

# Dental Instruments



# AA

Anesthesia

Anestesia

Anästhesie

*Quality makes Dentistry Better*

 **ACUMED**  
International Co.

Serving Healthcare Worldwide Since 1984

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

**INOX**  
STAINLESS STEEL

AA-01  
Angled



AA-02  
Straight



Intraligamentary Syringe

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

AA-03  
Angled



AA-04  
Straight



Intraligamentary Syringe

Made of Stainless Steel  
Acumed 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



Intraligamentary Syringe

AA-05

Made of Stainless Steel  
Acumed 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 Intraligamentary Syringe

AA-06

Made of Stainless Steel  
Acumed 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



Pistol Intraligamentary Syringe

AA-07

Made of Stainless Steel  
Acumed 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



Pistol Intraligamentary Syringe

AA-08



Made of Brass  
Acumed 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

# LEADING THE COMPETITION

IN EXPERIENCE, COST, CUSTOMER SERVICE AND QUALITY!

Project of improving the quality, functionality and durability of the entire range of syringes we are now introducing a selection of innovative syringes made of specific stainless steels which can guarantee the below mentioned characteristics.

Interchangeable tips: for European needles (Metric) characterized by a circular thread; for American needles (Inch) with fully smooth thread.



Anchoring tip with very innovative helicoidal shape which has been specifically designed to enable a better hooking and unhooking of the carpule rubber.

EU



European

US



American



Smooth and neat handle rest a more practical handling and an extremely easy cleaning.

Intraligamentary Syringe





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  
AA-09**



**Intraligamental Syringe  
AA-10**

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



Swedish Pattern



Made of Brass  
Stainless Steel Plunger  
Disc System  
Metric Thread  
1.8 ml  
**Manual Aspirating Syringe  
AA-11**



Made of Brass  
Stainless Steel Plunger  
Type A  
Metric Thread  
1.8 ml  
**Manual Aspirating Syringe  
AA-12**



Made of Brass  
Stainless Steel Plunger  
Type C  
Metric Thread  
1.8 ml  
**Manual Aspirating Syringe  
AA-13**



Made of Brass  
Stainless Steel Plunger  
P-Ject  
Metric Thread  
1.8 ml  
**Manual Aspirating Syringe  
AA-14**



Made of Brass  
Stainless Steel Plunger  
Euro Breach Loading, T-Handle  
Metric Thread, 1.8 ml  
**Manual Aspirating Syringe  
AA-15**



Made of Brass  
Stainless Steel Plunger  
Euro Breach Loading, Ring Handle  
Metric Thread, 1.8 ml  
**Manual Aspirating Syringe  
AA-16**



Made of Brass  
Stainless Steel Plunger  
2-Rings  
Metric Thread, 1.8 ml  
**Manual Aspirating Syringe  
AA-17**



Made of Brass  
Stainless Steel Plunger  
3-Rings  
Metric Thread, 1.8 ml  
**Manual Aspirating Syringe  
AA-18**



Made of Brass  
Stainless Steel Plunger  
Euro  
Metric Thread, 1.8 ml  
**Manual Aspirating Syringe  
AA-19**

Silicon Grip

Available in Stainless Steel and Brass



Metric Thread 1.8 ml  
AA-20 (Stainless Steel)  
AA-21 (Brass)



Metric Thread 1.8 ml  
AA-24 (Stainless Steel)  
AA-25 (Brass)



Metric Thread 1.8 ml  
AA-22 (Stainless Steel)  
AA-23 (Brass)



Metric Thread 1.8 ml  
AA-26 (Stainless Steel)  
AA-27 (Brass)

"A" Type -  
Aspirating Syringe  
Replacement Tips



"C-W" Type -  
Aspirating Syringe  
Replacement Tips



## Acumed Rainbow Series

Acumed Rainbow Color Syringes, Attractive for the patients.  
Just ask for your desire color at the time of order.





## INOX STAINLESS STEEL

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



Suitable for Upper and Lower, just turning the front barrel

### 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.

### TITANIUM BLUE



AA-28- Titanium Blue

### TITANIUM Gold



AA-29- Titanium Gold

### Also available in TRUE BLACK TITANIUM BLACK



AA-30- Titanium Black

### TITANIUM MULTI



AA-31- Titanium Multi



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



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.

