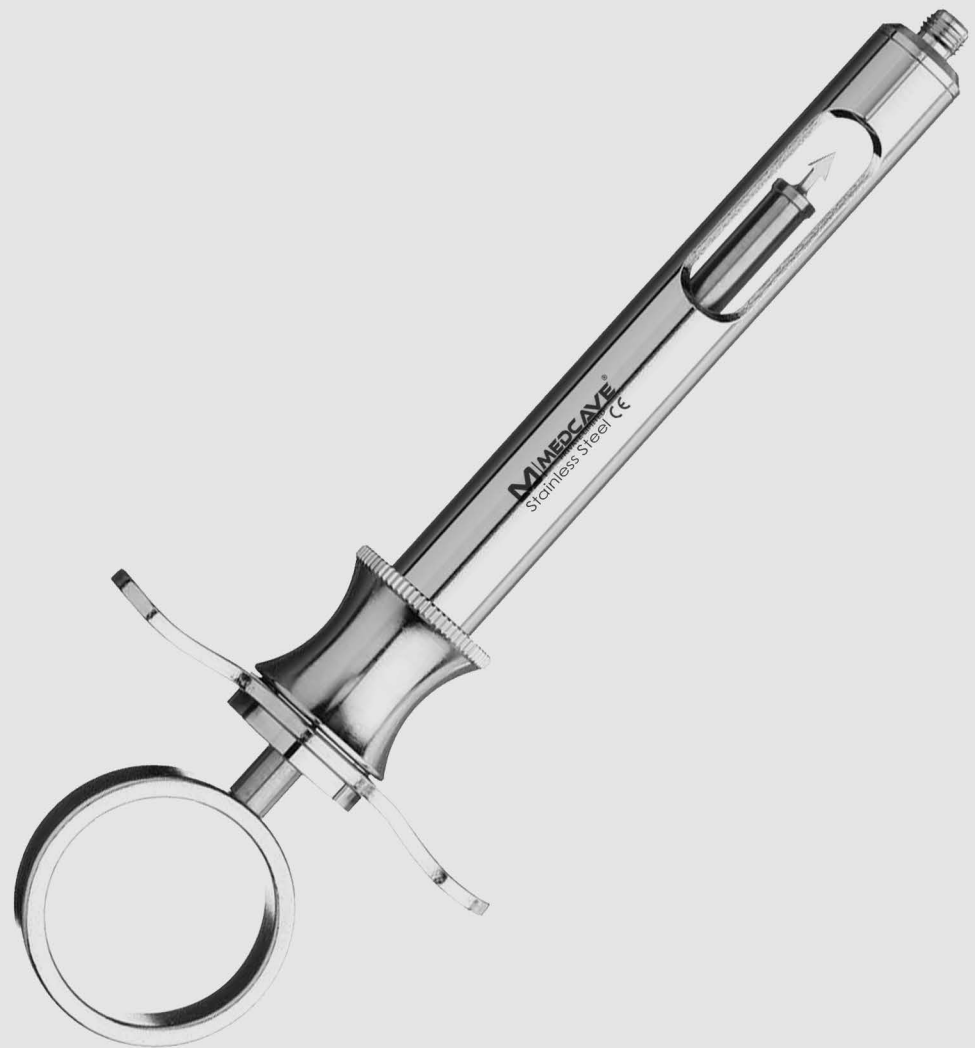


# Anesthesia - Anestesia - Anästhesie

[www.medcave.com](http://www.medcave.com)

**M** | **MEDCAVE**<sup>®</sup>  
PRIVATE LIMITED

*Better Dentistry with Quality*



*Serving for Humanity*



# Anesthesia



*Guaranteed Quality  
Longer Life than Brass Syringes  
No Chipping of Chrome  
Sterilizable by any method*

**MD11-01**  
*Angled*



**MD11-02**  
*Straight*



Made of Stainless Steel  
Suitable for use with all 1.8ml dental cartridges  
Inject 0.05ml with every click  
Exact dosage every time  
Supplied with straight and angled tubes

