

SEMORR

4k Pro

Built in sony camera



G4 Pro

Electromagnetic





SENIOR
see more treat more

DOM 3000D 4K PRO
MICROSCOPE

4K PRO MICROSCOPE SPECS

1

New Optical design, Extreme visual experience

2

Vario focus **180-460mm**

3

Zoom magnifications **3.6x - 23.3x**

4

Continuous Magnification System

5

FOV: **9.7mm - 132mm**

6

Built-in **4k camera** system for higher-quality imaging

7

Light source: Built-in **LED light** source, With continuous adjustable luminance **80,000 lux**

8

Same light power after continuous zooming
(**Powerful Not affected**)

9

60,000 Working hours light life span

10

Coil spring torque adjustment

11

Balanced Arm

12

New Era of **IOT** (share in real-time control modes mobile, tablets)

13

Surface-coated antibacterial nano-silver ion

14

5 YEARS warranty and Maintenance from Perfect Dent

15

Continuous Education Support

16

Competitive price

ERGONOMIC DESIGN, EASE OF USE, COMFORT

0-210°

Ergonomic binocular tube

Built-in pupil distance adjustment **55-75mm**

0-210°

Built-in 4K system

High quality documentation
(Videos - Photos)

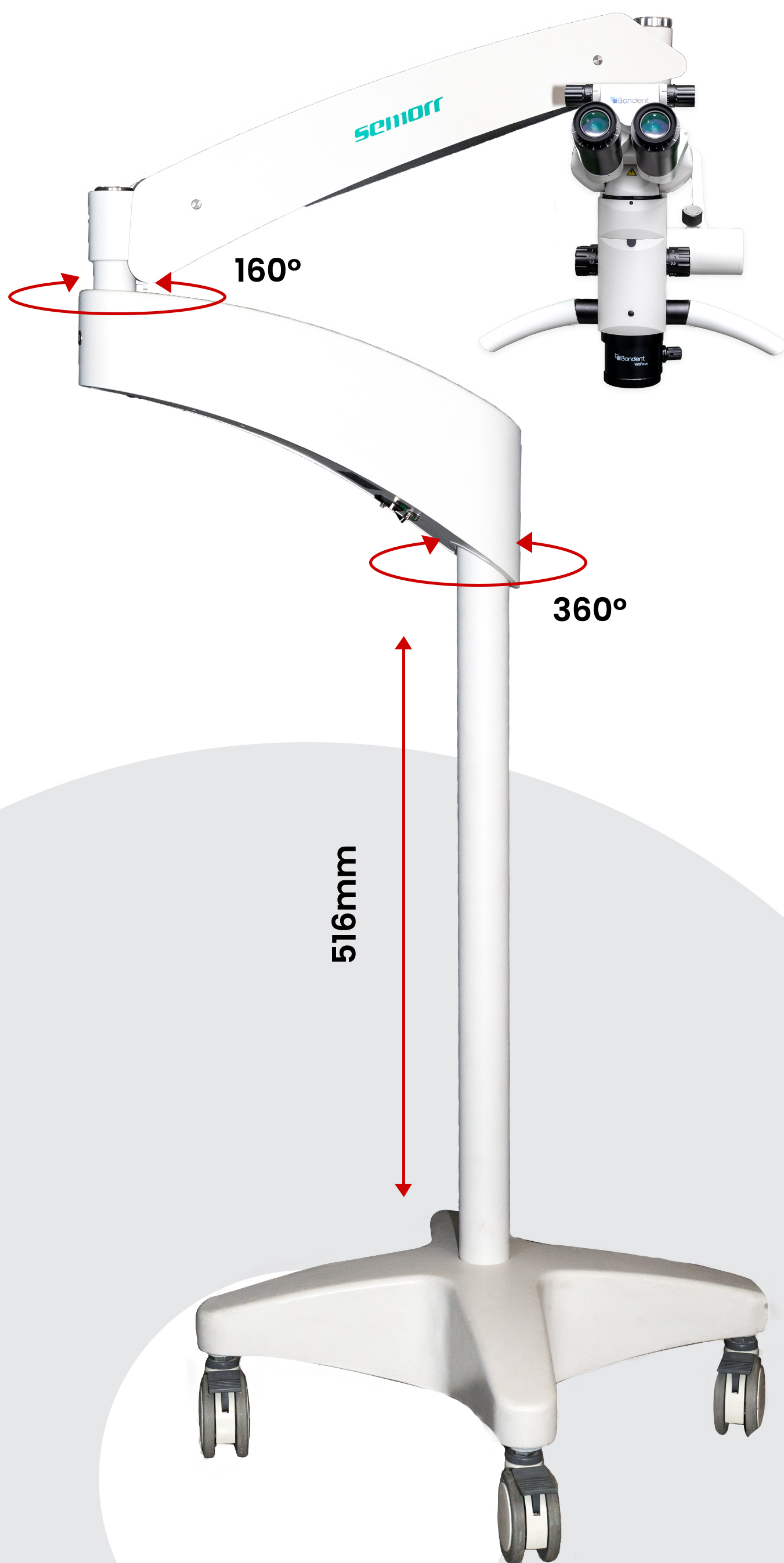
Continuous Magnification system **3.6x - 23.3x**

