

**ez DAM<sup>®</sup>**

**INSTRUCTIONS**





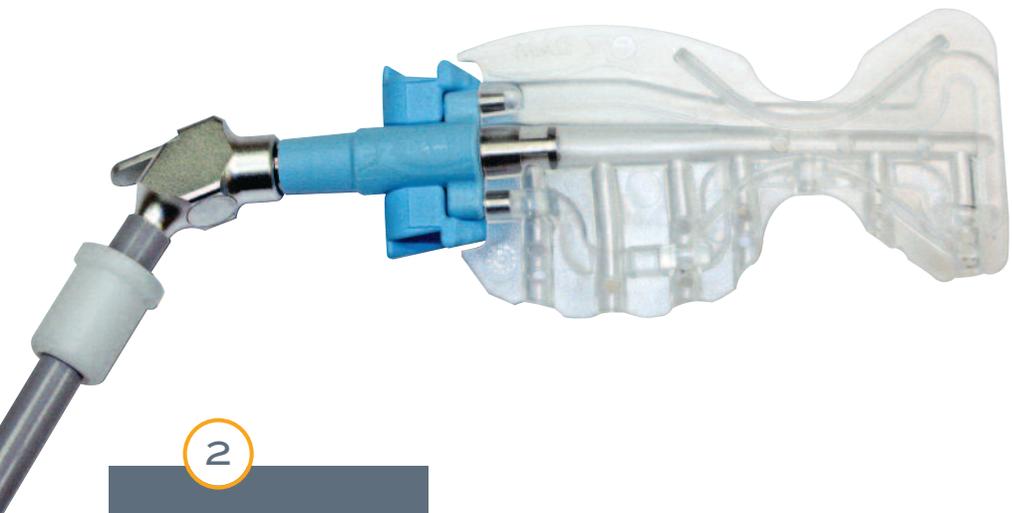
## THANK YOU!

Thank you for investing with Synca in yet another great product that will improve your practice efficiency, provide a well isolated work environment, and deliver that peace of mind knowing that the patient is well protected and resting comfortably - EZ DAM®!

Synca is proud to manufacture this product in Canada, and we welcome you to try out this new and improved dental revolution that is EZ DAM®. Please enjoy the ease and comfort that EZ DAM® will bring to your daily routine. We know you, your staff and your patients are going to love it!

Cordially,

**Raymond Monette**  
CEO





# TABLE OF CONTENTS

Description & Applications .....3

EZ DAM® Parts Descriptions .....5

Installation & Use .....7

Getting to know EZ DAM® .....11

Sterilization & Disinfection .....12



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To reorder in other countries, contact your local distributor. For a list of distributors, email us at [information@synca.com](mailto:information@synca.com).*

## DESCRIPTION & APPLICATIONS



### EZ DAM® Description

EZ DAM® is one of the few versatile products in dentistry that simultaneously completes 5 different tasks. It retracts the tongue, retracts the cheek, is a throat pack, is a bite block and performs high volume suction - all at once. This truly benefits both you as a dental professional and your patients by saving valuable time, while providing a more comfortable and safer dental experience. It eliminates the need to focus on suctioning so the dental team can concentrate on the procedure. The following is a list of some applications where EZ DAM® has proven to be beneficial:

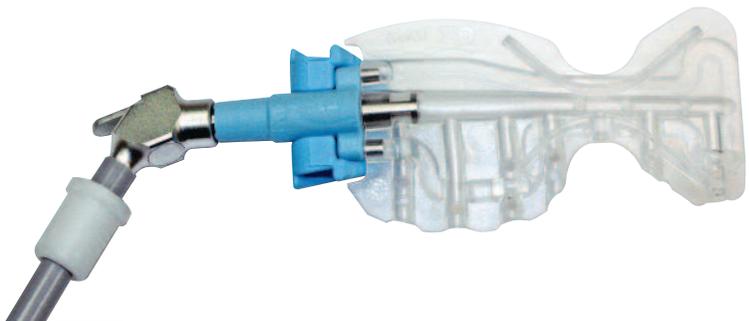
### Restorative dentistry

Proper isolation of the oral cavity reduces humidity, protects the patient, offers less interruptions, provides retraction of the cheek and tongue, isolates the working field, and evacuates fluid from the oral cavity.

EZ DAM® allows for predictable results, increases resin bond strengths to teeth and decreases microleakage. Proper isolation prior to the placement of dental sealants is imperative to the long-term success of the bond. Restorative outcomes are improved by keeping the mouth dry and facilitating better impressions. The bottom line: better, consistent moisture control results in superior success.