Intraligamental Syringe



Medcave Ject  
**MD11-03**  
*Angled*



Medcave Ject  
**MD11-04**  
*Straight*



Intraligamental Syringe

Made of Stainless Steel  
Medcave Ject  
Metric Thread  
1.8ml  
Inject 0.06ml with every click  
Exact dosage every time  
Suitable for use with all 1.8ml dental syringe  
Supplied with straight and angled tubes



Intraligamental Syringe

**MD11-05**

Made of Stainless Steel  
Medcave Ject  
Metric Thread  
1.8ml  
Inject 0.06ml with every click  
Exact dosage every time  
Suitable for use with all 1.8ml dental syringe  
Supplied with straight and angled tubes



*Swedish Pattern*



Pen Style Intraligamental Syringe

**MD11-06**

Made of Stainless Steel  
Medcave Ject  
Metric Thread  
1.8ml  
Inject 0.06ml with every click  
Exact dosage every time  
Suitable for use with all 1.8ml dental syringe  
Supplied with straight and angled tubes

*Use Medcave's Premium Quality Stainless Steel Syringes to give the anesthesia to patients without any problem.*



Pen Style Intraligamental Syringe

**MD11-07**

Made of Stainless Steel  
Medcave Ject  
Metric Thread  
1.8ml  
Inject 0.06ml with every click  
Exact dosage every time  
Suitable for use with all 1.8ml dental syringe  
Supplied with straight and angled tubes



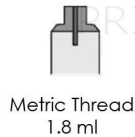
Self and Manual Aspirating Syringe  
**MD11-08**



Disc System  
Dual Self Aspirating System  
Disc System Syringe has dual aspiration feature to achieve self aspiration  
Aspiration before injection  
Insert syringe in tissue and press thumb disc to achieve aspiration  
Aspiration during injection  
Automatic aspiration occurs when pressure on the plunger is released



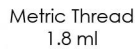
Self and Manual Aspirating Syringe  
**MD11-09**



Projection System  
Aspiration during injection  
Automatic aspiration occurs when pressure on the plunger is released



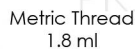
Self and Manual Aspirating Syringe  
**MD11-10**



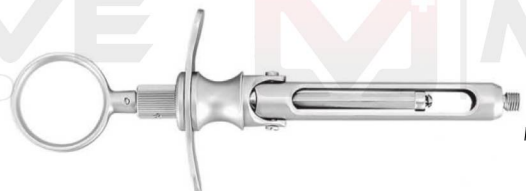
Dual aspiration system, self and manual aspirating syringe  
During injection aspiration can be achieved either manually by retracting the plunger backward or simply releasing pressure on the plunger will produce self aspiration



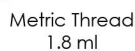
Self and Manual Aspirating Syringe  
**MD11-11**



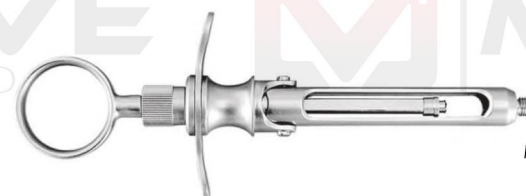
Dual aspiration system  
During injection aspiration can be achieved either manually by retracting the plunger backward or simply releasing pressure on plunger will produce self aspiration



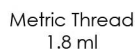
Self and Manual Aspirating Syringe  
**MD11-12**



4 movable hooks securely hold the cartridge for safe aspiration the syringe also has self aspiration feature.



Self and Manual Aspirating Syringe  
**MD11-13**

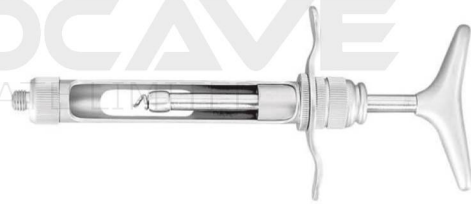


3 movable hooks securely holds the cartridges for self aspiration, the syringe also has self aspiration feature.