180-460mm

Vario focus objective lens



FLEXIBLE MECHANISM



SEE
MORE
TREAT
MORE

NEW OPTICAL DESIGN

EXTREME VISUAL EXPERIENCE

-Sharpen optical imaging

Effectively reduce beam splitting, color separation, filtering, polarization, and thus reducing glare

-Improve imaging clarity

The new optimized optical path design enhances the ability to collect light within the working distance, thereby increasing the resolution

-Enhance color rendition

Medical grade LED light source is used to increase the percentage of luminous flux to its incident luminous flux and improve light transmittance



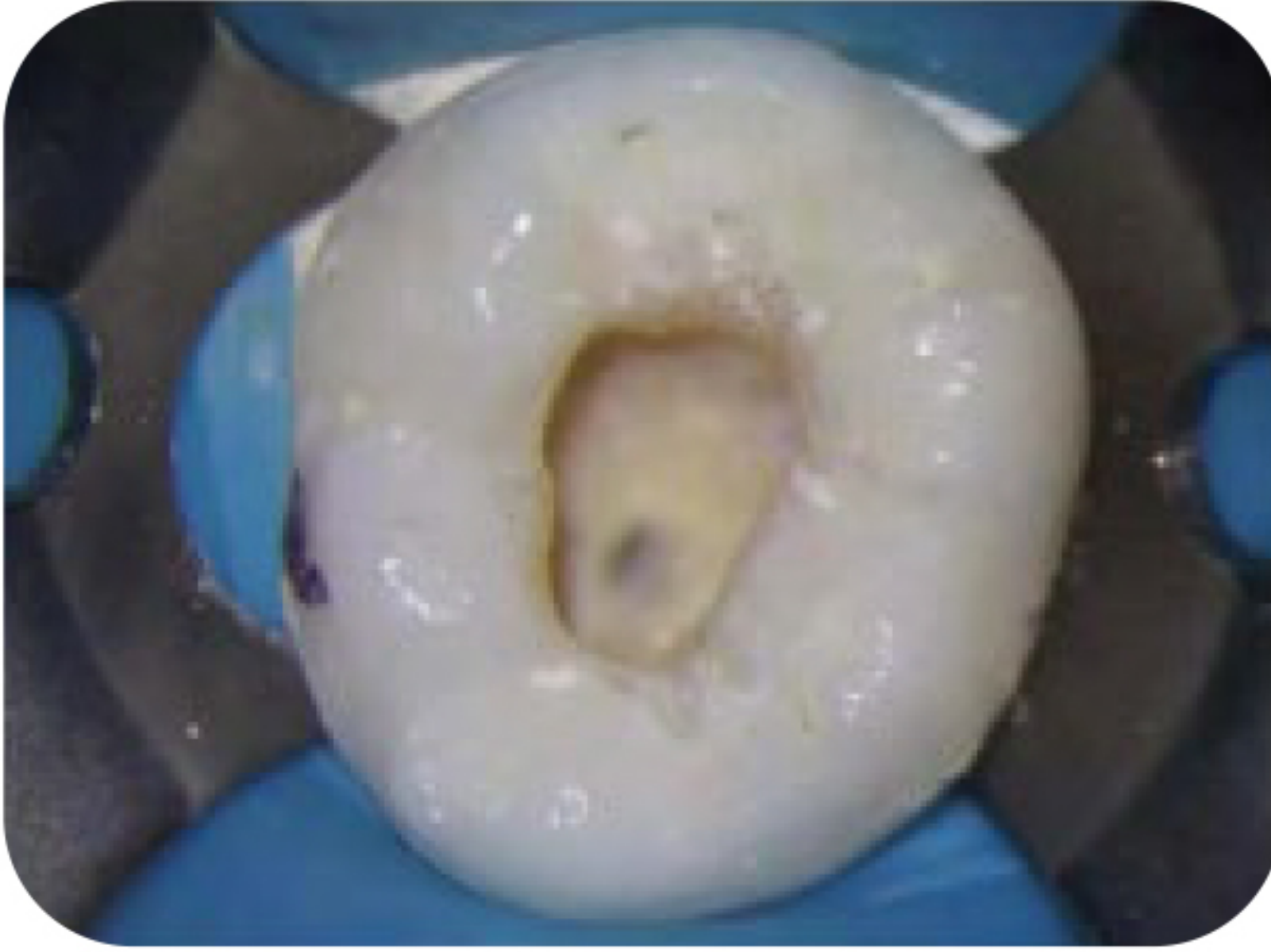
BUILT-IN 4K CAMERA FOR HIGHER-QUALITY IMAGING

Built-in 4K imaging system, based on SONY's high-end image sensor, it supports 4K video recording, which is much clearer than traditional high-definition imaging systems.

