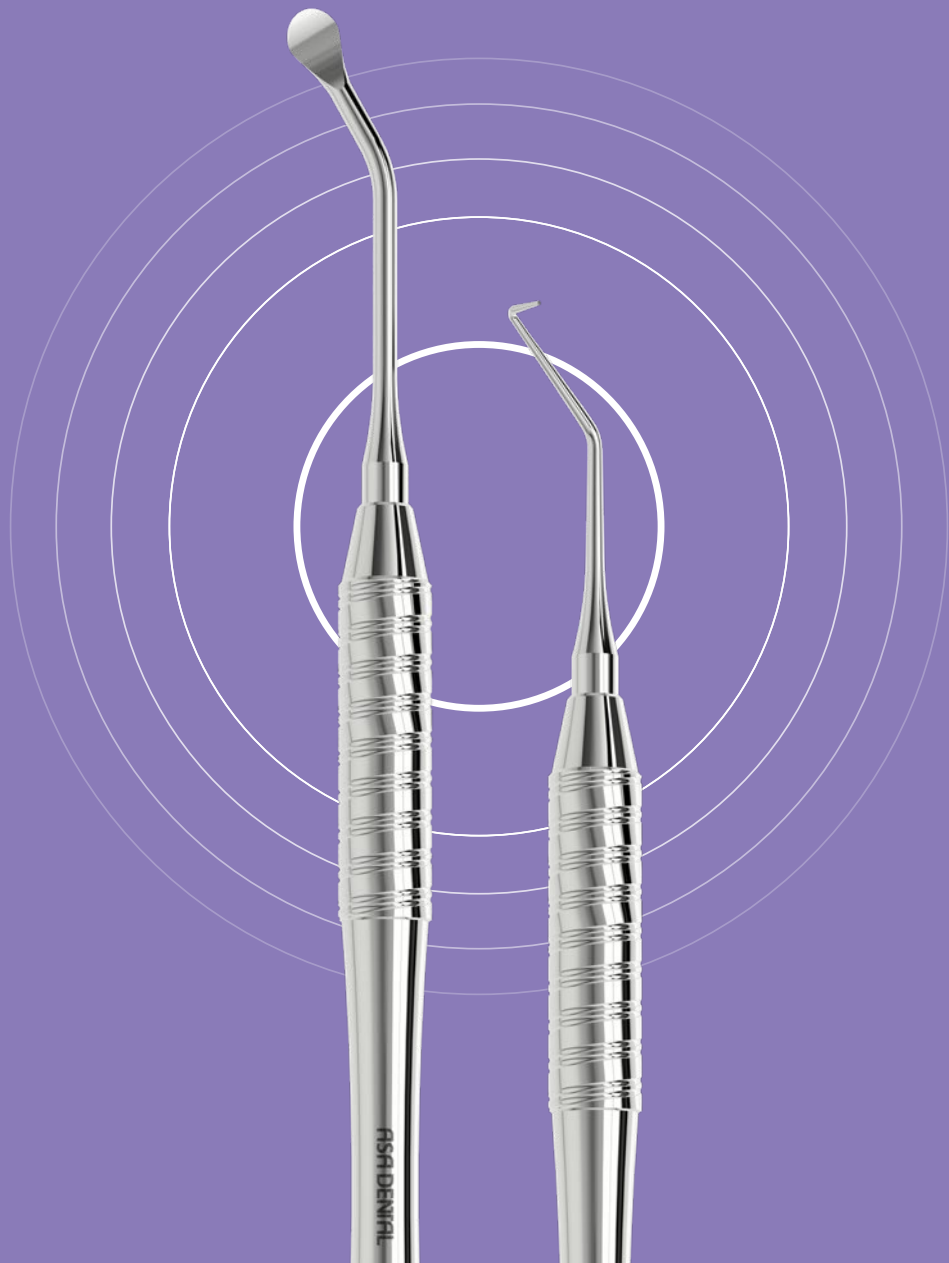


ASA DENTAL

# APICAL

Micro Endo Surgery Kits



EN

# APICAL

powered by Dr. Farnararo and Dr. Piras

**With our micro kits you can offer less invasive treatments that better solve critical problems.**

## Go for the root cause

As an endodontist you know how to solve big problems with small tools. Your goal is to perform the best surgical treatments that solve the complex problems of patients in the least invasive and traumatic way.