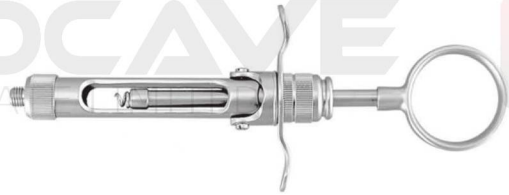
# Anesthesia

Made of Stainless Steel Materials  
T-Shaped Handle  
Metric Thread  
1.8ml



Manual Aspirating Syringe  
**MD11-14**

Made of Stainless Steel Materials  
Euro Breach Loading,  
Ring Handle  
Metric Thread  
1.8ml



Manual Aspirating Syringe  
**MD11-15**

Made of Stainless Steel Materials  
Euro Breach Loading, T-shaped handle  
Ring Handle  
Metric Thread  
1.8ml



Manual Aspirating Syringe  
**MD11-16**

Made of Brass Chrome Plated with Plastic Handle  
Stainless Steel Plunger  
Guaranteed Quality  
Sterilizable by any method  
Piston Ject  
Metric Thread  
1.8 ml  
Injects 0.20 ml with every click  
Exact dosage every time  
Suitable for use with all 1.8 ml dental  
cartridges

Intraligamental Syringe  
**MD11-16G**

**BRASS**

*Series*



Made of Stainless Steel Materials  
3 - Rings  
Metric Thread  
1.8ml



Manual Aspirating Syringe  
**MD11-17**

Made of Stainless Steel Materials  
Euro Metric Thread  
1.8ml



Manual Aspirating Syringe  
**MD11-18**



**BRASS**

*Series*



Made of Brass Chrome Plated  
Stainless Steel Plunger  
Guaranteed Quality  
Sterilizable by any method  
Piston Ject  
Metric Thread  
1.8 ml  
Injects 0.20 ml with every click  
Exact dosage every time  
Suitable for use with all 1.8 ml dental  
cartridges

Intraligamental Syringe  
**MD11-19**



Intraligamental Syringe  
**MD11-20**

Made of Brass Chrome Plated  
Stainless Steel Plunger  
Guaranteed Quality  
Sterilizable by any method  
Swedish Ject  
Metric Thread  
1.8 ml  
Injects 0.60 ml with every click  
Exact dosage every time  
Suitable for use with all 1.8 ml dental  
cartridges

Made of Brass  
Stainless Steel Plunger  
Disc System  
Metric Thread  
1.8 ml



Manual Aspirating Syringe  
**MD11-21**

Made of Brass  
Stainless Steel Plunger  
Type A  
Metric Thread  
1.8 ml



Manual Aspirating Syringe  
**MD11-22**

Made of Brass  
Stainless Steel Plunger  
Type C  
Metric Thread  
1.8 ml



Manual Aspirating Syringe  
**MD11-23**

Made of Brass  
Stainless Steel Plunger  
P-Ject  
Metric Thread  
1.8 ml



Manual Aspirating Syringe  
**MD11-24**

Made of Brass  
Stainless Steel Plunger  
Euro Breach Loading, T-Handle  
Metric Thread, 1.8 ml



Manual Aspirating Syringe  
**MD11-25**

Made of Brass  
Stainless Steel Plunger  
Euro Breach Loading, Ring Handle  
Metric Thread, 1.8 ml



Manual Aspirating Syringe  
**MD11-26**

Made of Brass  
Stainless Steel Plunger  
2-Rings  
Metric Thread, 1.8 ml



Manual Aspirating Syringe  
**MD11-27**

Made of Brass  
Stainless Steel Plunger  
3-Rings  
Metric Thread, 1.8 ml



Manual Aspirating Syringe  
**MD11-28**

Made of Brass  
Stainless Steel Plunger  
Euro  
Metric Thread, 1.8 ml



Manual Aspirating Syringe  
**MD11-29**



## COMFORT GRIP

*Silicon Grip*

*Available in Stainless Steel and Brass*



RED

Metric Thread 1.8 ml  
**MD11-30** (Stainless Steel)  
**MD11-31** (Brass)



