



HU-FRIEDY KEY OPINION LEADER

PETER RAFTERY
APICAL MICROSURGERY INSTRUMENT KIT

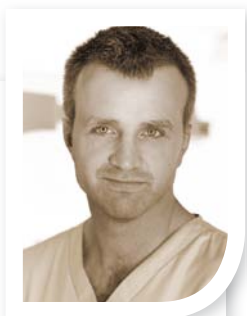
Peter Raftery

Peter is a GDC registered Specialist in Endodontics. He graduated in Dentistry from Trinity College, Dublin in 2003 before attending Oxford University on a rugby scholarship where he completed an MSc in Diagnostic Imaging.

In 2007 Peter began full-time Specialist training at the Eastman Dental Hospital in London. Over the course of this three year period he gained an endodontic MClintDent and then the endodontic exit examinations from both the Royal Colleges of Surgeons in England (MRD) and Edinburgh (MEndo).

Peter currently spends one day a week teaching King's College London undergraduates and the rest in his Portsmouth based Specialist Endodontic Practice. Peter set up and now runs the Hampshire Endodontic Study Club and regularly lectures across the UK and Ireland on the subject of endodontics.

As a specialist endodontist Peter sees his role as saving teeth which, in the rare instances of the failure of non-surgical endodontic treatment may mean apicectomy, but endodontic surgery is not limited to this procedure only. Peter routinely performs root resections and surgical perforation repairs as ways of avoiding extractions.



“ The advent of micro-surgical techniques as applied to endodontic surgery has delivered exciting recent improvements in success rates. Discussions with patients on the likely outcome of surgical endodontics by ‘traditional-methods’ used to revolve around success rates 44-95%. The same procedure performed with contemporary microsurgical techniques returns a greater, more consistently high rate of successes 88-96%.

The use of magnification, illumination and well-designed instruments allows for more predictable apicectomy procedures. This is a list of those Hu Friedy instruments I find invaluable.”

—PETER RAFTERY

PARTCODE	DESCRIPTION	QUANTITY
IMEDIN18_S	New GENERATION DIN IMS Cassette 18 Instruments Surgical	
SHDPV	2x Microsurgical Mirror Handle	
MM7	Micro surgical mirror rectangular 7x2mm, flexible	
MM5	Micro surgical mirror round 5mm, flexible	
10-130-5DE	Scalpel Handle 1,5mm #5DE Double blade Europ.	
10-256-15	Scalpel Blades #15C 100pcs/pkt	
CRMS	Cheek Retractor Simion	
PCPUNC126	Probe UNC #UNC12 hdl #6 Qulix 1-2-3...1	
MIR4	Mirror #4 US-Thread 1 pcs/pack	
MH6692K	Mirror Handle hdl. #1 US-thread, graduated	
PPBUSER6	Periosteal Buser handle #6	
P9H	Periosteal Howard #9	
MAR-C2	Excavator Micro Surgical #2 hdl #41	
MAR-SAC.5	Root Condenser Micro Endo #5 hdl #41 straight	
MAR-SAC1	Root Condenser Micro Endo #1 hdl #41 straight	
CL876	Surgical Curette Lucas #87 hdl #6, 3,5mm	
MRFR	Filling Instrument #41 Right retrograde	
TP5042	Tissue Pliers Adson #42 PermaSh surg. 1x2-straight 12cm	
DP18PS	Tweezers #18 Perma Sharp	
DP18L	Tweezers #18 Closing Clip	
S14SC	Scissors LeGrange #14 do. angled SuperCut 11,5cm	
NH5032	Needle Holder Derf #5032 PermaSharp serrated 12cm	
PSN8683P	Surgical Suture Polypropylene #4-ONA/C-6 reverse cut 3/8crl	
PSN8614P	Surgical Suture Polypropylene #5-ONA/C-22 reverse cut 3/8crl	

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INCISION AND FLAP ELEVATION

As a general rule I will plan my incisions for a margin-sparing flap for surgeries on anterior teeth and I will elevate an intra-sulcular flap design for the posterior teeth which are out of the aesthetic zone. I will typically place only one relieving incision which I find allows for adequate access / vision whilst reducing the scarring risk and overall treatment time although it is simple and quick to place a second relieving incision if inter-operative access requirements dictate.