## Adults and elderly

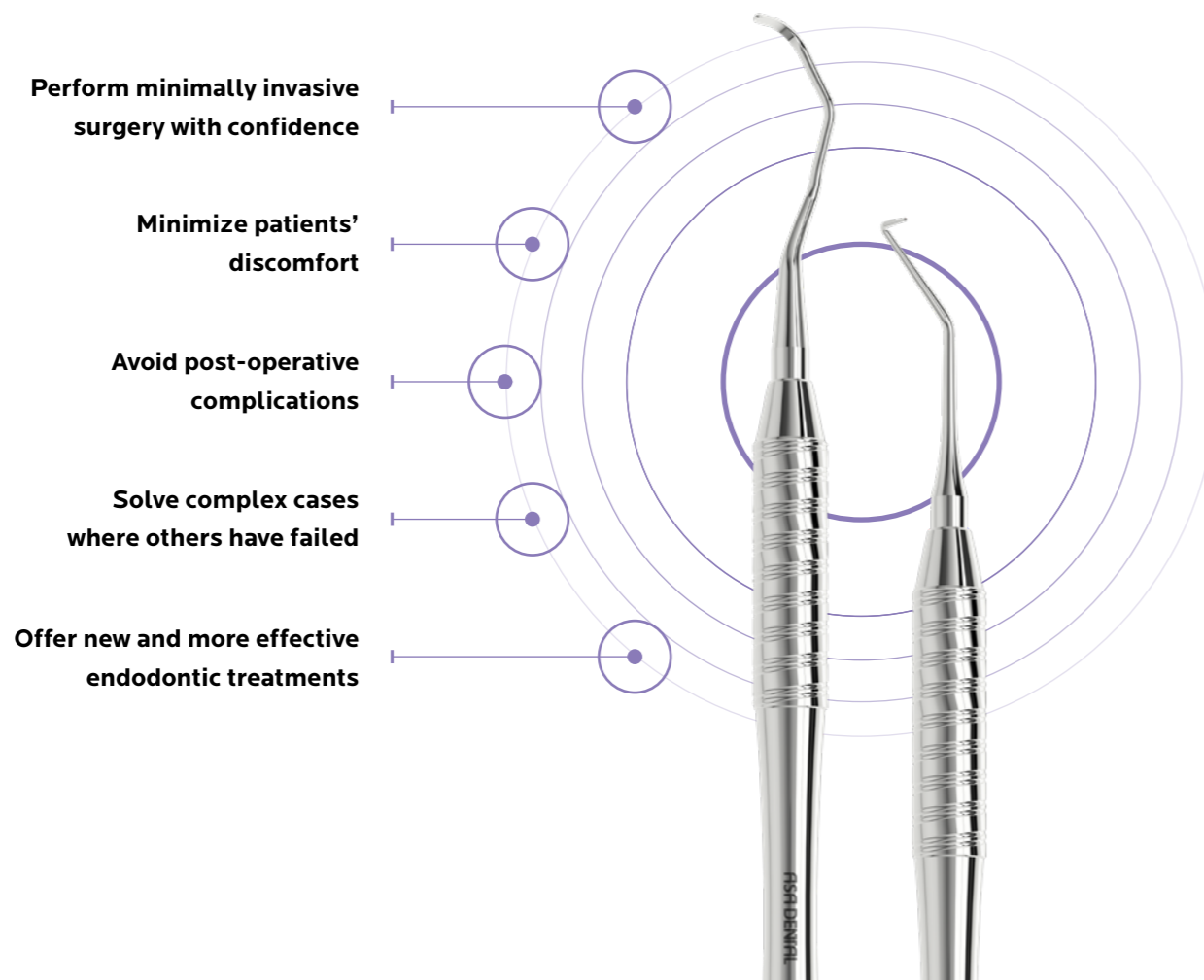
Patients who have a lower recovery capacity due to age or specific health conditions dramatically benefit from interventions that minimize invasiveness and reduce complications.

## Chronic diseases

Apical micro-surgery is extremely effective in a large number of chronic or recurring problems that cannot be easily solved through conventional orthograde endodontics.