PURPLE

Metric Thread 1.8 ml  
**MD11-32** (Stainless Steel)  
**MD11-33** (Brass)



PINK

Metric Thread 1.8 ml  
**MD11-34** (Stainless Steel)  
**MD11-35** (Brass)



BLUE

Metric Thread 1.8 ml  
**MD11-36** (Stainless Steel)  
**MD11-37** (Brass)

"A" Type -  
Aspirating Syringe  
Replacement Tips



**A**  
MD-211-040

"C-W" Type -  
Aspirating Syringe  
Replacement Tips



**C-W**  
MD-211-041



**MD-211-038**  
Spare cap with  
metric thread



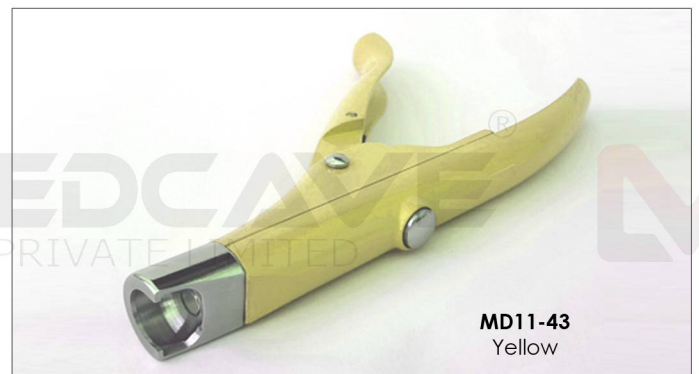
**MD-211-039**  
Spare cap with  
imperial thread

## GIC APPLICATORS

The Medcave Dental Applicator features a hand-contoured design for maximum comfort and provides easy oral access. The GIC applicator delivers controlled extrusion for simple and placement and works with all GIC capsules. Applicator is robust and long lasting. Made of high quality metal alloy to ensure durability and easy handling specially in matters of hygiene. Fully autoclaveable with no sharp edges, the Applicator is easy to clean and maintain.



**MD11-42**  
Sky Blue



**MD11-43**  
Yellow



**MD11-44**  
Pink



**MD11-45**  
Green



The anesthesia intraligamentary allows to inject the anesthetic directly into the ligament of the tooth so that ensure the rapid and total anesthesia only the affected tooth without having to anesthetize instead more generically and area as happens with normal anesthesia



MD11-54 (Sky Blue)

### Product Features

Angled Tip of 45 degree in order make more convenient the opertivita.

Insert anesthetic with finest.

Handle with lever dosage convenient to work in both the top and the bottom of the oral cavity.

Processing much less traumatic than to classical anesthesia.

Less quantities of anesthetic given for each dose 0.06 ml for single push.

### Advantages

Quick effect of anesthetic.

Eliminated the risk hematoma formation.

Plus possibility of processing of teeth located in different position.

Effect of anesthetic circumscribed even just at a single element to be treated.

Easy to operate.

Lower emotional impact on patient.



Suitable for Upper and Lower, just turning the front barrel



## ALUMINUM Syringes



MD11-46 (Blue)



MD11-47 (Purple)



MD11-48 (Pink)



MD11-49 (Red)



MD11-50 (Golden / Yellow)



MD11-51 (Orange)



