

schöttl[®]lander

improving dentistry together



XP-endo Shaper

3D preparation from a single rotary file




XP-endo Finisher

Expands to improve its reach 100 fold



**TotalFill
Premixed
Bioceramics for
3D Obturation**



Endodontic Catalogue

July 2019

XP-endo Shaper

3D preparation from a single rotary file

Prepares to the shape of the canal
not to the shape of the instrument



- Ability to shape from $\text{Ø } 15$ to $\text{Ø } 30$
- Designed with six cutting edges for optimal guidance



- Optimal expansion capacity of up to 3x its core size
- Seamless adaptation to canal irregularities



MaxWire®

- Excellent resistance to cyclic fatigue
- Superelasticity and extreme flexibility



- Unique patent design delivers unequalled debris removal
- Minimal stress applied to dentine walls

Please see pages
2 and 3 for further
information

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Prices correct at time of printing.

XP-endo Shaper

3D preparation from a single rotary file

SHAPING

Simplify your endodontics with the unique one-file system



- Ability to shape from $\text{Ø } 15$ to $\text{Ø } 30$
- Designed with six cutting edges for optimal guidance



- Optimal expansion capacity of up to 3x its core size
- Seamless adaptation to canal irregularities



MaxWire®

- Excellent resistance to cyclic fatigue
- Superelasticity and extreme flexibility



- Unique patent design delivers unequalled debris removal
- Minimal stress applied to dentine walls

Size: 30/.04
Speed: 800 -1000 rpm
Torque: 1 Ncm

RETREATMENT

Also intended for retreatment
1000-2500 rpm

© Dr. Gilberto Debelian (Norway) and
Dr. Klaus Lauterbach (Germany), All rights reserved



Photograph illustrating a case of retreatment before instrumentation



After instrumentation
no debris is seen



Root filling material removal
during retreatment case

One File Shaper

The MaxWire® and Booster Tip (BT) technologies combine to make the XP-endo Shaper a “One File Shaper”. It has the ability to start shaping at ISO diameter 15 and to achieve ISO diameter 30, but also to increase the taper from .01 to at least .04. It allows to reach a final canal preparation of minimum 30/.04 and this with only one instrument.

Remarkable Benefits

Its “snake” shape, superelasticity and extreme flexibility combined with continuous rotation at high speed (800rpm) and minimal torque ensure:

- > Minimal stress is applied to the dentine walls and the risk of micro-cracks in the dentine is minimised due to support from the spring action against the walls.
- > Micro-debris that is created is easily and efficiently removed vortexing up coronally. This is thanks to the turbulence generated by the instrument and the available space compared to instruments with a larger core diameter.
- > Adaptation to canal irregularities.
- > Excellent resistance to cyclic fatigue.
- > A gentle, non-aggressive and conservative treatment.

Simplified Handling

Thanks to this unique instrument, treatment is easier to perform, treatment time is shorter, the risk of errors and incidents are radically reduced and the root structure is preserved. Shaping becomes a simple, safe and quick process.



3
Treatments
per pack

XP-ENDO SHAPER

containing 3 instruments per pack

£43.50

Length 21mm	Code 371-21
Length 25mm	Code 371-25
Length 31mm	Code 371-31

XP-endo Finisher

Optimal cleaning while preserving dentine

CLEANING

Improve your endodontics with the universal mechanical cleaning system



- Revolutionary design provides enhanced ability to clean areas previously impossible to reach
- Exclusive tip



- Extreme expansion capacity optimization of up to 100x its core size
- Seamless adaptation technology for all root canal morphologies



MaxWire®

- Excellent resistance to cyclic fatigue
- Extreme flexibility and agility



- Uniquely designed for thorough debris removal
- Exceptional dentine preservation features