## Periapical diseases

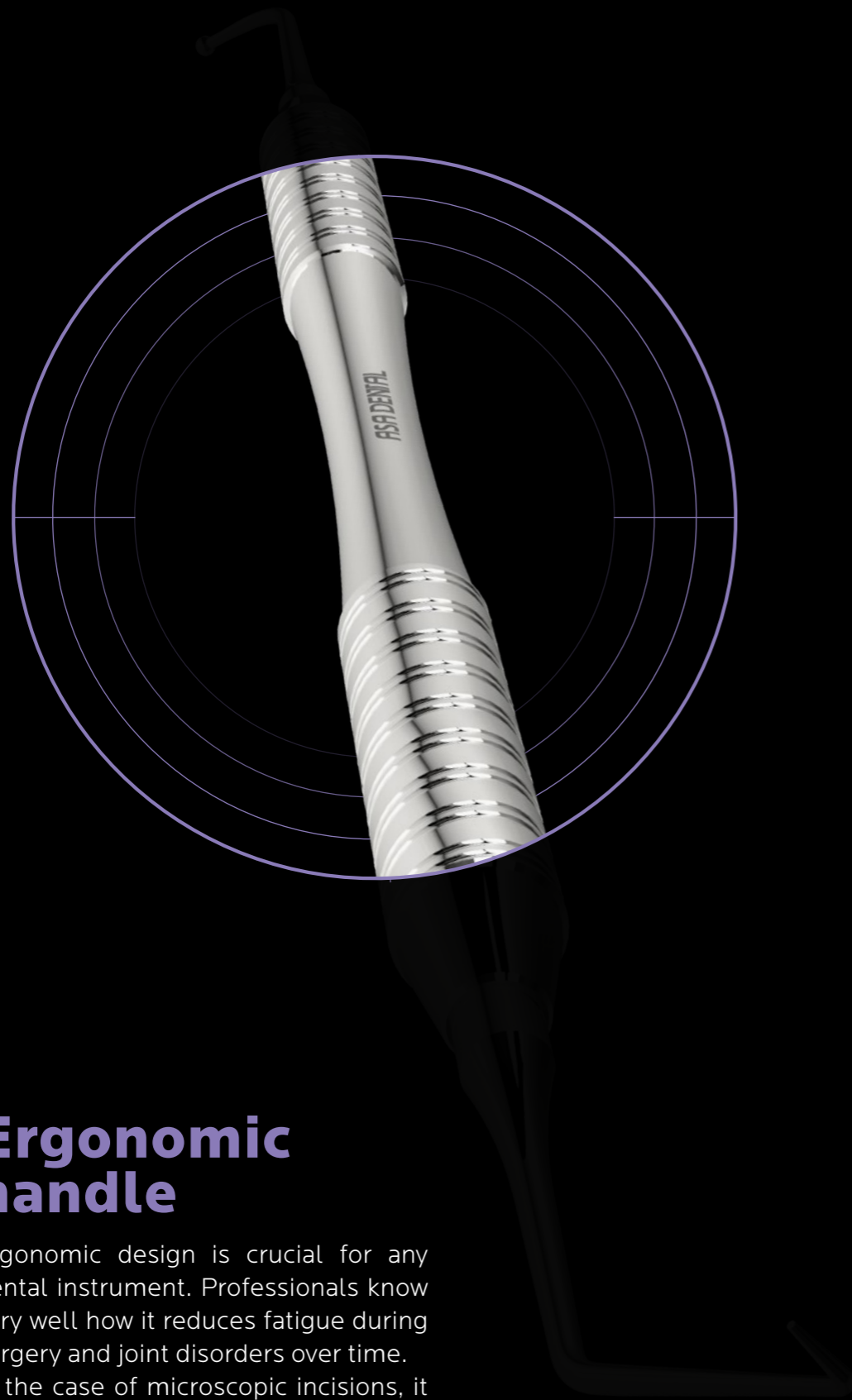
And more specifically, microsurgery finds its natural use in all cases of pathologies that can appear at the apices of teeth.



## Indications for periapical microsurgery

The objective of periapical microsurgery is the cleaning, shaping and three-dimensional root canal obturation through a surgical access and is indicated in cases where it is impossible to obtain this result through orthograde.

Thanks to micro instruments, today it is possible to accurately prepare the canal with high success rates.