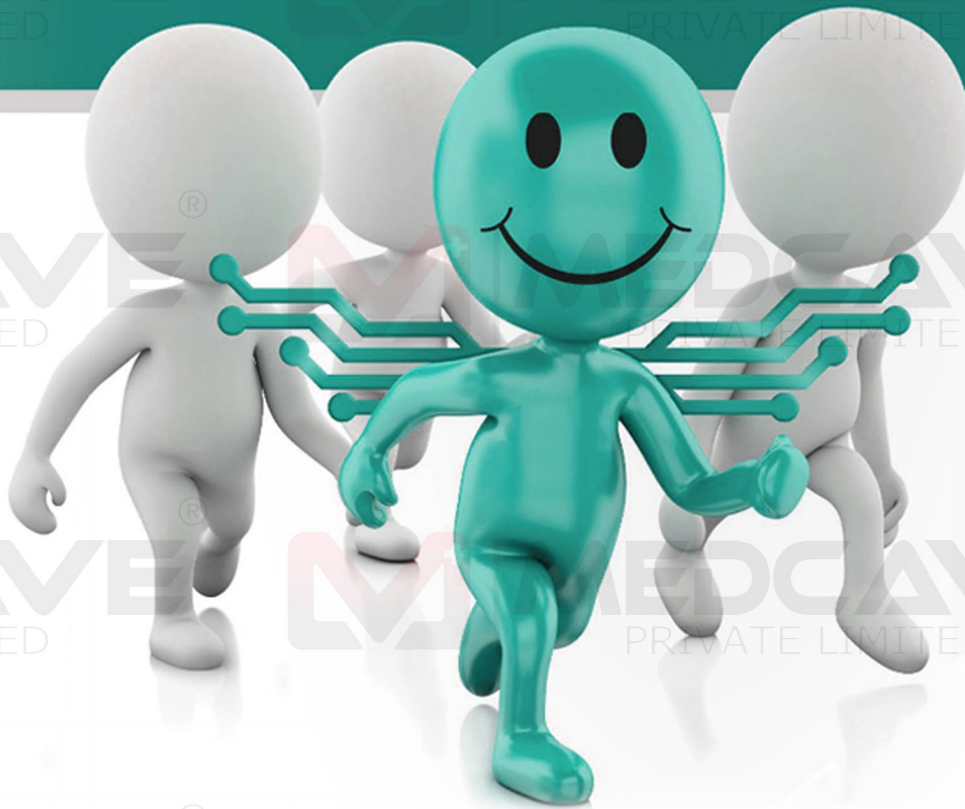
MD11-52 (Green)



MD11-53 (Black)

# LEADING THE COMPETITION

IN EXPERIENCE, COST, CUSTOMER SERVICE AND QUALITY!



Intraligamentary Syringe



Local anesthetic armamentarium (from top): needle, cartridge, syringe.



Retract the piston.



Insert the cartridge.



Engage the harpoon in the plunger with gentle finger pressure.

## Local Anesthesia in Today's Dental Practice

The dental assistant is often responsible for preparing the anesthetic syringe for use by the operator (i.e. the dentist or hygienist)

When assembling a syringe, always wear gloves and protective eyewear, keep the needle sterile, and use care to avoid needlesticks. Keep the needle pointed away from yourself at all times.

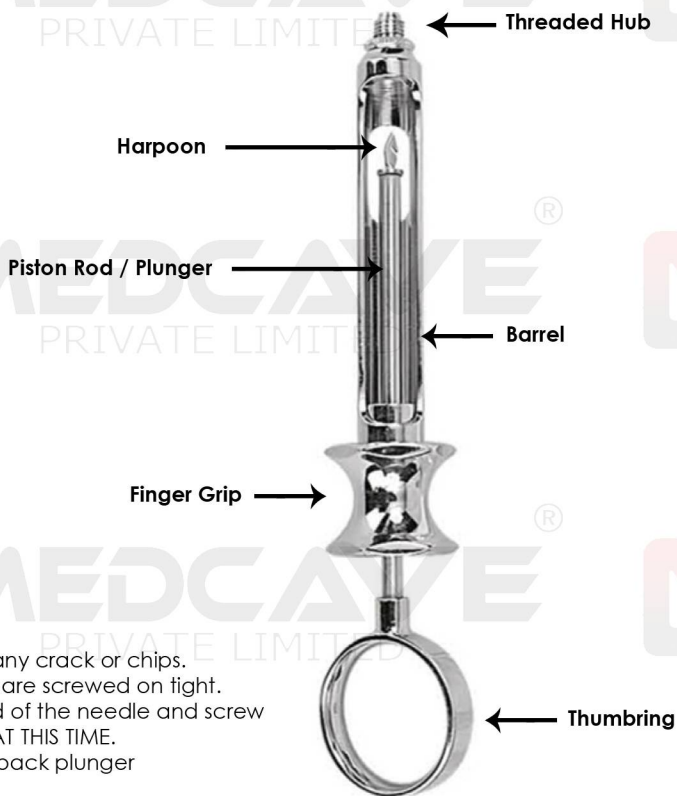
Needles are capped on two sides. Unlock the cap from the shortest side, holding the sharp end away from you. Screw this side of the needle into the hub of the syringe. Then, holding the syringe in one hand, insert an anesthetic cartridge into the syringe. At the same time use the other hand to pull back the plunger, making room for the cartridge. Always keep the patient side of the needle capped and sterile at all times. The steps for assembling a syringe are summarized in Table 4.

