

Developed in collaboration with

ASSOC. PROF. AL-FOUZAN
HU-FRIEDY KEY OPINION LEADERS

ENDODONTIC MICROSURGICAL KIT



How the best perform



HU-FRIEDY KEY OPINION LEADERS

ASSOC. PROF. KHALID S. AL-FOUZAN



Khalid S. Al-Fouzan, is an Associate Professor and the Associate Dean of Academic Affairs, at King Saud Bin Abdulaziz University, College of Dentistry, since december 5, 2010. Founder and the past President of the Saudi Endodontic Society from april 2010 to april 2013. Member of the Saudi Board in Endodontic for Health Specialties, Scientific Committee, since march 2005. Director of the Endodontic Board for Health Specialities in KADC-KAMC, NGH, since 2007 and the Division Head, Endodontics, KADC-KAMC, NGH, from april 2004 - november 2013.

AP Al-Fouzan is a diplomat of the American Board of Endodontics, since 2002. AP Al-Fouzan got his certificate in Endodontics from University of Southern California, in july 1998 and a Master in Dental Education from the same school in may 1997. AP Al-Fouzan got his undergraduate training from King Saud University in june 1992 and he is the author of several publications on most appreciated clinical journals.

ENDODONTIC MICROSURGICAL KIT



FEATURES AND BENEFITS

The field of endodontics has vastly improved in technology and techniques over the past years, where surgical methodologies and performances changed dramatically. The gap between biological concepts and the ability to achieve consistently successful clinical results has been strongly reduced thanks to the use of state-of-the-art instruments, new and improved materials, operations performed through surgical microscopes. The practice of these techniques is now known as endodontic microsurgery.

An inherent preconceived risk with traditional endodontic surgery was a potential damage to major vessels or nerve bundles. Because of excessive osteotomies and steep beveling of root surfaces, unnecessary damage to cortical bone and unfavorable crown/root ratios of existing teeth were the results. These potential problems have been overcome with the use of surgical operating microscopes and refined microsurgical instruments. The root apices can now be more easily located, smaller osteotomies are made,

and shallower apicoectomies are done. These apices can then be properly filled with root-end filling materials that are both biocompatible and have osteogenic potential. Keeping this in mind, AP Al-Fouzan Endodontic Microsurgical kit contains selected and appropriately designed instruments for Microsurgical Endodontic procedure which have attempted to provide a **greater ergonomic flexibility** and **more efficient placement of root end fillings**.

Assoc. Prof. Khalid S. Al-Fouzan



ENDODONTIC MICROSURGICAL KIT MICROSURGICAL ELEVATION INSTRUMENTS

MICROSURGICAL CURETTAGE INSTRUMENTS

MICROSURGICAL PERIOSTEAL ELEVATORS

MICROSURGICAL CURETTES



MPAF1

Two bends special designed small oval shaped periosteal elevator with reduced working ends, allowing the instrument to reach difficult areas, particularly indicated for elevation of interdental papilla in the interproximal areas without traumatizing the tissues during flap elevation.



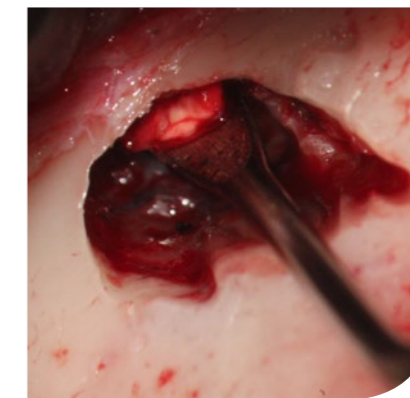
① **MPAF2**
② **MPAF3**

Two bends periosteal instrument elevators with medium and large oval shaped ends, enabling delicate periosteal tissue retraction and better control over the instruments.



① **MCAF1**
② **MCAF2**
③ **MCAF3**

Three angulated curettes useful for curettage of granulosomatous tissue, cyst removal and debridement of surfaces difficult to reach. Furthermore, they can decorticalize the defect bone walls exposing the narrow cavities, improving the osteogenic potential of the defect.