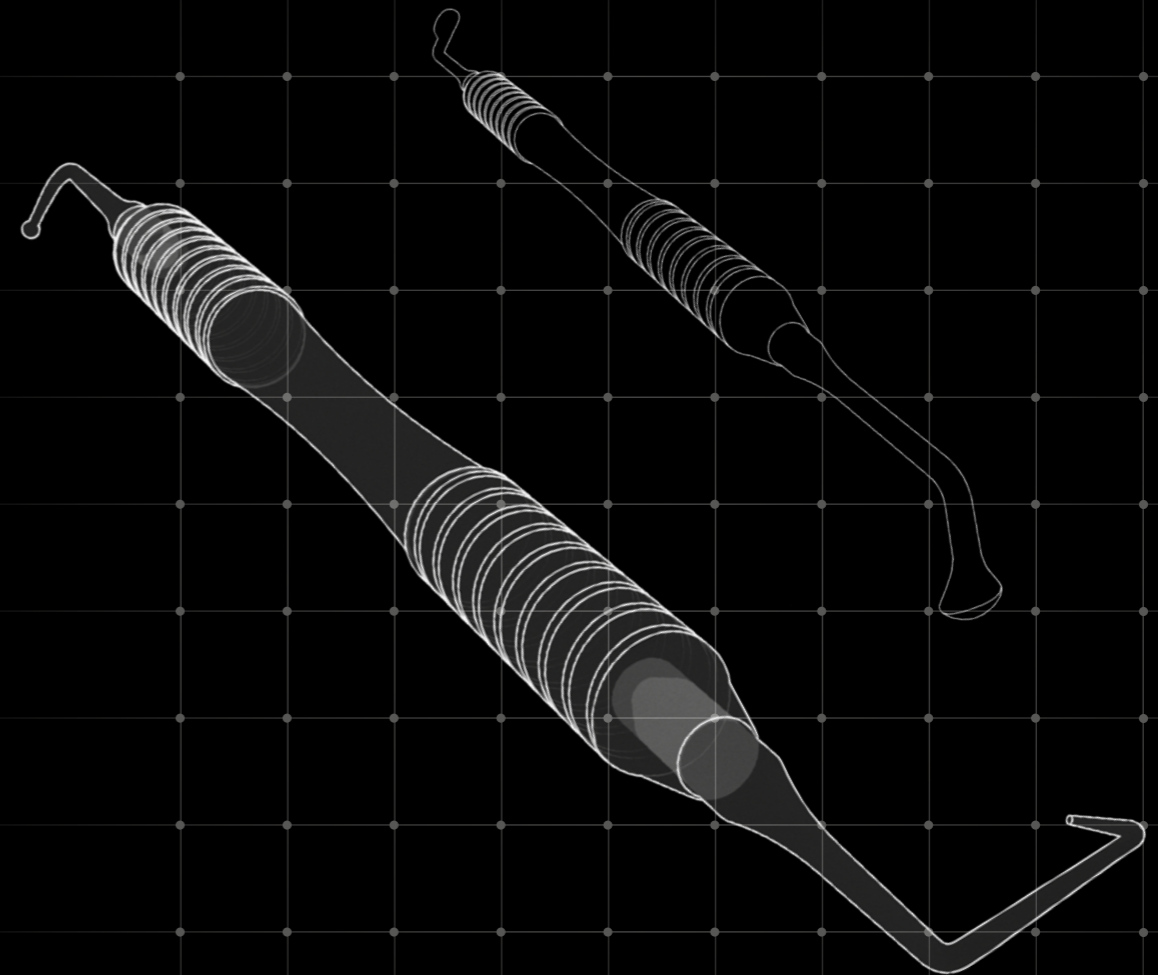
## Ergonomic handle

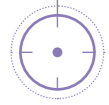
Ergonomic design is crucial for any dental instrument. Professionals know very well how it reduces fatigue during surgery and joint disorders over time. In the case of microscopic incisions, it also becomes a factor for extreme precision to minimize bone and tissue affected.



## Designed by endo professionals

Asa Dental's micro endo instruments have been designed by endo professionals to overcome the barriers of traditional endodontic surgery, and to work in combination with modern operating microscopes.

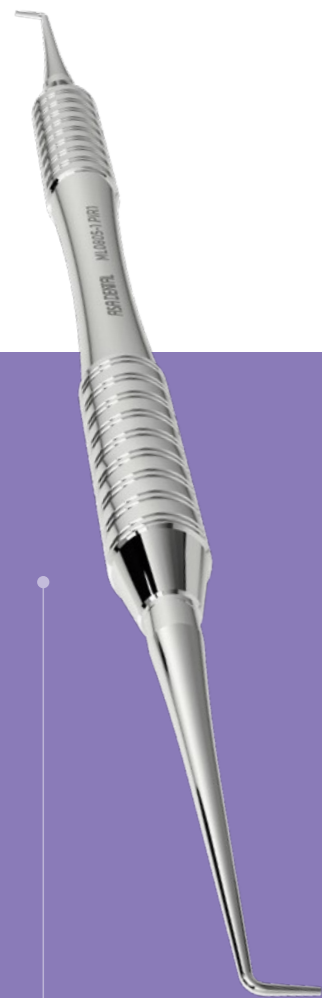




## Designed for excellence

We have designed a whole set of instruments to perform microsurgery with the precision you need, when you need it and regardless of the dental sector or the dental element under surgery.