Size: 25/00
Speed: 800-1000 rpm
Torque: 1 Ncm

RETREATMENT

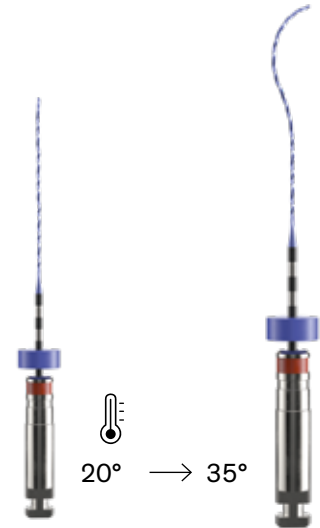
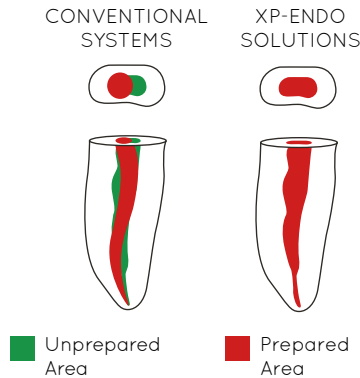
For retreatment use the XP-endo Finisher-R in size 30/0.0

EFFICIENT

up to **98%**
bacterial reduction¹

"XP-endo files' optimal expansion properties and sleek design adapts to the root canal using a minimally invasive approach that predictably cleans oval canals and complex anatomies."

GILBERTO DEBELIAN DMD, PhD
Oslo Norway



Traditional instrumentation shown with 3D Micro CT



Canal morphology before instrumentation (green).



Canal walls touched using a standard NiTi file (red). Untouched canals (green).

Courtesy of Dr. Frank Paqué (Switzerland).

Using XP-endo instrumentation shown with 3D Micro CT



Canal morphology before instrumentation (green).



Canal walls touched using a standard NiTi file + **XP-endo Finisher** (red).

Courtesy of Dr. Gilberto Debelian (Norway) and Dr. Frank Paqué (Switzerland).



XP-ENDO FINISHER

containing 3 instruments per pack

£43.50

ISO 25/Length 21mm

Code 856-21

ISO 25/Length 25mm

Code 856

XP-endo Finisher Retreatment

The XP-Endo Finisher Retreatment has a core diameter larger than the XP-Endo Finisher, making it slightly stiffer and also more efficient in removing root filling materials adhering to the canal walls, especially in the curvature and oval areas.

Thanks to its small core size and its zero taper, the file benefits from incredible flexibility and show unparalleled resistance to cyclic fatigue. It can then contact and scrape the dentine surface and/or the root filling material without changing the original shape of the canal. This universal instrument should be used following any retreatment case of diameter ISO 30 or more.

XP-ENDO FINISHER RETREATMENT

containing 3 instruments per pack

£43.50

ISO 30

Code 372-25

Totalfill BC Premixed Bioceramic Materials

The “State-of-the-Art” in Endodontic Obturation has changed*

How does your current obturation system compare?

	BC Sealer & BC Points	Your Current System
Biocompatible	✓	?
Chemical Bond of Sealer to Dentine	✓	?
Chemical Bond of Sealer to Filling Material	✓	?
Cost Effective (considerably less expensive than carriers)	✓	?
>12 pH upon setting	✓	?
Highly Radiopaque	✓	?
Hydrophilic	✓	?
Hydroxyapatite Producing	✓	?
Ideal working and setting time	✓	?
Premixed and ready to use	✓	?
Zero shrinkage of Sealer and Filling Material	✓	?
3D Bonded Obturation at room temperature	✓	?



“These products represent a major advance in bonded root filling restorations. A high pH during setting, biocompatibility when set and dimensional stability are important advantages over traditional root canal sealers.”

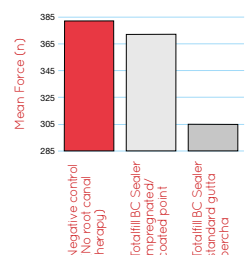
Dr Martin Trope - Clinical Professor, University of Pennsylvania.

Unlike traditional points, Totalfill BC Points are subjected to a patented process of impregnating and coating each cone with bioceramic nanoparticles. The bioceramic particles found in Totalfill BC Sealer bond with the bioceramic particles in Totalfill BC Points to form a true gap-free seal. A recent study showed that Totalfill BC Sealer, when used in conjunction with our impregnated and coated cones, actually increased the fracture resistance to a level comparable to that of teeth that have not undergone root-canal therapy.