Table 3. Armamentarium Needed for Injection Procedures.

### Armamentarium Needed

- Topical Anesthesia
- Sterile cotton tip applicators
- Sterile gauze sponges
- Needle shield or recapping device
- Sterile Syringe
- Anesthesia carpules
- Appropriate dental needles

*Better Dentistry with Quality*



### Table 4. Syringe Assembly

#### Steps to Assembling an Anesthetic Syringe

Select anesthetic cartridge type as indicated by the dentist and appropriate to the patient's health history.

Check cartridge for expiration date, clearness of solution, and any crack or chips.

Check the syringe to be sure the thumb ring and threaded hub are screwed on tight.

Remove the protective cap (clear plastic) from the shortest end of the needle and screw it into the hub of the syringe. **DO NOT REMOVE NEEDLE COVER AT THIS TIME.**

(1) Hold the syringe in one hand and use the thumb ring to pull back plunger for insertion of cartridge.

(2) With other hand, load cartridge into the syringe barrel opening, the stopper end first towards plunger.

(3) Use other hand to apply firm pressure or a gentle tapping to engage the rubber stopper of the cartridge into the harpoon of the syringe.

Check to see harpoon is engaged and the cartridge is free of air bubbles.

Release a small amount of anesthetic to check that the needle end inside the cartridge is not bent.

*A clinician ability to administer an effective, safe and atraumatic local anesthesia injection to a child (or adult) is a major factor in creating a patient with a life long acceptance of dental treatment. Rather than avoiding local administration for fear of traumatizing the pediatric patient, the clinician should strive to learn and use the latest modalities of local pain control to create a pleasant and comfortable dental experience for the patient.*



Do not exert force on the plunger; the glass may crack.



Used for precision suction at surgical sites/irrigation at surgical sites



Medcave suction tubes have notch at the working end to prevent premature suction



Stainless Steel aspiration tubes (Length: 17.5cm)

MD11-57  
1.5mm Ø

MD11-59  
4mm Ø

MD11-58  
3mm Ø

MD11-60  
5mm Ø

The frazier Aspirator comes with a removable wire stylette used to clean out bone or teeth fragments from the tip.

### Frazier Suction Tube

MD11-61	1.5mm
MD11-62	2.0mm
MD11-63	2.5mm
MD11-64	3.0mm

Internal diameter of tip mentioned above



MD11-65

1.5mm Surgical Suction with Vacuum Relief Hole

MD11-66

2.5mm Surgical Suction with Vacuum Relief Hole



MD11-67

Minnesota Retractor with Suction



MD11-69

Cannula for water syringe  
Luer-Lock port



MD11-70

Suction and Irrigation Cannula  
Ø 1.0mm - 5.0cm  
Female Luer-Lock port



MD11-68

Water Syringe self filling  
with Luer - Lock cannula 10ml





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## **Medcave Private Limited<sup>®</sup>** **Corporate Head**

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