Watch them in action



**Plugger**  
ML0805-1  
**PIR1**



**Plugger**  
ML1222-1  
**PIR2**



**Plugger**  
ML1222-2  
**PIR3**



**Bone curette**  
ML2017-1  
**FAR1**



**Bone curette**  
ML2017-2  
**FAR2**

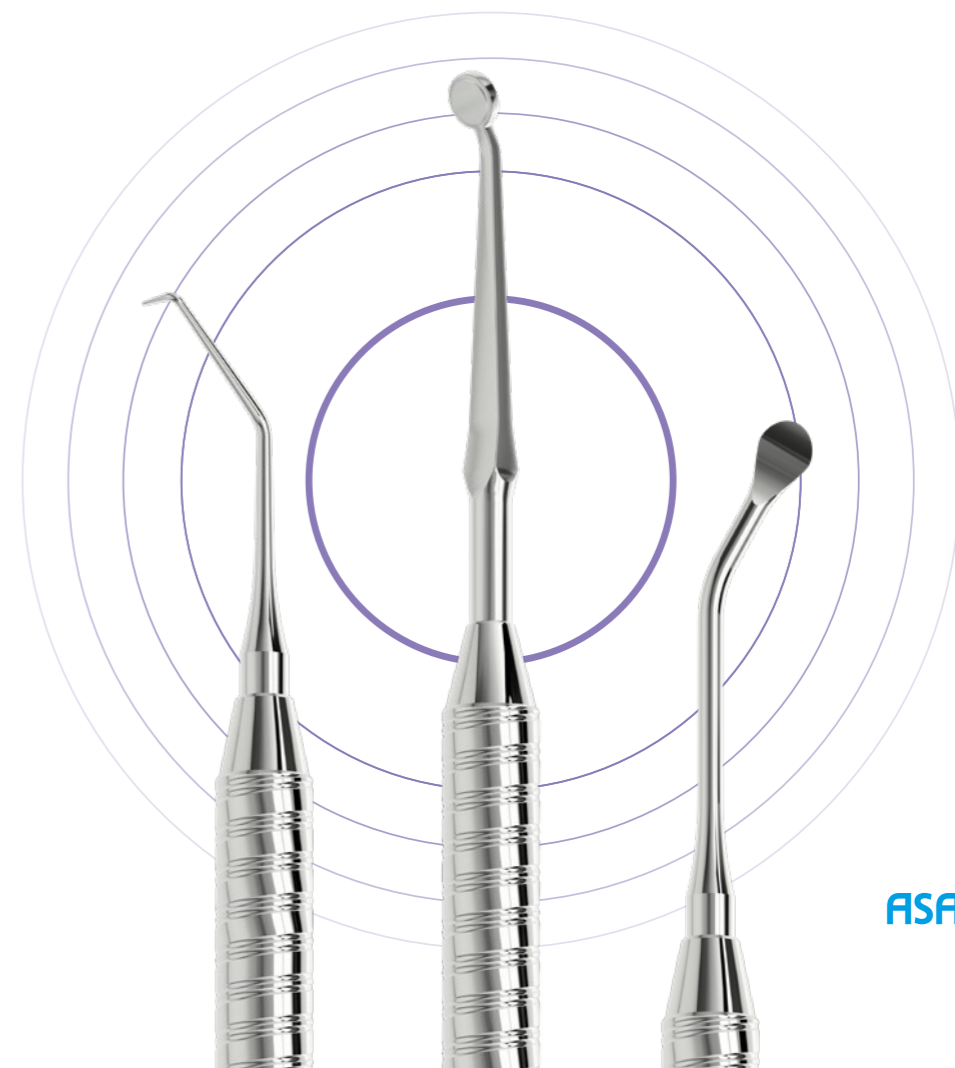
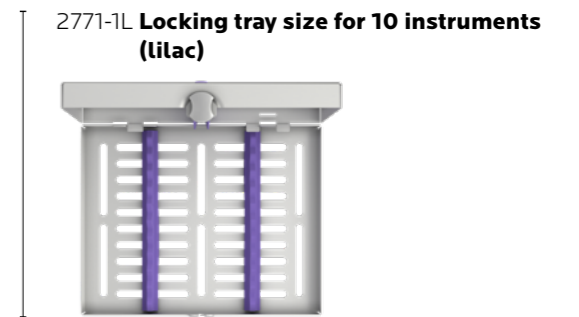
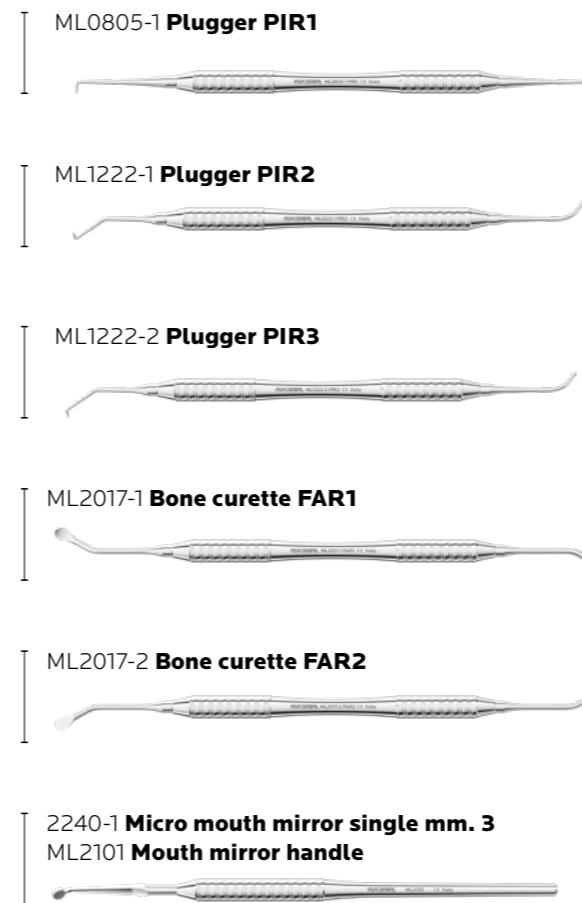
# Essential