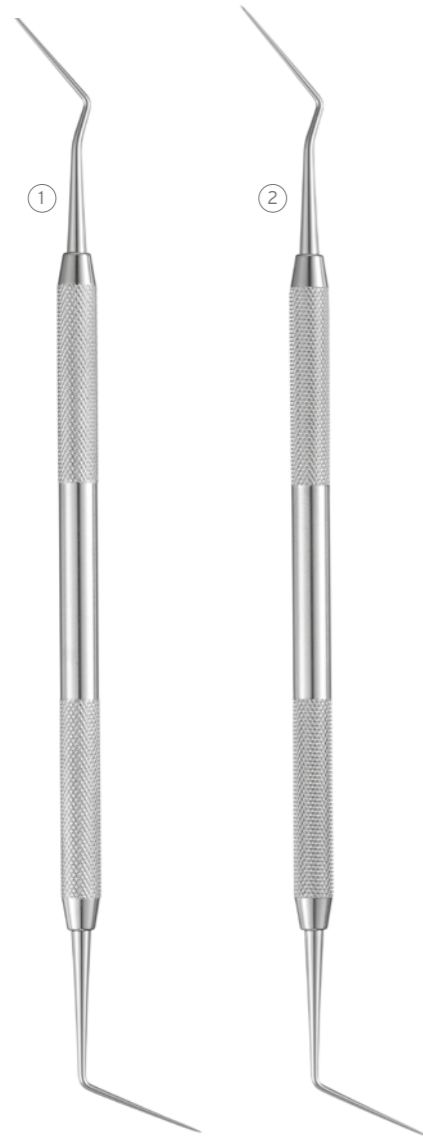




ENDODONTIC MICROSURGICAL KIT

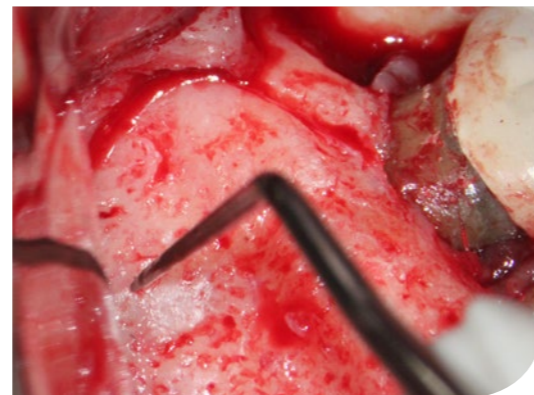
MICROSURGICAL EXAMINATION AND INSPECTION INSTRUMENTS

ENDODONTIC EXPLORERS



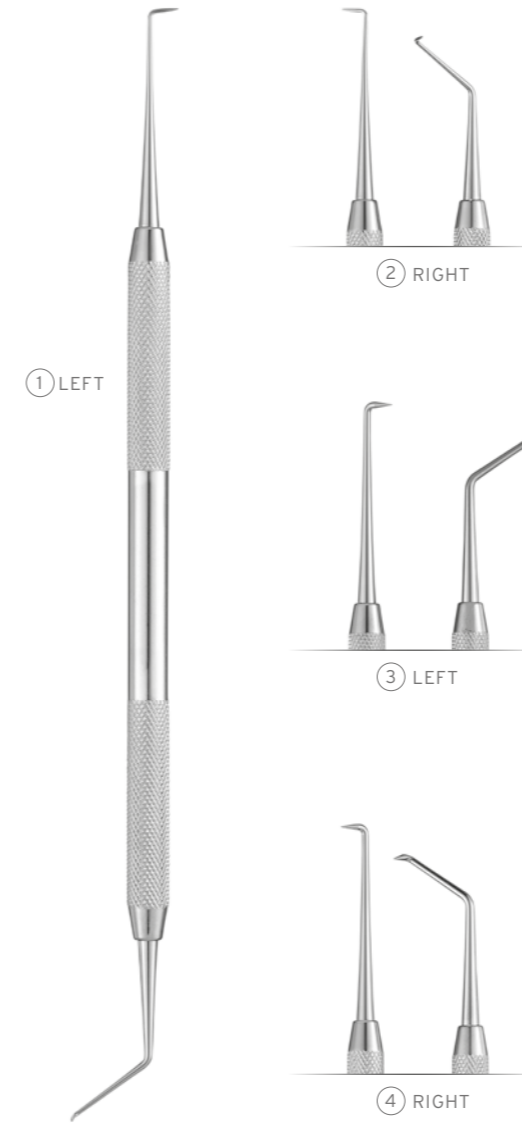
- ① EXAF1
- ② EXAF2

Special designed endodontic explorer comes in two different sizes and a thick shaft to minimize bending of the instrument under pressure providing optimal tip performances. It also comes with sharp tips which improves sounding of the bone and helps in perforating through the lesions, it can also be used for canal orifice detection during conventional root canal treatment.