UNOBSTRUCTED FIELD OF VIEW

Less repositioning during surgery

FOV: **132mm** to **9.7mm** field of view diameter



LARGER OPERATING SPACE, LESS MICROSCOPE MOVEMENTS

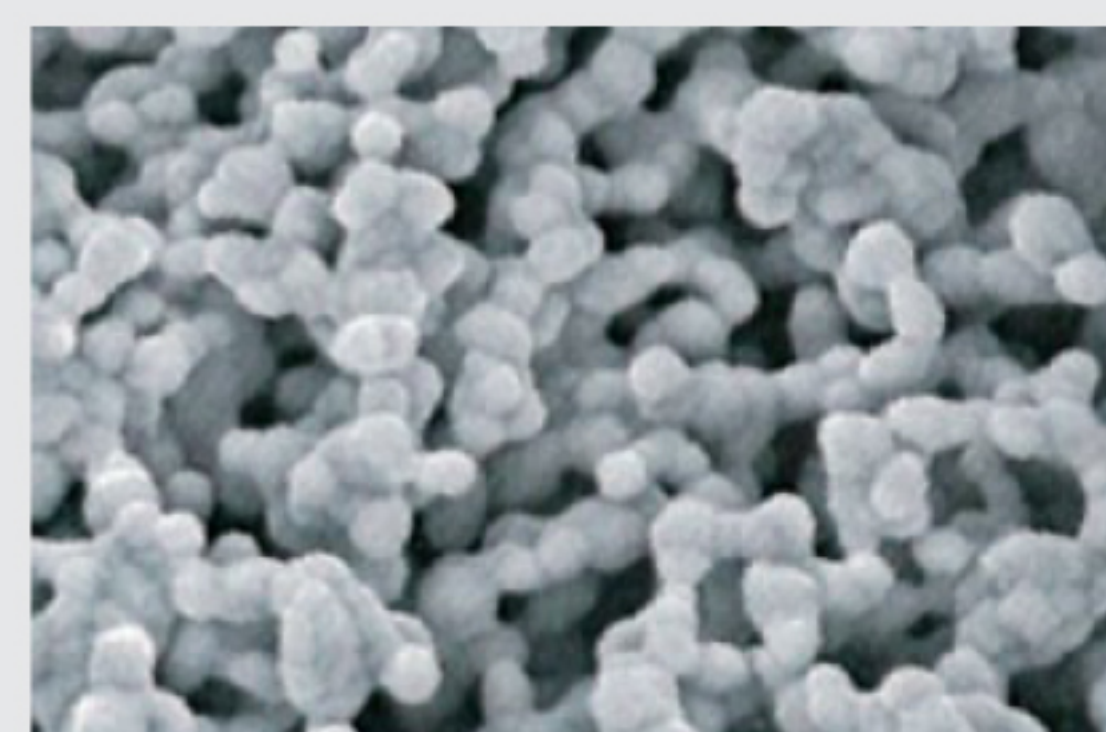
Vario focus objective lens

Range: **180mm** - **460mm**