## APICAL Essential

A selection of instruments designed and produced exclusively by Asa Dental and complemented with micro mirrors.

- Order code:

**SML2021FP**





# Full

## APICAL Full

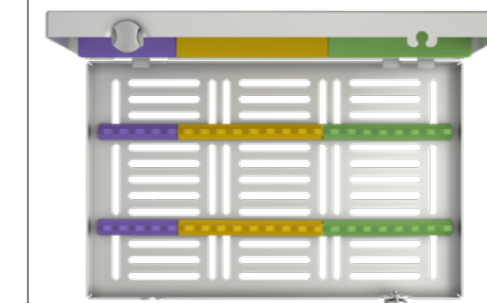
A complete selection of instruments to perform any type of micro surgery.

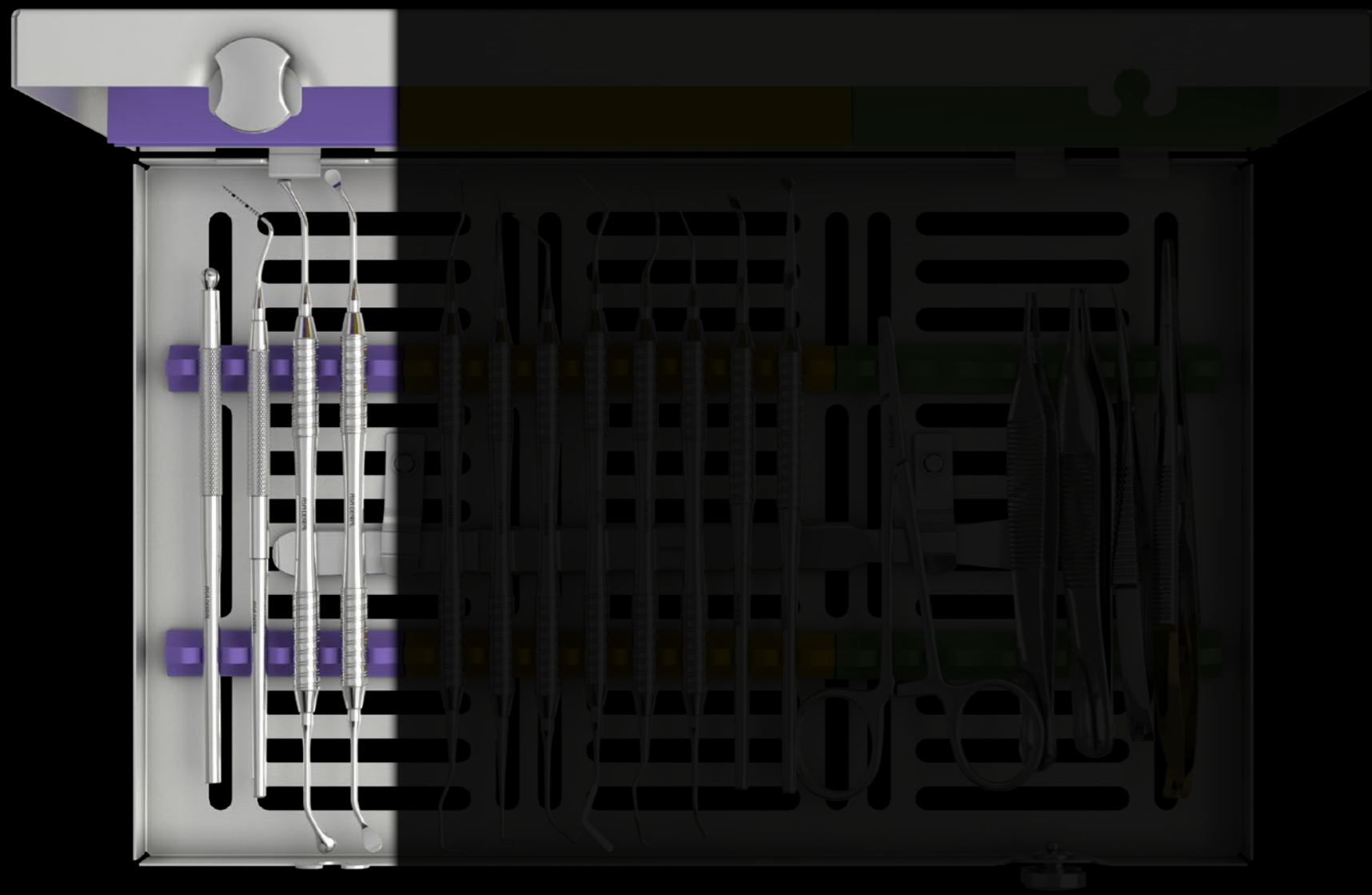
- Order code:

**SML2021CF**



2770-1MX **Locking tray size for 20 instruments**  
(lilac, yellow, green)





**How to use  
Apical Full:**  
let color guide your  
actions.

## PHASE 01

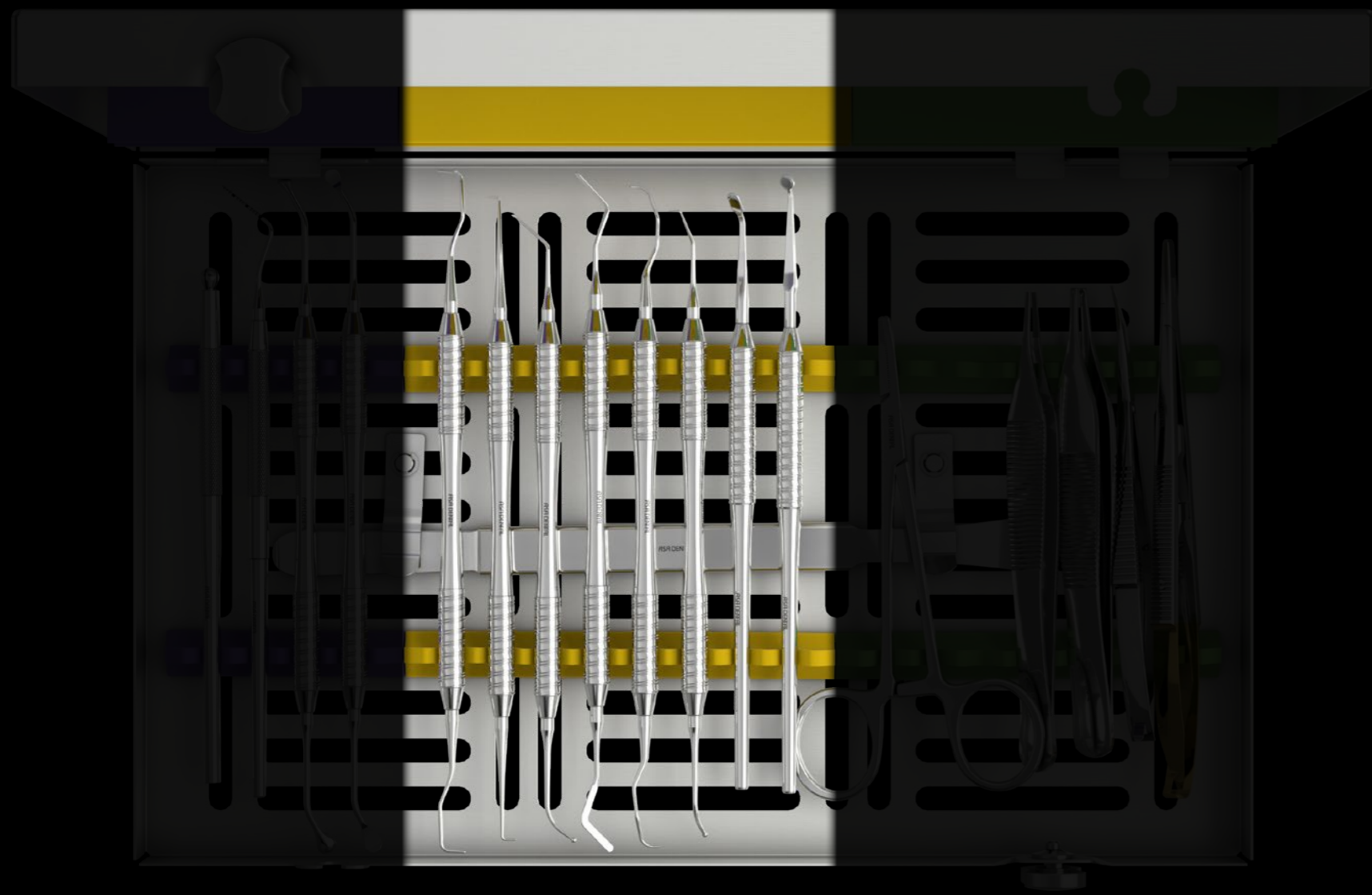
### Surgical access

Access is through incision, lifting and retraction of the gingival flap. Before starting surgery, use probe **0702L-15** to exclude the presence of vertical bone fractures.

After performing the anesthesia, make an incision using the mini scalpel, which affords extreme accuracy in this important phase, minimizing soft tissue trauma and aiding in repositioning and suturing.

Raise the flap with bone curettes **ML2017-1 FAR1** and **ML2017-2 FAR2**, inserting their tips in the vertical incision and applying a gentle movement in the direction of the root. With the same action, move the instrument towards the distal end of the flap. The instrument tip is designed to avoid crushing or tearing the soft tissue during this extremely delicate phase.

Periosteal elevator Seldin **1855-23** is very effective to perform an atraumatic retraction of the flap.



## PHASE 02

### Root-end preparation and retrograde filling

Isolate the root apex by removing the endodontic lesion using curettes **ML2017-1 FAR1** and **ML2017-2 FAR2** at the bony crypt level and curettes **ML1807-02** and **ML1807-14** at the root surface. Proceed with the resection and inspect the root surface with micro-mirror **2240-1** to check the integrity or the presence of isthmuses or fractures.

Use an ultrasonic retrograde cavity preparation instrument, dry the canal and proceed with the filling. Collect the material chosen to seal the apex using a spatula **ML1102-1** and apply it on the root surface. Then choose a plugger among the following to press the filling inside the retrograde cavity:

- **ML0805-1 PIR1**, designed for upper and lower incisors and canines, with 90° tips, that have different diameters (0.40 and 0.50), to be chosen depending on the apical size and the quantity of material to be pressed.