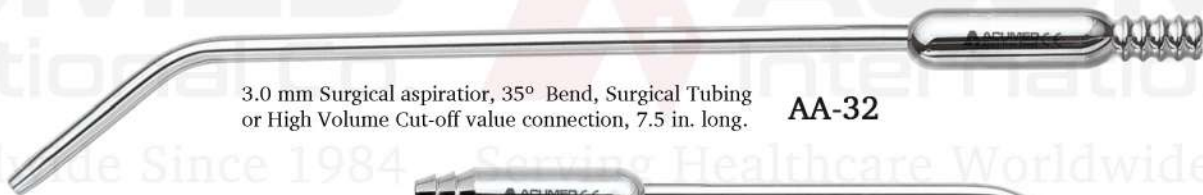
A clinician ability to administer an effective, safe and atraumatic local anesthesia injection to a child (or adult) is a major factor in creating a patient with a life long acceptance of dental treatment. Rather than avoiding local administration for fear of traumatizing the pediatric patient, the clinician 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.

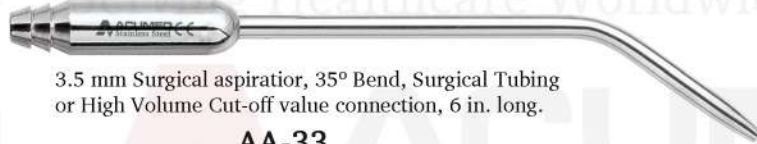


Used for precision suction at surgical sites/irrigation at surgical sites



3.0 mm Surgical aspirator, 35° Bend, Surgical Tubing or High Volume Cut-off value connection, 7.5 in. long.

**AA-32**



3.5 mm Surgical aspirator, 35° Bend, Surgical Tubing or High Volume Cut-off value connection, 6 in. long.

**AA-33**

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

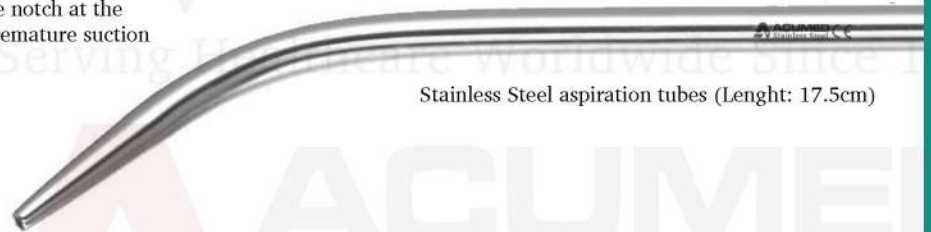


**AA-34**  
1.5mm Ø

**AA-36**  
4mm Ø

**AA-35**  
3mm Ø

**AA-37**  
5mm Ø



Stainless Steel aspiration tubes (Length: 17.5cm)

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



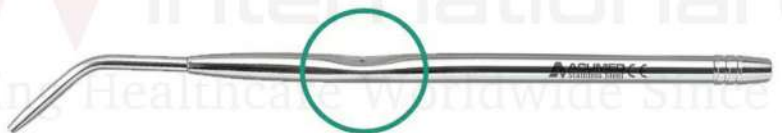
### Frazier Suction Tube

<b>AA-38</b>	1.5mm
<b>AA-39</b>	2.0mm
<b>AA-40</b>	2.5mm
<b>AA-41</b>	3.0mm

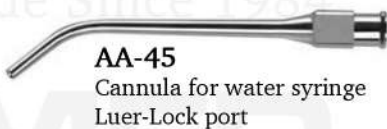
Internal diameter of tip mentioned above

**AA-42**  
1.5mm Surgical Suction with Vacuum Relief Hole

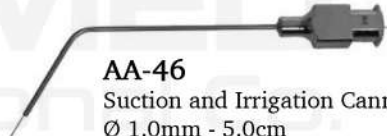
**AA-43**  
2.5mm Surgical Suction with Vacuum Relief Hole



**AA-44**  
Minnesota Retractor with Suction



**AA-45**  
Cannula for water syringe  
Luer-Lock port



**AA-46**  
Suction and Irrigation Cannula  
Ø 1.0mm - 5.0cm  
Female Luer-Lock port



**AA-47**  
Water Syringe self filling  
with Luer - Lock cannula 10ml





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