Source: Ghoneim AG, Lutfy RA, Sabet NE, Fayyad DM. Resistance to fracture of roots obturated with novel canal-filling systems. JOE. 2011; 37 (11): 1590-2.

*Research bibliography available on request.

Fracture Resistance Comparison Chart



TotalFill BC Premixed Bioceramic Materials

Unlike conventional base/catalyst sealers, TotalFill BC Sealer utilises the moisture naturally present in the dentinal tubules to initiate its setting reaction. This highly radiopaque and hydrophilic sealer forms hydroxyapatite upon setting and chemically bonds to both dentine and to our bioceramic points (TotalFill BC Points). TotalFill BC Sealer has a highly alkaline pH and unlike traditional sealers, TotalFill BC Sealer exhibits absolutely zero shrinkage.

TotalFill BC Sealer - Cold Bonded obturation

- > For Sealer-based technique
- > Optimal for cold obturation



TOTALFILL BC SEALER
containing 2g syringe & 15 RPM tips

Code 048-7 **£142.50**

TotalFill BC Sealer HiFlow - Warm Bonded obturation **NEW**

- > For Condensation-based technique
- > Optimal for warm obturation
- > Lower viscosity when heated
- > Higher radiopacity



TOTALFILL BC SEALER HIFLOW
containing 1.5g syringe & 15 RPM tips

Code 048-45 **£142.50**

TotalFill BC RRM Fast-Set Root Repair Putty

TotalFill RRM Fast-Set Putty is a calcium silicate bioceramic, supplied pre-mixed with just the right putty-like consistency. You only dispense what you need, no more no less. And if you need more then you just dispense it from the applicator. What is more TotalFill RRM Fast-Set Putty sets in just 20 minutes, minimising the risk of wash out.

Superior Handling

- > Moldable/Condensable putty consistency
- > Extremely resistant to washout
- > Shortened set time (20 minutes)

Excellent Healing

- > Highly Biocompatible
- > Osteogenic
- > Non-staining



TOTALFILL BC RRM FAST-SET PUTTY

containing 0.3g syringe

Code 048-6 **£121.50**

Applications: Root Endo Filling (Retrograde fills), Repair of Root Perforations, Repair of Root Resorption, Apexification & Pulp Capping.

TotalFill BC Root Repair Material (RRM)

TotalFill BC RRM (Root Repair Material) is available in two specifically formulated consistencies (syringable paste or condensable putty) and contains many of the same characteristics as TotalFill BC Sealer. The favourable handling properties of this material and its resistance to washout make it ideal for all of your root repair and pulp capping needs.

- > Premixed paste or putty
- > Highly Resistant to Washout
- > Highly Biocompatible
- > Shortened Set Time
- > Osteogenic
- > High pH during set



TOTALFILL BC (RRM) SYRINGE

containing 1g syringe & 7 RRM tips

Code 048-2 **£205.00**

TOTALFILL BC (RRM) PUTTY

containing 2.5g pot

Code 048-3 **£390.00**

SEALER/RRM TIP

containing 15 tips

Code 048-4 **£12.95**

TotalFill BC Points

Unlike traditional points, TotalFill BC Points are subjected to a patented process of impregnating and coating each cone with bioceramic nanoparticles. The bioceramic particles found in TotalFill BC Sealer bond with the bioceramic particles in TotalFill BC Points to form a true gap-free seal.

- > ISO Tip Sizes
- > Laser verified for accuracy
- > Impregnated with bioceramic nanoparticles
- > Stiffer than normal Gutta Percha
- > Coated with bioceramic nanoparticles for a true gap-free seal use TotalFill BC Points.