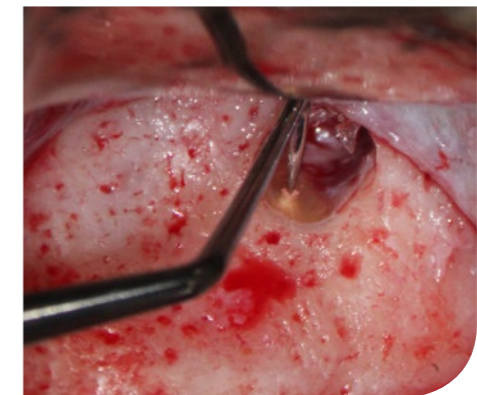
MICROSURGICAL EXAMINATION AND INSPECTION INSTRUMENTS

MICROSURGICAL RETROGRADE ENDODONTIC EXPLORERS



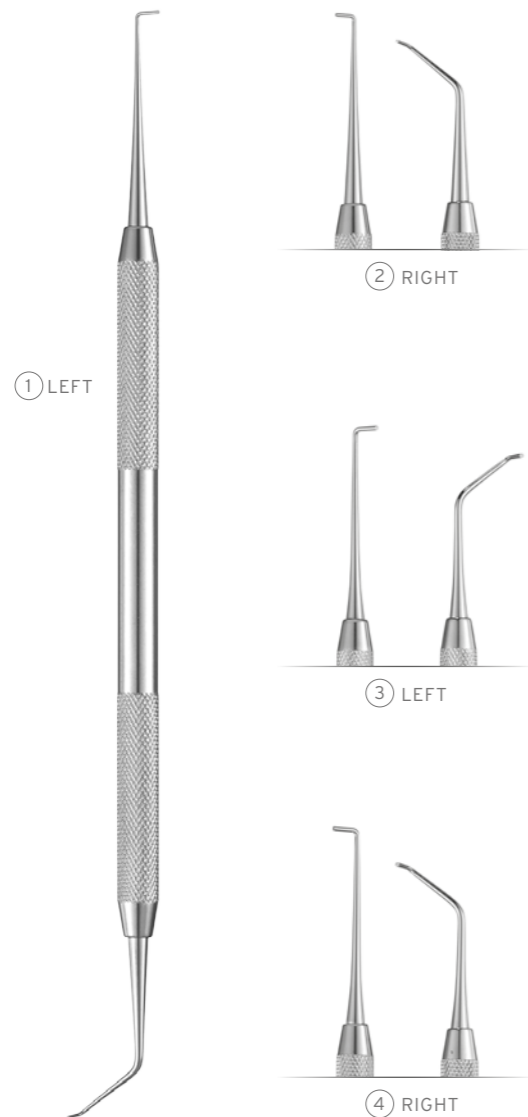
- ① MEXAF1L
- ② MEXAF1R
- ③ MEXAF2L
- ④ MEXAF2R

Sharp 90° angled retrograde endodontic explorer which comes in two different sizes, enabling the reach of difficult retrograde surfaces. It improves detection of the retrograde canal orifice and provides optimal ultrasonic tip performances.



