should be replaced if distorted, worn or cracked. The life of the clamp is dependent upon the number of uses and care taken during application, cleaning and storage. Clamps can become damaged if pH neutral detergent or cleaning solutions are not used. Clamps are known to break or become damaged after multiple uses or as a result of over extension.

**Intended Use** – The clamp is intended to be placed over a tooth to secure the dental dam in place and to clear the tissue from the procedural area.

**Instructions for Use** – Remove clamp from packaging, then clean and sterilize clamp prior to use. Tie safety ligation (dental floss) around the clamp to prevent swallowing should the clamp become dislodged or break. (See Illustration A for recommended technique). Pre-fit the clamp to ensure that there is a four-point contact with the tooth's proximal surfaces. Using the Winged Technique, a clamp is then placed into the pre-punched hole in the dam so that its wings hold the hole open. With the aid of the clamp forceps the dental dam and clamp can be placed over the tooth. The dental dam is then slipped off of the wings of the clamp and onto the tooth.



Illustration A

**Cleaning** – Clamps should be rinsed and cleaned immediately following the procedure. Failure to clean will decrease the life of the clamp and can result in staining or corroding. Rinse and remove excess materials prior to ultrasonic cleaning. Use a pH neutral cleaning solution, such as, but not limited to BioSonic UC30 General Purpose or UC31 General Purpose with Rust Inhibitor, and follow the instructions provided by the manufacturer of the ultrasonic cleaner. Rinse cleaning agents from clamps. Inspect to confirm that all materials have been removed from clamp. Repeat if necessary. Allow clamps to dry. Refer to P/N 20004841 Dental Dam Accessories Cleaning IFU for detailed cleaning instructions.

**Sterilization** – Important, if any material is left on the clamp, it may hinder sterilization of the clamp.

Autoclave (Steam Sterilizer) for 15 minutes at 132°C/270°F in gravity autoclave.

or

Autoclave 4 minutes at 132°C/270°F in a pre-vacuum sterilizer

Follow autoclave manufacturer's instructions to ensure that maximum load is not exceeded.

**Inspection** – Always inspect the clamp for proper tension, distortion, wear or damage before use. Discard clamps if any deficiency is noted.

**Care** – To ensure maximum usage, do not bend or distort the clamp. Do not let clamps get scratched by other clamps or instruments.

When using obturation techniques involving sodium hypochlorite, ensure clamps are rinsed immediately with water after the procedure. Prolonged contact with sodium hypochlorite can cause pitting of the clamp which results in a significantly shorter clamp life.

Following these instructions will help extend the life of the clamp. It is the responsibility of the user to see that these steps and precautions are taken.

**Notice: Report any serious incident that has occurred in relation to this device to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.**

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