TOTALFILL BC POINTS .06

20	Code 048-31
25	Code 048-32
30	Code 048-33
40	Code 048-35
45	Code 048-36

TOTALFILL BC POINTS .04

20	Code 048-21
25	Code 048-22
30	Code 048-23
35	Code 048-24
40	Code 048-25
15-60*	Code 048-30

TOTALFILL BC POINTS

containing 60 points

£20.95

*Size 15-60 contains 300 points

£67.50

RaCe - the system that adjusts to your method of working

Because RaCe instruments are sharper, more flexible and less likely to bind in the canal than competitor instruments they can be supplied to suit your preferred method of working. There are three main instrument sequences being RaCe 123, RaCe Original and BioRaCe plus an extended range of additional instruments both in kits as well as individual sizes.

RaCe 1 2 3 Single Patient Kits

The simple technique using only three rotary NiTi files saves both on time and cost and comes as a single patient kit. Packed together with steel K-files sizes 10, 15 and 20 it provides a complete kit with all the instruments you need for a single patient.

Advantages:

- > Simple technique.
- > Lesser number of instruments required.
- > "Screw-in effect" experienced with other instruments is avoided.
- > Preparation to size #35 at apex to aid more complete irrigation (most systems only go up to size #25).
- > Complete patient kit.
- > Economical pricing (as low as £19.50 + VAT).

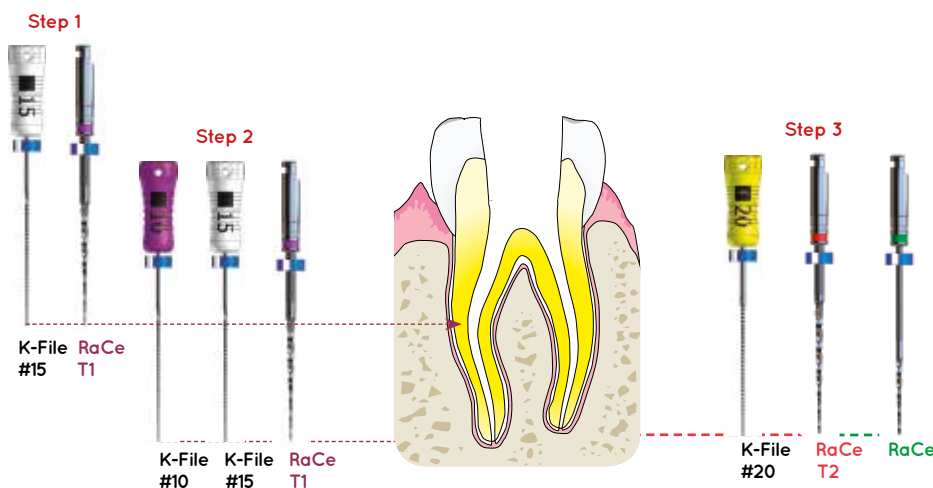
Application:

Where the canals are clearly visible radiographically and exhibit slight to moderate curvature. If sizes 10 or 15 hand files do not readily reach working length then choose an alternative instrumentation protocol.

Matching Paper & GP Points:

Schottlander .04 #35

RaCe 123 Rotary Technique



Step 1

Take the K-File #15 to the binding point. Transfer the measurement to RaCe T1 (purple) & instrument the canal to a maximum of half the estimated working length.

Step 2

Establish the working length with the K-File #10. Recapitulate to working length with the K-File #15 followed by the RaCe T1 (purple).

Step 3

Instrument with the K-File #20 until loose in the canal followed by RaCe T2 (red) and then RaCe T3 (green), complete preparation to 0.5mm short of working length. This produces a box preparation ready for obturation with a Schottlander GP Point .04 #35.

Working Length -

Working length is taken as the 0.00 (Apex) reading on the Apex Locator. When measured radiographically take all instruments shorter by an additional 0.5mm. **Note:** In curved canals the working length should regularly be reconfirmed.