I find a round handled scalpel blade allows for a pen-like grip which in turn promotes a smoother contouring of the incision than can easily be achieved with the broad flat traditional scalpel handle.

The significance of well-engineered, sharp periosteal elevators cannot be overstated. A bloodless operating field and a flap that is easy to reposition and then suture come with use of such instruments.

I find that a flat ended retractor gives me the most stable purchase on the bone, minimising slipping and flap trauma.

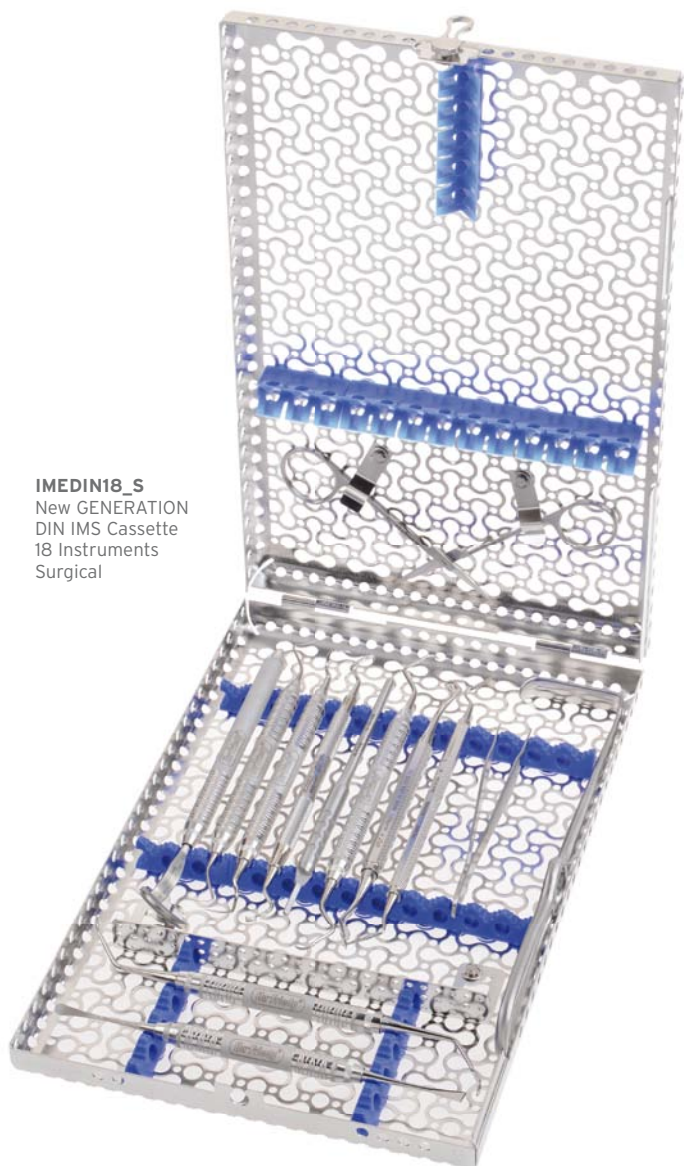
ROOT END MANAGEMENT

Removing the granulation tissue out of the bony crypt with sharp, smartly designed curettes quickly allows the operator to see what they are dealing with. Curettes that are blunt, flexible, too big or incorrectly shaped will slow progress significantly. After shaving the root end down by around 3mm with little or no bevel, the freshly cut root end can only be inspected for cracks with micro-mirrors and nothing on the market compares with the sharp clarity of rhodium coated front-surface micro-mirrors prior to retro cavity preparation.

The apical pluggers neatly allow increments of root end filling material to be transferred to and condensed into the retrocavity.

SITE CLOSURE

I review all of my surgery cases after a week so my preference for closure is a Monofilament Polypropylene Perma Sharp suture. I find the knotting ability of the monofilament material to be far superior. I favour a fine 5-0 suture in the aesthetic anterior region but a 4-0 suture and a slightly larger needle for easier use in the posterior region.