SAFER AND CLEANER CLINIC ENVIRONMENT

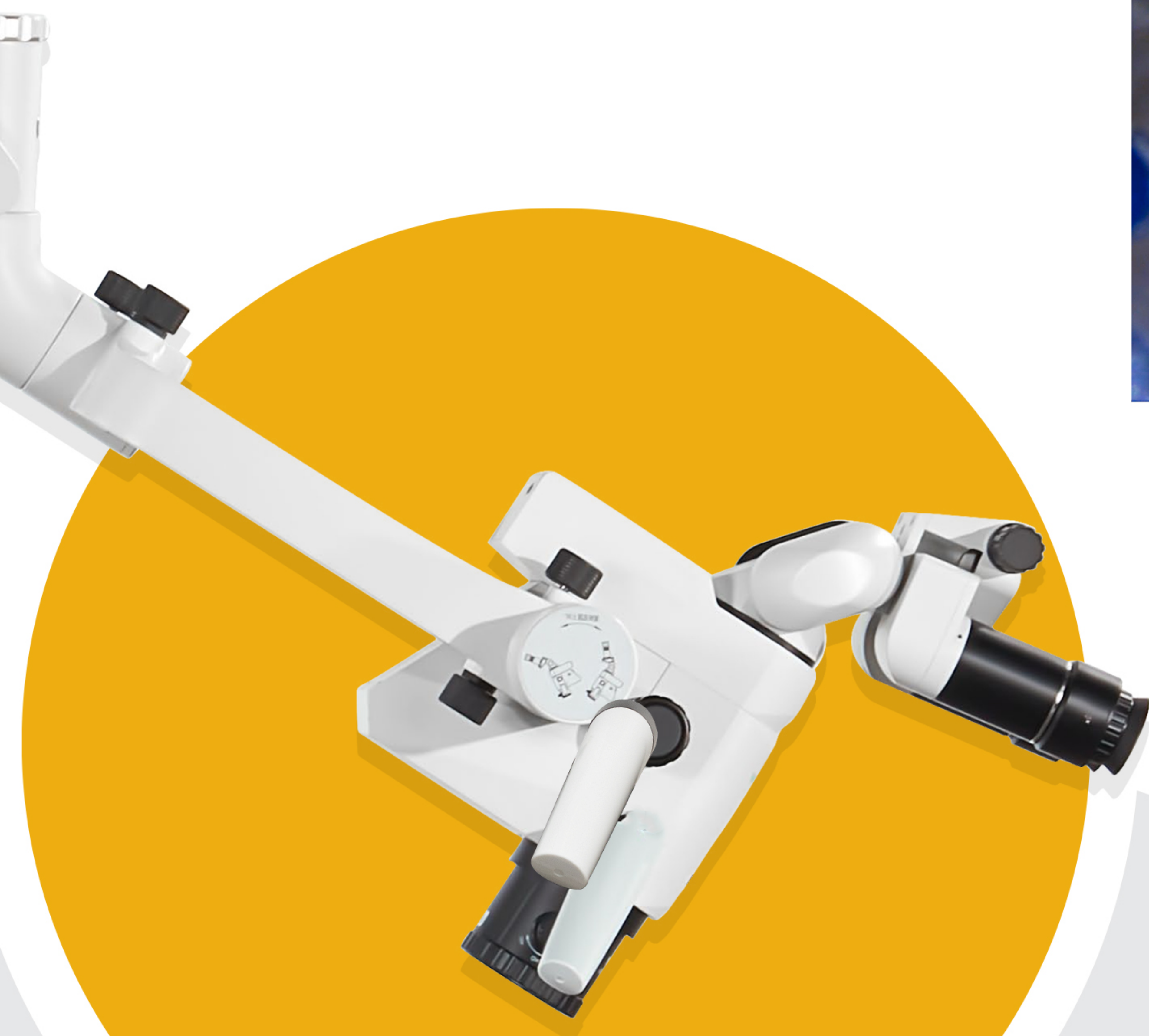
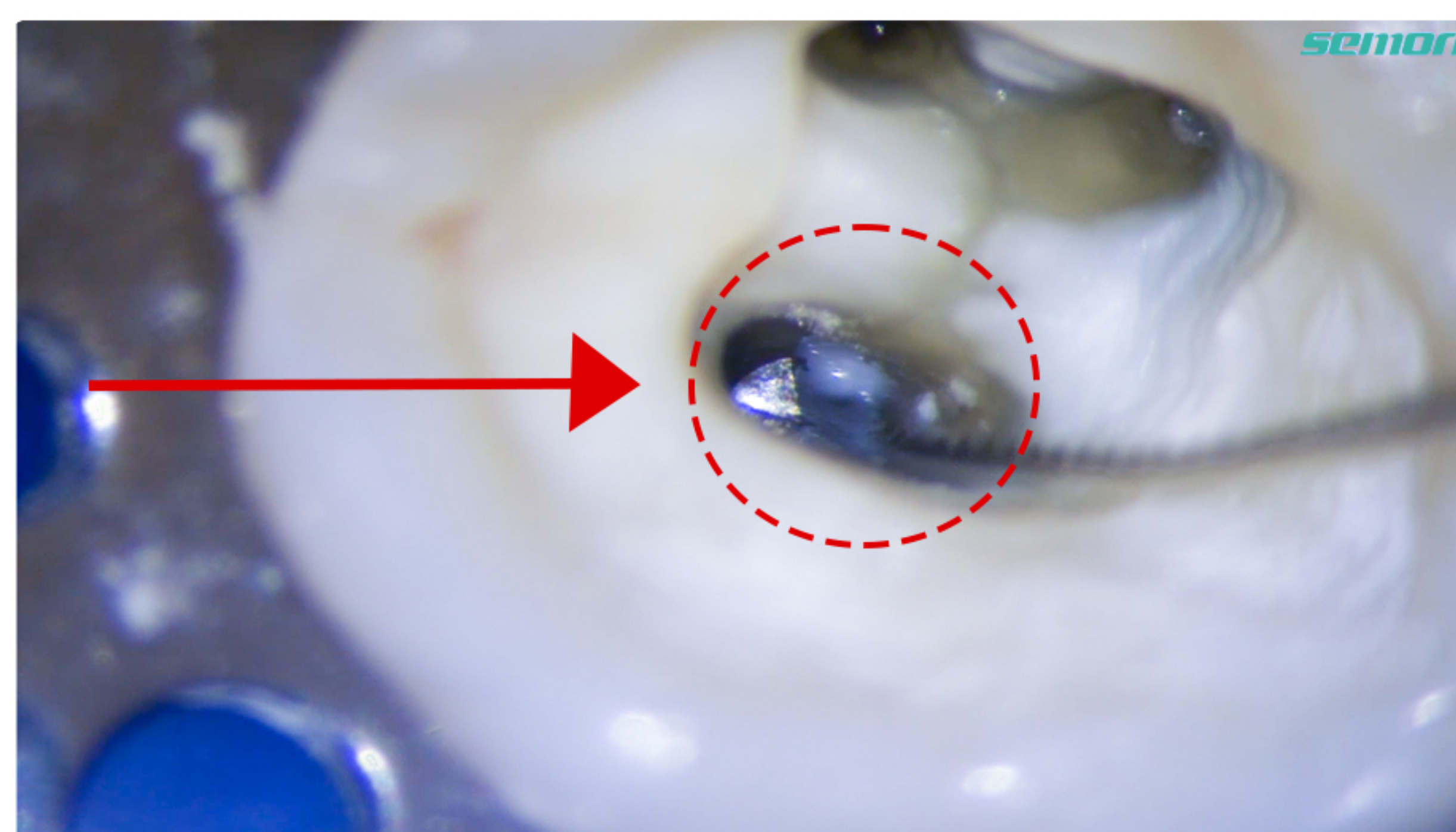
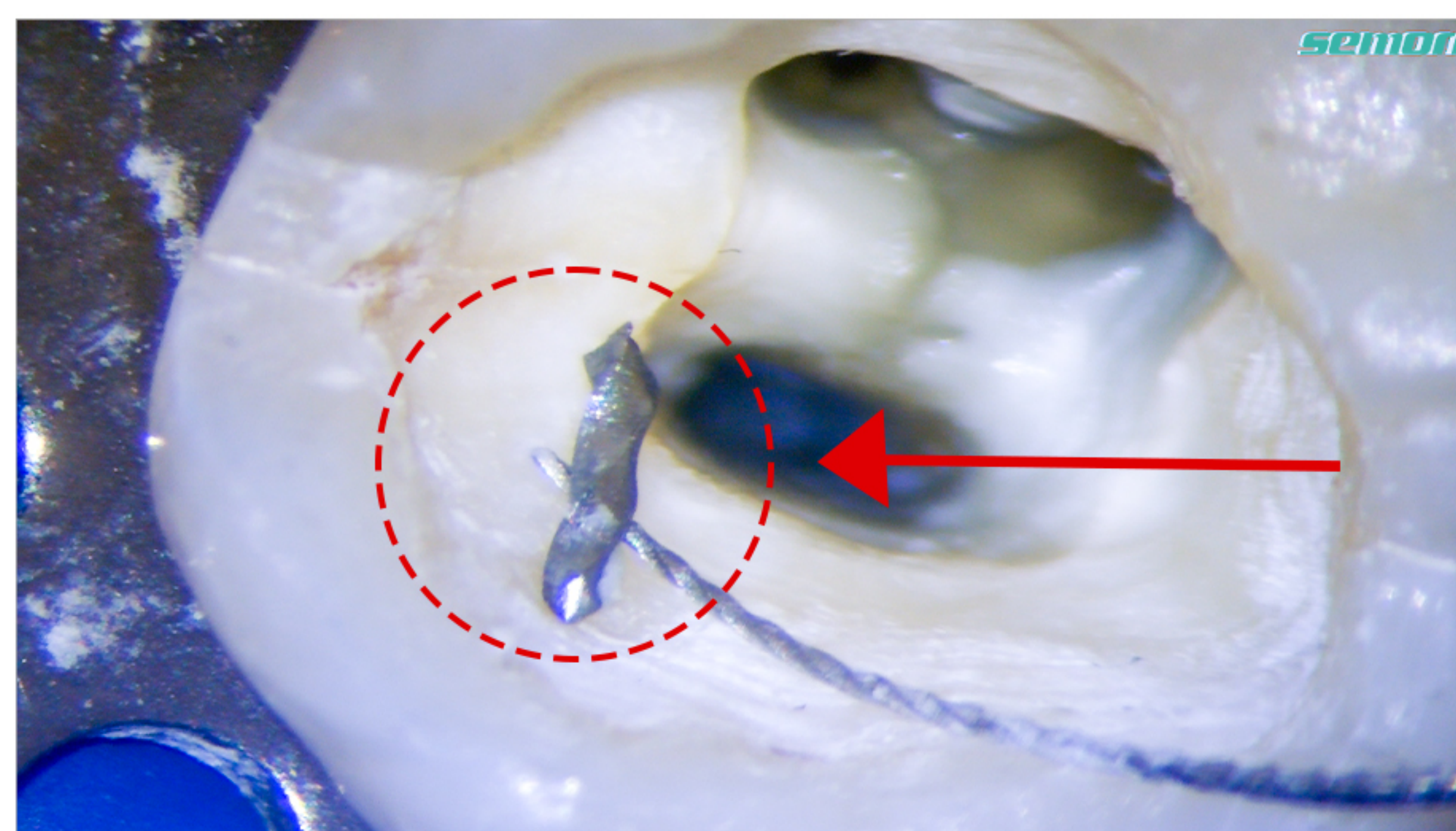
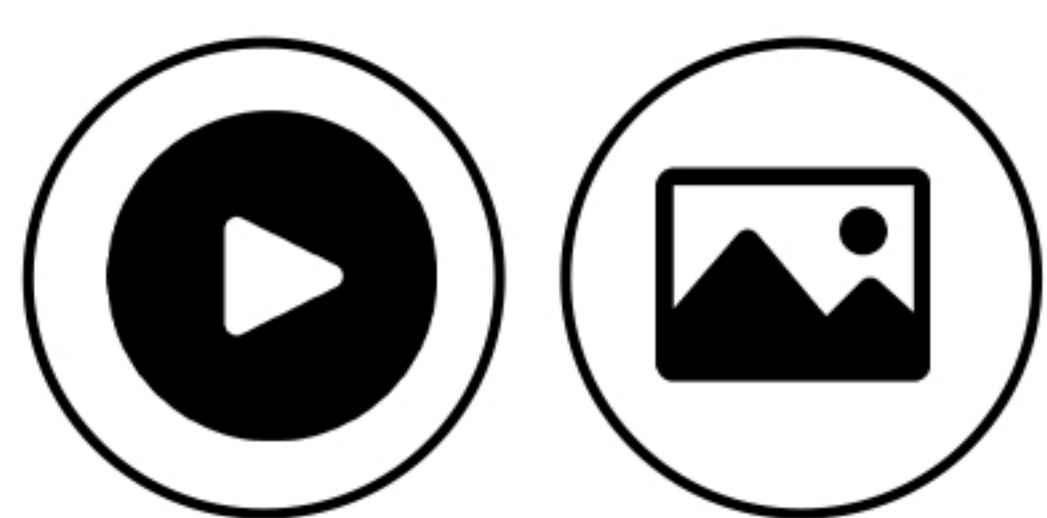
The permanent nano-silver ion coating additionally protects the overall body of the microscope, which can further maintain the cleanliness of the microscope surface, reduce harmful pathogens and reduce the risk of cross-contamination, and adhere to strict disinfection protocols in clinics