#### *Perfect for:*

- Sealants/Fillings
- Inlays/Onlays
- Crowns/Bridges
- CAD CAM
- Laser dentistry
- Implants
- Veneers





## DESCRIPTION & APPLICATIONS

### Hygiene

EZ DAM® is perfect for hygiene, it allows you to work quickly and easily in two quadrants at a time, increasing efficiency and streamlining procedures. The bite block is more comfortable for the patient and the specially designed customizable mouthpiece offers safety from injury, aspiration, reduces aerosolic particles and decreases other potentially infectious materials when using highspeed handpieces and ultrasonic scalers.

*Ideally suited for the following:*

- Sealants
- Prophylaxis
- Ultrasonic scaling and root planing

### Surgery

When performing sedation EZ DAM® helps keep the mouth propped open for easier access to the oral cavity. It also retracts, protects and manages the airway and soft tissue during the procedure. EZ DAM® is great for placing implant screws and other small devices by keeping everything out of the way, protected and dry.

### Other uses

Dental emergencies are unpredictable and are time critical. EZ DAM® provides your team with a safe and efficient way to control the oral environment regardless of the situation. The versatile combination of retraction, suction, throat packing and bite block allows the situation to be managed quickly and safely. Also, once anesthetized, the mouthpiece acts as a barrier for dislodged or undetected objects in the mouth. This is very convenient especially when multiple quadrants are involved.

Flexibility and freedom – EZ DAM® acts as a continual suction assistant which can free up your staff for other needs.

# EZ DAM® PARTS DESCRIPTIONS



Small

Small-Medium

Medium

Large

X-Large

## The bite blocks

The bite blocks come in 5 different sizes: Small, Small-Medium, Medium, Large and X-Large. The Small size bite block is great for children under 12 years of age. The Small-Medium bite block is ideal for small framed patients, especially females and teenagers. Medium, Large and X-Large bite blocks are fitted mostly for males. The way you gauge the bite blocks is to size the block to roughly 2/3 to 3/4 of a full mouth opening. One of the benefits of the EZ DAM® system is that the bite blocks are interchangeable quickly so you can easily size up the patients. You can sterilize the ones you've tried in, in order to be ready for the next patient.

## The core

The core is the connector that is the heart of the EZ DAM® system. You attach the bite block, mouthpiece and suction hose to it in order to configure the system for use. Make sure that you have the right orientation while assembling the system. (see Installation & Use #2)



## The suction hose

The suction hose comes with a control valve for suction at the top end so you can control the suction strength right at the oral cavity. On the other end of the hose is a high volume suction adaptor so it can easily be inserted into the HVAC to commence working with EZ DAM®. This allows the EZ DAM® system to easily be used and shared in several operatories. At the other end there is a nylon stopper around the hose to provide more width for mounting support.





## The T-connector

The T-connector allows you to permanently install EZ DAM® in your operatory by sharing the HVAC line. All you do is connect the T-Connector to your existing HVAC line which permits you to attach the EZ DAM® tubing in order to have both suction modalities available simultaneously.

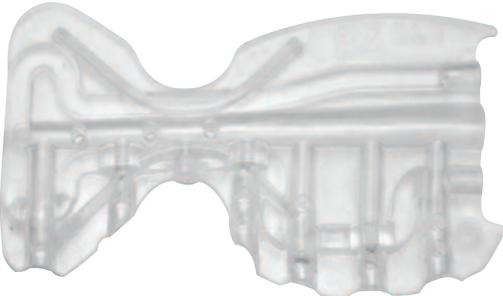
### Adult Soft



### Junior Soft



### Adult Retract



## EZ DAM® Mouthpieces

The EZ DAM® system has 2 different mouthpiece choices; "Soft" and "Retract".

The **"Soft"** mouthpiece is made of a unique latex-free material called Dynaflex, which is very flexible and trimmable. The soft mouthpiece comes in both "Adult" and "Junior" sizes and is recommended for all patients. The flexibility of the mouthpiece allows the practitioner to move freely by displacing the mouthpiece as they work around the oral cavity.

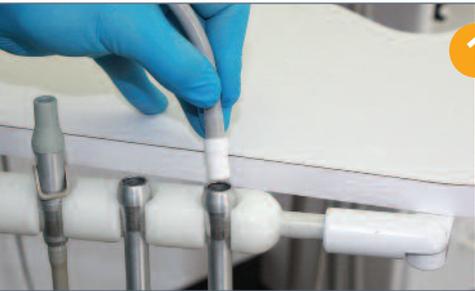
The **"Retract"** mouthpiece is also made from Dynaflex, but is more rigid and provides better retraction. It is also trimmable and is only available in the Adult size. The "Retract" mouthpiece is recommended for patients who are tongue thrusters and or patients that have thicker cheeks.

*All EZ DAM® mouthpieces are disposable and are for single use only.*

## INSTALLATION & USE



Adapting the EZ DAM® unit to your operatory chair is easy! Simply follow the instructions below to start using the system in just minutes.



1

Plug the HVAC adaptor side of the EZ DAM® suction hose directly into the HVAC metal receptacle.