- **ML1222-1 PIR2**, designed for upper right and lower left premolars and molars, characterized by a counter angled tip of  $\varnothing$  0.30 and a ball tip to press the filling material.
- **ML1222-2 PIR3**, for upper left and lower right premolars and molars, characterized by a counter angled tip of  $\varnothing$  0.30 and a ball tip to press the filling material.





## PHASE 03

### Suturing

Use suturing instruments\* to correctly align tissues. A good suturing technique is important to reduce surgical time, minimize postoperative complications and prevent scar formation.

\*

<b>0312-1</b>	Gum scissors cm. 11 Westcott (sharp pointed)
<b>0445TH-14TC</b>	Needle holder cm. 14 Castroviejo TC (straight, fine tip)
<b>0500-2</b>	Haemostatic forcep cm. 12 Halstead-Mosquito (curved)
<b>0622-1</b>	Tissue plier cm. 12 # 1 Micro-Adson 1x2
<b>0624-1</b>	Tissue plier cm. 12 # 1 Micro-Adson

**Using the color coding with Apical Full Kit is an effective aid for the dentist and the assistant both during the surgery and sterilization phases.**

**During surgery, it helps to identify which instruments must be used during each phase.**

**Once the intervention is complete and the instruments have been reprocessed, it provides a simple aid to guide the assistant in placing them back in the tray for next use.**





## **HI-TECH Production control**

As a dental instruments leading manufacturer, Asa Dental aims for the ultimate quality. Our clients and their patients rely on us for durability, reliability and precision. Every new instrument design spurs us to rethink our production and quality processes, to meet the most demanding industry standards. This is why Asa Dental is the first choice for hundreds of thousands of professionals across the World.

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