RaCe 1 2 3 Single Patient Kits

Matching Paper Points & Gutta Perch Points:

Paper Points .04 #35

List price £5.00 per pack of 100 Code 338-35

Gutta Percha Points .04 #35

List price £10.50 per pack of 60 Code 193-35



RACE 123 ROTARY KIT

Containing 6 instruments per pack:
RaCe NiTi T1, T2 and T3, Hand Steel K-Files
.02#10, #15 & #20 Code 840-1 £22.95

RACE 123 HAND KIT

Containing 6 instruments per pack:
Hand RaCe NiTi T1, T2 and T3, Hand Steel K-Files
.02#10, #15 & #20 Code 840-5 £22.95

10 Kit rate (each) £20.50

50 Kit rate (each) £19.50

Original RaCe - protocol as developed by Dr Chris Stock

Using the original technique developed by Dr Chris Stock this protocol has proved its reliability for many years. The first two files in the protocol open up the coronal portion to give a clear access path. Then using an apical size of 25 the taper is gently increased from .02 through .04 to .06, and provides an extremely forgiving technique.

Advantages:

- Coronal portion opened up to give clear sight and easy access.
- Gentle increase in taper from .02 to .06 enables even those new to rotaries to achieve success from day one.
- "Screw-in effect" experienced with other instruments is avoided.
- Introductory kits contain complete NiTi sequence for canals with moderate curvature.
- Wide range of ancillary instruments to enable even the most difficult canals to be instrumented.

Application:

All canal types with a range of instruments to tackle even the most challenging of canals. Introductory kits for canals with moderate curvatures.

Matching Paper & GP Points:

Schottlander .06 #25

Original RaCe Technique

Step 1

Establish a guide path to 1/2 or 3/4 length.

Step 2

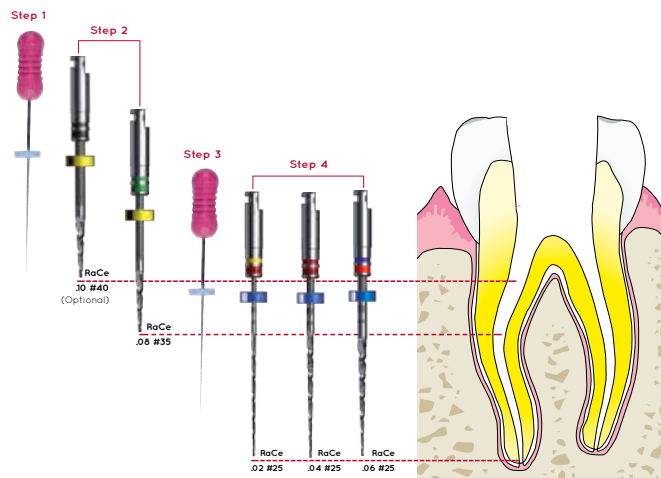
Prepare the coronal and middle portions of the root canal.

Step 3

Measure the working length of the canal whilst establishing a guide path to the apex.

Step 4

Prepare the apical portion starting with taper .02 for reduced instrument stress.



Colour Marking System

Taper

- .02
- .04
- .06
- .08
- .10

ISO Size

- 15/45
- 20/50
- 25/55
- 30/60
- 35
- 40

Length

- 19mm
- 21mm
- 25mm
- 31mm

RaCe NiTi Introductory Kits

Reduced risk of breakage, better shaped canals and fewer instruments needed

Many canals only require the first three instruments in the series. The last two are for narrow, curved or sclerosed canals. For wider canals, sizes .06 30, .06 35 and .06 40 are available separately. Suitable for most specialist endodontic handpieces including the Endo-Mate TC.

Matching Paper Points & Gutta Perch Points:

Paper Points .06 #25: List price £5.00 per pack of 100 Code 358-25

Gutta Percha Points .06 #25: List price £10.50 per pack of 60 Code 334-25

INTRODUCTORY KIT CM (with 12mm handles)

Containing 5 instruments per pack:
(.10 40, .08 35, .06 25, .04 25 and .02 25) **£34.40**

Length 21mm	Code 838-1
Length 25mm	Code 838-5
Length 31mm	Code 838-9

Original RaCe & BioRaCe

Buy 10 or more packs get 5% Discount
Buy 20 or more packs get 10% Discount
Buy 50 or more packs get 15% Discount

RaCe Apical Enlargement Kits

Minimizes hand instrumentation

Three RaCe .04 nickel titanium files for apical enlargement up to size 35, 40 or 50 as required.