2

Take your EZ DAM® core and choose the right sized bite block for the individual patient. A good way to measure is to choose a bite block that keeps the mouth open approximately 2/3 to 3/4 of their maximum capability.

*TIP: note in the patients file – the bite block size you chose.*

Slide the bite block onto the EZ DAM® core stabilizing pin as shown here.



3

Insert the EZ DAM® core single end into the valve of the suction hose. You should hear and/or feel the EZ DAM® core snap into place.

Attach the appropriate mouthpiece to the EZ DAM® core by aligning the three holes of the mouthpiece with the two stabilizers and central suction input of the EZ DAM® core. Slide on until fully inserted up to the plastic EZ DAM® core body.

*TIP: note in the patients file – mouthpiece size and if mouthpiece was trimmed in relation to palate height for patient comfort.*



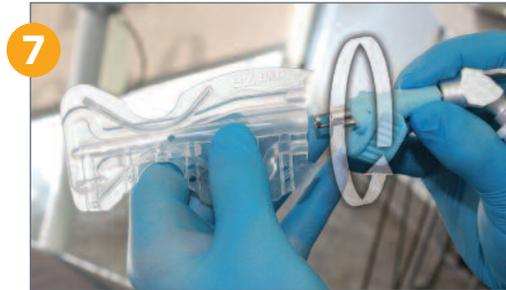
When attaching the mouthpiece, make sure that the suction channels are pointing downward and that you bend the mouthpiece away from the bite block.



Fold and grasp the mouthpiece as shown for an easier insertion technique and placement.



In order to work on the opposing side of the mouth simply remove the mouthpiece from the EZ DAM® core, rotate the EZ DAM® core 180 degrees and reinsert the mouthpiece. Remember to bend away from the bite block.





When inserting make sure **to clear the upper and lower distal molar** area for proper throat packing.

### OPTION: Installing the T-connector

If you would like to install the EZ DAM® system permanently in your operatory, use the T-connector to split the HVAC hose.



1. Make sure your hi-vacuum unit is turned off.
2. Cut your hi-vacuum suction hose approximately 4" below where it connects to your equipment tray. Apply lubricant on ends "A" and "B" of T-connector & slide the ends of the cut hose as shown in the picture below.
3. Unplug\* the white HVE adaptor from your 6' EZ DAM® suction hose and attach that hose to "C" of the T-connector. (Store HVE adaptor in a safe place for future use, if needed.)



*\*An alternative option is to cut a small section (1/2") of the 6' suction hose where the HVE adaptor is connected if you have trouble removing it manually.*



## GETTING TO KNOW EZ DAM®

### Preparing the patient experience

We highly recommend that every team member experience the EZ DAM® system in their own mouths. Like any other change in the routine, staff members have to be comfortable with what they are using with patients and how they will introduce it to patients. Be sure to introduce the EZ DAM® system as a better way to protect the patient's soft tissues, to prevent anything from getting into the back of the mouth, and as an ideal way to suction and keep the mouth properly isolated for a superior treatment outcome. The unique design of the system allows patients to rest their jaws on the bite block and keeps the cheek and tongue at bay out of the way of any instruments or handpieces. Let them know that your office is now "clamp free" and that you've invested in this technology in order to provide the very best safety and care available. As for gagging patients this system may help them as they have space for the tongue to go on the side and they can feel secure by biting down onto something. We recommend you use the system, play with the EZ DAM® positioning from 1<sup>st</sup> premolar to canine area and adjust accordingly for access and comfort.

### Single Use

All mouthpieces are disposable and are one time use only. Do not autoclave or disinfect the mouthpieces as they were not designed to do this. The channels and materials are not suited for proper sterilization and the mouthpieces must be disposed of after each use.



## GETTING TO KNOW EZ DAM®



### Sterilization and disinfection of the parts

1. Disconnect the mouthpiece and discard.
2. Disconnect the EZ DAM® core and bite block from the valve.
3. Remove the bite block from the EZ DAM® core.
4. Autoclave the EZ DAM® core and bite block in separate sterilization pouches. Do not use dry heat mode. Keep the temperature between 120°C and 132°C. The EZ DAM® core can also be cold soaked.
5. Run disinfectant solution through the suction hose after each use. Do not autoclave the suction hose.
6. Store items in sterilized pouches until the next use.
7. All parts must be completely dry and cooled down before use.

### *Important, doing any of the following will void warranty:*

- DO NOT stack items or place heavy instruments on top of bite blocks or EZ DAM® core during sterilization.
- DO NOT autoclave above 132°C.
- DO NOT chemiclave.

### Questions, comments, concerns

We want to hear from you! If you have any questions or comments please contact us and we will be happy to help you.

On behalf of the team at Synca - THANK YOU FOR YOUR BUSINESS!  
Visit [www.synca.com](http://www.synca.com) to see more Smart Solutions for your success.

*The Synca Team!*

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