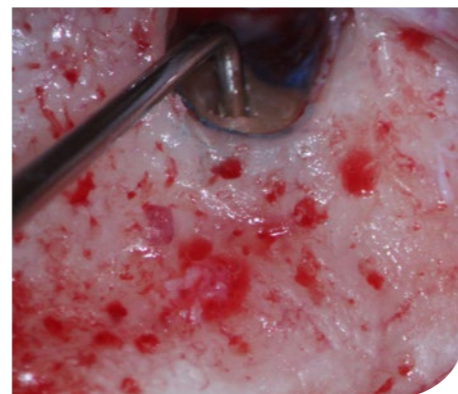


ENDODONTIC MICROSURGICAL KIT MICROSURGICAL RETROGRADE PLUGGERS

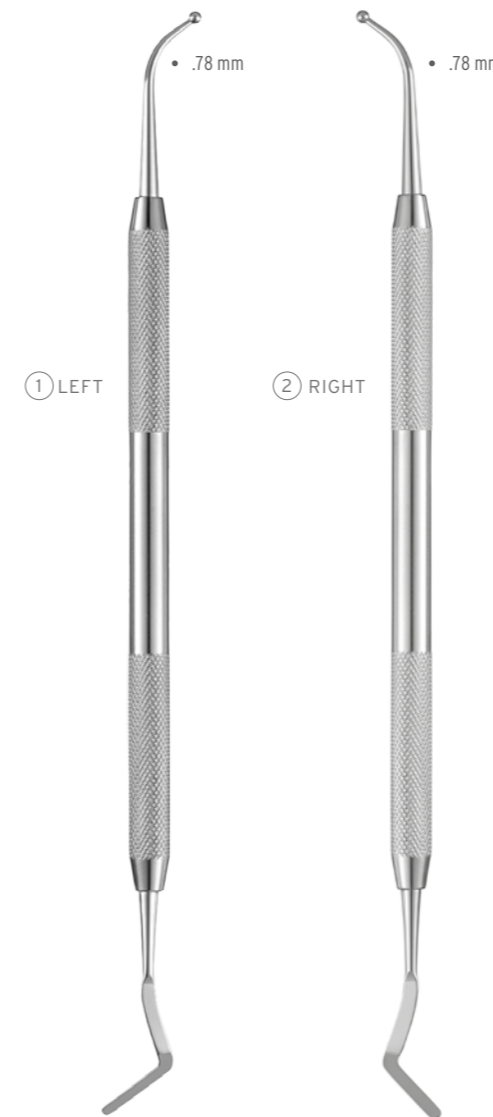


- ① MPLGAF1L
- ② MPLGAF1R
- ③ MPLGAF2L
- ④ MPLGAF2R

Special designed double ended small and medium retrograde pluggers with one angulated tip useful to reach difficult orifices. Straight ends are used for direct access orifices retrofill condensation.

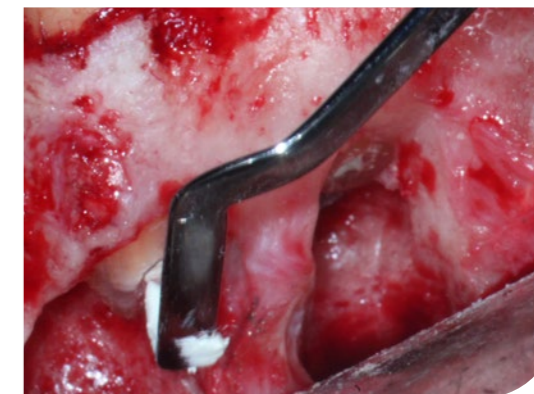


MICROSURGICAL RETROGRADE BURNISHERS



- ① MBPFIAFL
- ② MBPFIAFR

Double ended off set-angled instrument with flat end allowing easy adaptability of the retrograde filling material, providing increased access and better visibility, with a spherical round end for burnishing retrograde material in place.