DOCUMENTATION BECOMES EASIER

By Foot Control:

- Photo & Video capture



THE MOST RELIABLE OPTICAL AID SUPPORT FOR EVEN THE MOST DEMANDING DISCIPLINES

Endodontics



1

Oral examination



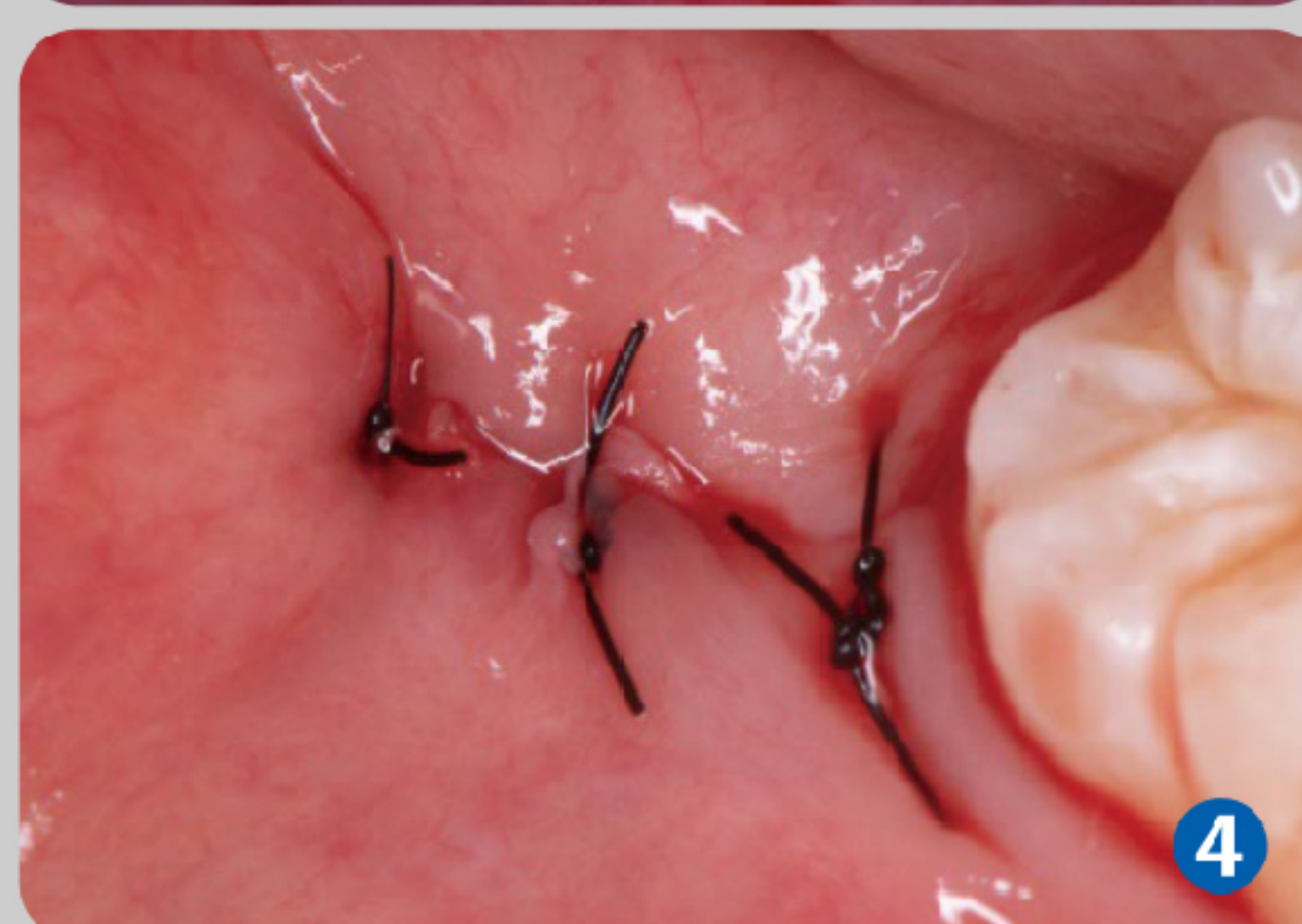
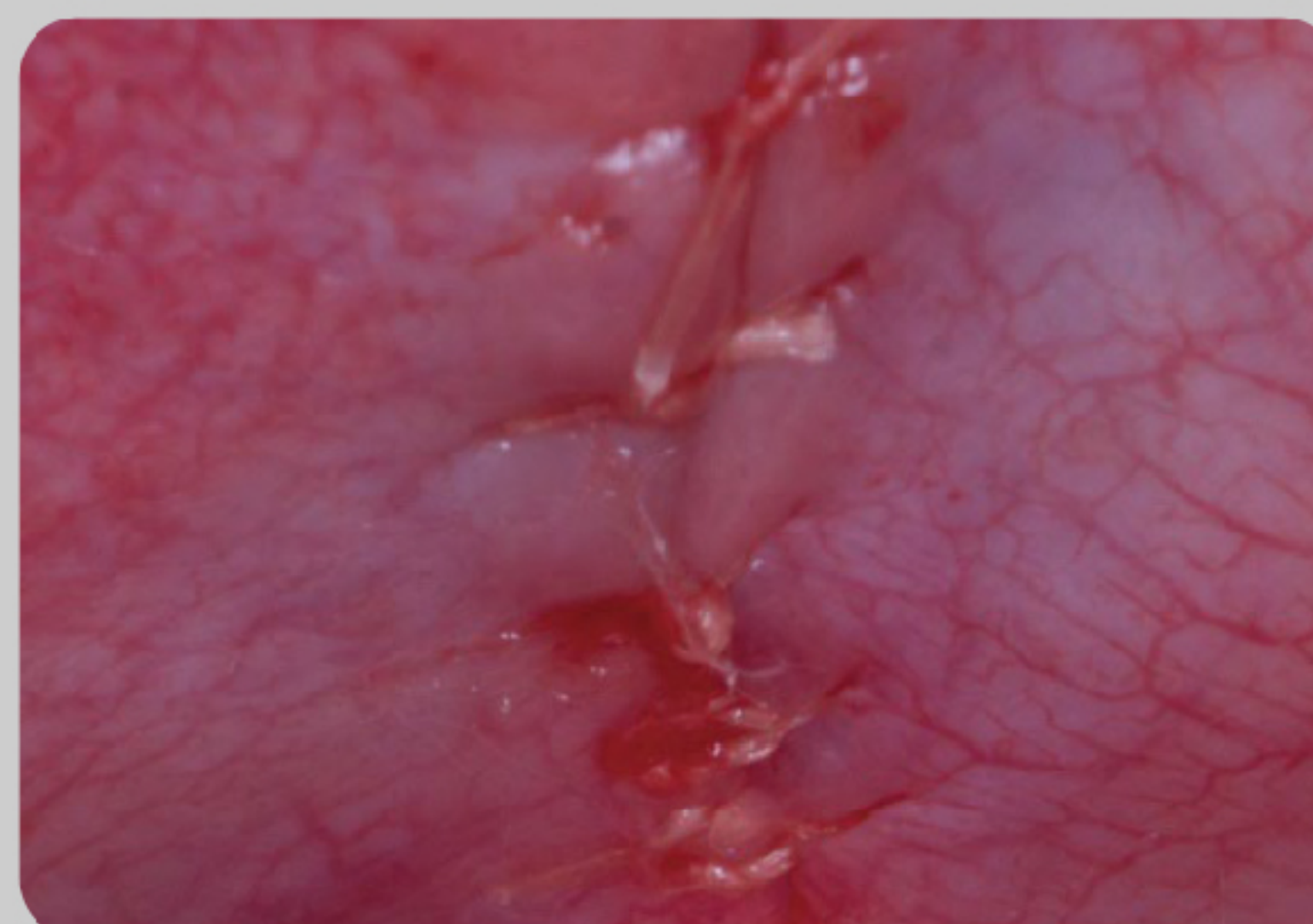
2

