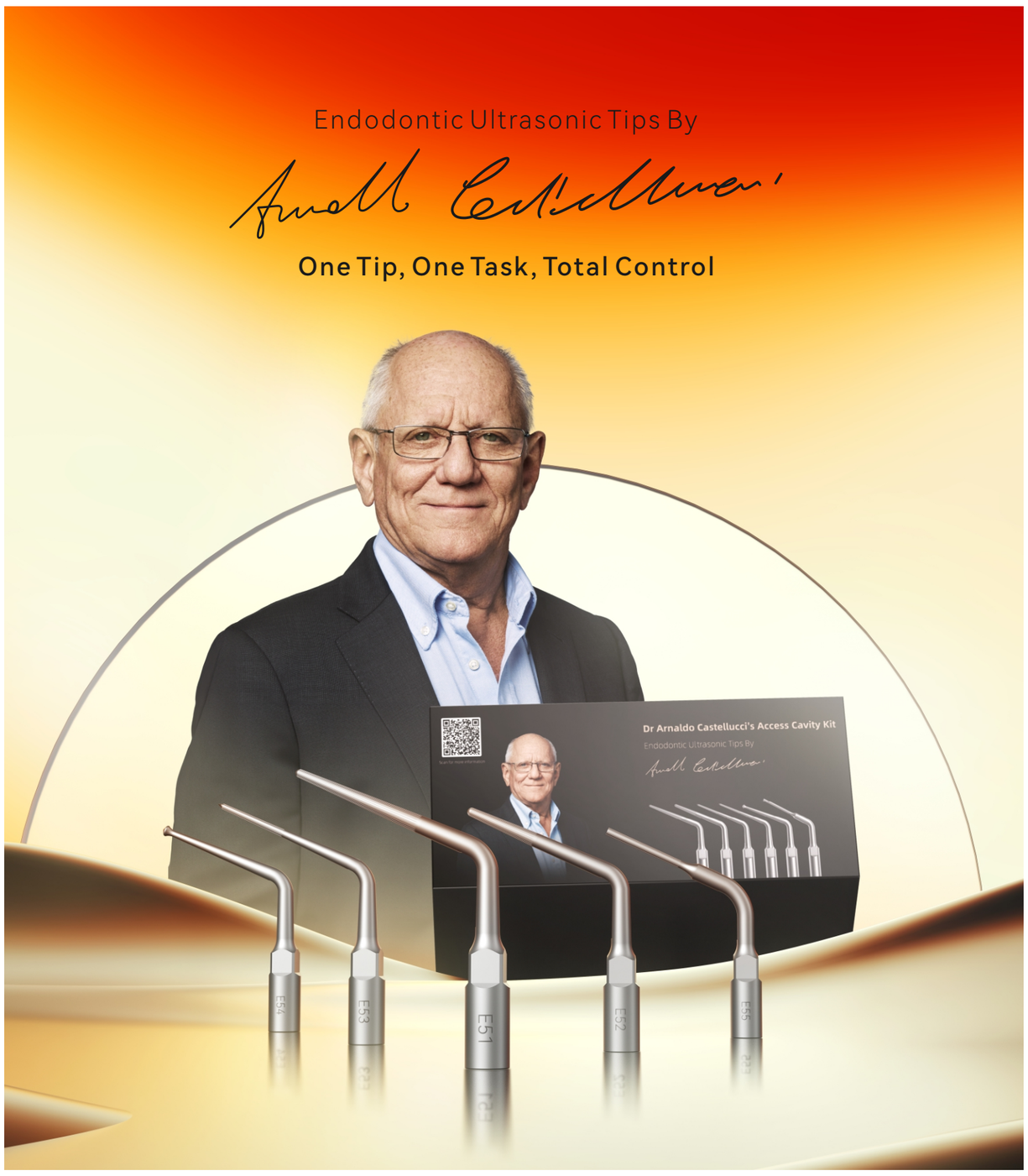
Dr Arnaldo Castellucci's Access Cavity Kit



START EVERY CASE RIGHT — WITH A-C TIPS

Guilin Woodpecker Medical Instrument Co.,Ltd.
Information Industrial Park, Guilin National High-Tech Zone, Guilin, Guangxi, 541004 P. R. China
Sales Dept.: +86-0773-5873196/2350599
After-sales Service Dept.: +86-0773-5827898
E-mail: woodpecker4@glwoodpecker.com
Website: http://www.glwoodpecker.com

Scan and log on to the website for more information

Find us on

Find us on

Find us on

What are A-C TIPS?