ENDODONTIC MICROSURGICAL KIT THE KIT

HU-FRIEDY IS PROUD TO INTRODUCE YOU THE COMPLETE KIT FOR SIMPLIFIED ENDODONTIC MICROSURGICAL PROCEDURES

PRODUCT

PRODUCT	CODE
Al-Fouzan Periosteal Elevator Microsurgical No. 1	MPAF1
Al-Fouzan Periosteal Elevator Microsurgical No. 2	MPAF2
Al-Fouzan Periosteal Elevator Microsurgical No. 3	MPAF3
Al-Fouzan Curette Microsurgical No. 1	MCAF1
Al-Fouzan Curette Microsurgical No. 2	MCAF2
Al-Fouzan Curette Microsurgical No. 3	MCAF3
Al-Fouzan Explorer Endo No. 1	EXAF1
Al-Fouzan Explorer Endo No. 2	EXAF2
Al-Fouzan Explorer Endo Microsurgical No. 1, right	MEXAF1R
Al-Fouzan Explorer Endo Microsurgical No. 1, left	MEXAF1L
Al-Fouzan Explorer Endo Microsurgical No. 2, right	MEXAF2R
Al-Fouzan Explorer Endo Microsurgical No.2, left	MEXAF2L
Al-Fouzan Plugger Microsurgical No. 1, right	MPLGAF1R
Al-Fouzan Plugger Microsurgical No. 1, left	MPLGAF1L
Al-Fouzan Plugger Microsurgical No. 2, right	MPLGAF2R
Al-Fouzan Plugger Microsurgical No. 2, left	MPLGAF2L
Al-Fouzan Burnisher Microsurgical, right	MBPFIAFR
Al-Fouzan Burnisher Microsurgical, left	MBPFIAFL
Tweezers No. 3	DP3
High Definition CS Mirror No. 5 single-sided, Cone socket, 1pc/pack	MIR5HD
Mirror Handle No. 24 US-Thread	MH24
Probe UNC No. UNC12 handle No. 6 Qulix 1-2-3....12	PCPUNC126
Tissue Pliers Endo No. 1 with lock	EPL1
Curette Gracey Labriola-Cortellini No. 7/8 handle No. 9	SG7/89LC
Cheek Retractor Urban	CRURBAN
Needle Holder Crile-Wood, grooved, 3-0 - 6-0, 15 cm	NHCW
Tissue Pliers Adson No.42 PermaSharp surgical 1 x 2-straight 12 cm	TP5042
Scissors Wagner No.5 straight serrated 11,5 cm	S5
Tissue Pliers Adson12cm surgical 1 x 2-straight	TPMSA
Scalpel Handle No. 5E, European handle	10-130-05E
IMS Endo Stand, hinged, double-lid stand holds endodontic files and reamers (up to 48)	IMS-1275D
IMS Infinity DIN Surgical cassette for 18 instruments with an accessory area + 4 clips (2 x I1000) for hinged instruments	IMEDIN18_S



INSTRUMENT MANAGEMENT SYSTEM

By standardising your instruments with IMS, additional time and revenue is generated while extending the useful life of your Hu-Friedy instruments.












Dental professionals state that by implementing IMS, they save 5 to 10 minutes per procedure allowing the staff to spend more time on value-added activities.

In addition, safer transportation of soiled instruments reduces risk of injury and exposure to blood borne pathogens.

IMEDIN18_S

IMS Infinity DIN Surgical cassette for 18 instruments with an accessory area + 4 clips (2 x I1000) for hinged instruments. The kit includes 2 IMS Infinity DIN Surgical cassettes.

CASSETTE IS AVAILABLE WITH DIFFERENT COLOURED SILICONE RAILS

Red		IMEDIN180S
Grey		IMEDIN181S
White		IMEDIN182S
Orange		IMEDIN183S
Purple		IMEDIN184S
Yellow		IMEDIN185S
Lavender		IMEDIN186S
Black		IMEDIN187S
Blue		IMEDIN188S
Green		IMEDIN189S
Ocean Blue		IMEDN1811S



Hu-Friedy

For more information about
Hu-Friedy's Total Solutions visit
HU-FRIEDY.EU

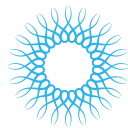
PERIODONTAL



RESTORATIVE



ORTHODONTIC



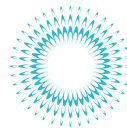
INSTRUMENT
MANAGEMENT



ENDODONTIC



SURGICAL



ULTRASONIC
SCALING



Manufacturer: Hu-Friedy Mfg. Co., LLC | 3232 N. Rockwell Street | Chicago, IL 60618 | USA
Customer Care Department: Hu-Friedy Mfg. Co., LLC.
Free Call +800 HUFRIEDY (00800 48 37 43 39) | Free Fax 00800 48 37 43 40
E-Mail: info@hu-friedy.eu | Website: Hu-Friedy.eu

©2017 Hu-Friedy Mfg. Co., LLC. All rights reserved. The contents of this Product Catalog & Reference Guide including, but not limited to, all text, photographs and graphics, are the sole and exclusive property of Hu-Friedy Mfg. Co., LLC and may not be copied, reproduced or distributed without prior written permission.
Hu-Friedy Mfg. Co., LLC. reserves the right to change features of products, images and text at any time without notice. N2354-EN/0217

Hu-Friedy[®]

How the best perform