Aesthetic dentistry



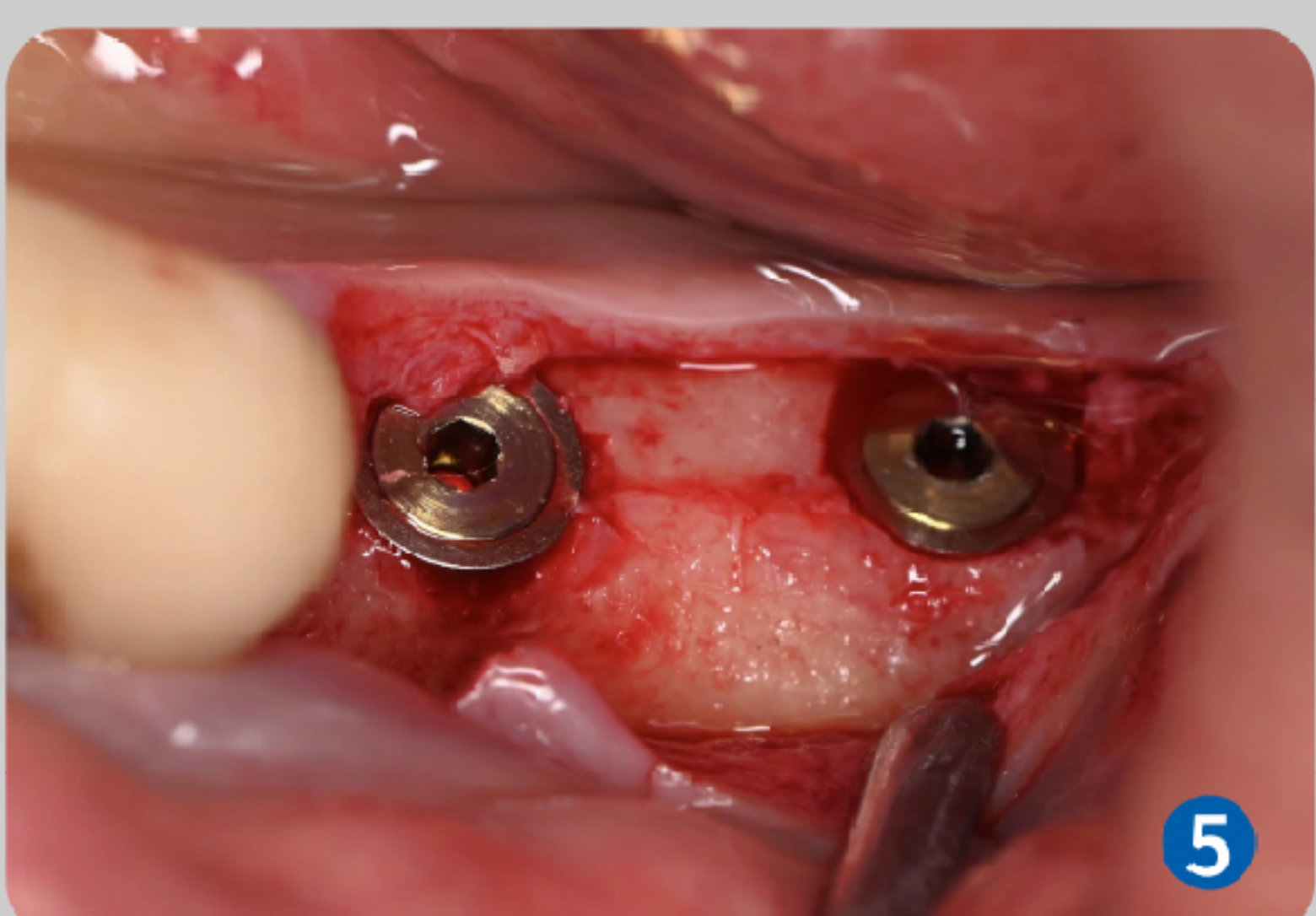
3

Periodontics



4

Implantology



5

IMAGES COURTESY OF:

- Dr. Nuno Pinto ¹
- Dr. Ming Xue ²
- Dr. Hongyuan Wen ³
- Dr. Jianhua Liu ⁴

4K PRO MICROSCOPE TECHNICAL DATA

Microscope System		
Eyepieces		10X/22B high eyepoint ocular help receive larger FOV
Binoculars		0~210° Inclinalable extended tube
PD adjustable range		55mm-75mm
Diopter Range		±7D
Magnifications		ZOOM magnification
Zoom magnifications		3.6x-23.3x
Objective Lens		180mm-460mm
Diameter of FOV(*)		132mm-9.7mm
Illumination System		
Light source		Built-in high-reliability medical LED light source , with continuously adjustable luminance , life span over 60,000 hours
Minimum illumination intensity (f=250)		≥80000lx
Diameter of illumination spot		≥60mm
Color Filter		Yellow , green
Color temperature		5700K , closer to natural light
Support System		
Bracket type		Suspension type bracket
Big arm		460mm, 360° rotation
Spring arm		700mm, ±160° rotation, vertical displacement ±315mm
Maximum arm spread		1390mm
Base size		516mm*516mm
Surface Material		Protected with antibacterial nano silver ion coating to ensure no cross contamination
Built-in 4K camera system		
Video definition		3840×2160 (4K, switchable to 2.7K, 1440P, 1080P, 960P and 720P)
Video frame rate		30fps@4k
Storage medium		External TF flash disk 128G TF
Screencasting Program		Play back video and picture files online
Shooting support mode		JPG\RAW (image format), MP4 (video)
4k pedal		Control 4K video system shooting
Control mode		Wireless remote control: mobile phone, tablet and other terminals Buttons on handle

CONTACT US



perfectdenteg.com



perfectdenteg



perfectdenteg



info@perfectdenteg.com



+201552974571
+201018436971



74 Ammar ibn Yasser, above Metro Market,
Masr Al Jadidah, Cairo, Egypt