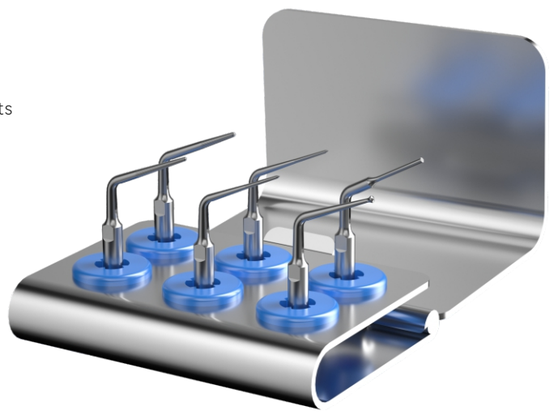
A-C Tips are a new generation of ultrasonic endodontic tips co-developed by **Woodpecker and Prof. Arnaldo Castellucci**, specifically designed for finishing the access cavity.

They consist of 5 purpose-specific inserts (E51–E55), each tailored for a precise clinical task during root canal access, such as shaping, calcification removal, and MB2 canal scouting.

Why A-C TIPS?

Ultrasonic efficiency meets clinical precision

- Designed for both general dentists and endodontic specialists
- Each tip is designed for a specific clinical use
- Micro-blade technology ensures excellent cutting control
- Durable steel construction — no diamond coating, no wear-off
- Built-in irrigation port for clean, cool operation
- Compatible with EMS and Satelec systems
- Economical: ~50% lower cost than traditional tips



One Tip, One Task, Total Control



A-C TIP E51 – Finishing the access cavity walls

- Truncated cone design (working part: Ø 0.8–1.6mm, 12 mm long)
- Designed for safe, minimally invasive shaping of access cavity walls in premolars and molars
- Non-cutting tip end and controlled flare preparation reduce dentin stress and improve rotary file entry
- Compatible with up to 80–90% of maximum power output from market-available endodontic ultrasonic sources.



A-C TIP E52 – Finding the MB2 canal

- Truncated cone design (working part: Ø 1.0–1.54 mm, 8 mm long)
- Designed for relocating and opening the MB2 canal safely with straight-line access
- Active tip removes dentin obstructions at the groove between MB and palatal canals
- Compatible with up to 80–90% of maximum power output from market-available endodontic ultrasonic sources



A-C TIP E53 – Removing calcifications & fiber posts

- Ultra-slim, sharp conical tip (working part: Max. Ø 0.9 mm, 8 mm long) enables precise navigation and excellent visibility
- Selectively removes calcifications while preserving healthy dentin for minimally invasive access
- Efficiently destroys glass or carbon fiber posts during retreatment without damaging canal walls
- Can be used dry for aggressive cutting or with irrigation for cooling and debris removal
- Compatible with up to 60–70% of maximum power output from market-available endodontic ultrasonic sources



A-C TIP E54 – Removing metal posts

- Rugby ball-shaped tip with equator and flat lateral surfaces ensures powerful and controlled vibration transfer for decementation of metal posts
- Ideal for both high-consistency (e.g. titanium, steel) and softer metal posts, offering tailored vibration zones for safe and effective removal
- Safe, minimally invasive post loosening by rotating around the post head with moderate pressure, minimizing dentin or periodontal damage risk
- Can be used dry for aggressive cutting or with irrigation for cooling and debris removal
- Compatible with up to 90–100% of maximum power output from market-available endodontic ultrasonic sources



A-C TIP E55 – Finishing the pulp chamber floor

- 10 mm cylindrical tip with concave, micro-pyramidal end designed to efficiently remove calcifications and residues from the pulp chamber floor
- Ideal for locating hidden canal entrances and preserving natural chamber anatomy during initial or retreatment procedures
- Thin (Ø 1mm) tip with lateral microblades offers excellent visibility and precision while refining internal walls
- Compatible with up to 70–80% of maximum power output from market-available endodontic ultrasonic sources

At a glance

Tip	Application	Shape	Max Power Use
AC-Tip E51	Finishing the access cavity walls	Truncated cone (Ø 0.8–1.6 mm, 12 mm long, non-cutting tip)	80–90%
AC-Tip E52	Finding the MB2 canal	Truncated cone (Ø 1.0–1.54 mm, 8 mm long, active tip)	80–90%
AC-Tip E53	Removing calcifications/fiber posts	Sharp taper (Ø 0.9mm, 8 mm long, extremely sharp and fine)	60–70%
AC-Tip E54	Removing metal posts	Bladeless oval (rhomboid-shaped "rugby ball" with flat sides)	90–100%
AC-Tip E55	Finishing the pulp chamber floor	"Cylindrical concave (Ø 1mm, 10 mm long, concave end with micro-pyramids)"	90–100%