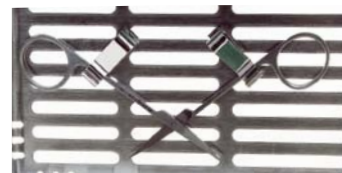
IMEDIN18_S
New GENERATION
DIN IMS Cassette
18 Instruments
Surgical

Hu-Friedy IMS 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.

Cassette Color Coding

- IMEDIN180S = Red
- IMEDIN181S = Grey
- IMEDIN182S = White
- IMEDIN183S = Orange
- IMEDIN184S = Purple (new)
- IMEDIN185S = Yellow
- IMEDIN186S = Lavender
- IMEDIN187S = Black (new)
- IMEDIN188S = Blue
- IMEDIN189S = Green
- IMEDIN1811S = Ocean Blue (new)



IM1000
IMS Hinged Instruments
Clips for Signature
Cassette 2 pcs

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MM5
 Micro surgical mirror round 5mm, flexible



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10-256-15
 Scalpel Blades #15C 100pcs/pkt



CRMS
 Cheek Retractor Simion



PCPUNC126
 Probe UNC #UNC12 hdl #6 Quilix 1-2-3...1



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 Mirror Handle hdl. #1 US-thread, graduated



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P9H
 Periosteal Howard #9



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 Excavator Micro Surgical #2 hdl #41



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 Root Condenser Micro Endo #5 hdl #41 straight



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 Root Condenser Micro Endo #1 hdl #41 straight



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 Surgical Curette Lucas #87 hdl #6, 3,5mm



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 Filling Instrument #41 Right retrograde

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TP5042
 Tissue Pliers Adson
 #42 PermaSh surg.
 1x2-straight 12cm



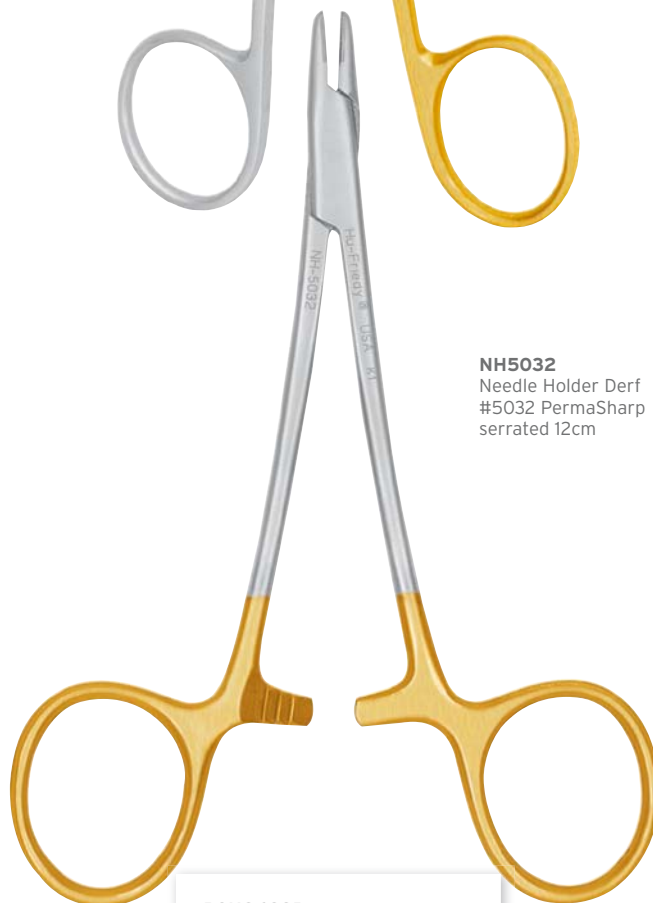
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For more information on our products please contact
Chris Mason - 0770 318 6474 (cmason@hu-friedy.com),
Atif Ramzan - 0788 076 2079 (aramzan@hu-friedy.com),
 visit our website www.Hu-Friedy.eu