APICAL ENLARGEMENT KIT CM (with 12mm handles)

Containing 3 instruments per pack:
(.04 35, .04 40 and .04 50) **£19.95**

Length 21mm	Code 639-1
Length 25mm	Code 639-5
Length 31mm	Code 639-9

Schottlander Canal Finders .02

To establish a guide path and measure the working length

High strength stainless steel of the right rigidity. Taper .02, ISO 10.



CANAL FINDERS .02

Containing 6 instruments per pack **£6.40**

Length 21mm	Code 833-1
Length 25mm	Code 833-5
Length 31mm	Code 833-9

BioRaCe - protocol as developed by Drs Gilberto Debellian & Martin Trope

The BioRaCe technique was developed by Drs Gilberto Debellian and Martin Trope to fulfil the biological requirement for successful endodontics. It increases endodontic success rates by achieving apical preparation sizes that are scientifically proven to enable effective and safe disinfection of the canal.

Advantages:

- > Apical preparation sizes follow the average for the canal concerned.
- > Protocols and standard kits for achieving apical widths up to size 60 when required.
- > Protocols and kits for instrumenting canals with severe apical curvature.
- > Instruments only cut along a pre-determined section of their cutting length.
- > "Screw-in effect" experienced with other instruments is avoided.

Application:

Instrumentation of a wide range of canal geometries using standard and proven protocols for simple and extra wide canals as well as those with severe apical curvature.

Matching Paper & GP Points:

Schottlander .04 #35, .04 #40, .04 #50 and .02 #60

BioRaCe Basic Set

Contains 6 instruments:
BR 0, BR 1, BR 2, BR 3, BR 4 and BR 5.



BASIC SET

Containing 6 instruments per pack **£41.95**

Length 21mm	Code 662-B
Length 25mm	Code 663-B
Length 31mm	Code 665-B

BioRaCe Extended Set

For more complex canals.
Contains 4 instruments: BR 4C, BR 5C, BR 6 & BR 7.



EXTENDED SET

Containing 4 instruments per pack **£28.20**

Length 21mm	Code 662-E
Length 25mm	Code 663-E



BIORACE ENDO STAND

Code 663-S **£59.95**

Original RaCe & BioRaCe

Buy 10 or more packs get 5% Discount
Buy 20 or more packs get 10% Discount
Buy 50 or more packs get 15% Discount

BioRaCe instruments in individual packs of 6

Instrument	Taper	ISO	19mm Code	21mm Code	25mm Code
BR0	.08	25	663-0	-	-
BR1	.05	15	-	662-1	663-1
BR2	.04	25	-	662-2	663-2
BR3	.06	25	-	662-3	663-3
BR4	.04	35	-	662-4	663-4
BR5	.04	40	-	662-5	663-5
BR4C	.02	35	-	662-4C	663-4C
BR5C	.02	40	-	662-5C	663-5C
BR6	.04	50	-	662-6	663-6
BR7	.02	60	-	662-7	663-7

BIORACE INSTRUMENTS

Containing 6 instruments of a type

BR0 & BR1 **£43.95**

BR2, BR3, BR4, BR5, BR6, BR7, BR4C & BR5C **£39.95**

See pages 12 & 13 for matching
Gutta Percha Points and Paper Points

RaCe NiTi instruments in individual packs of five

Taper	ISO	19mm Code
.10	40	834-06 ♦
.08	35	839-05 ♦

Taper	ISO	21mm Code	25mm Code	31mm Code
.06	20	835-12	835-52	-
.06	25	835-13 ♦	835-53 ♦	835-93 ♦
.06	30	835-14	835-54	-
.06	35	835-15	835-55	-
.06	40	835-16	835-56	-
.04	25	836-13 ♦	836-53 ♦	836-93 ♦
.04	30	836-14	836-54	-
.04	35	836-15	836-55	836-95
.04	40	836-16	836-56	836-96
.04	50	836-18	836-58	836-98
.02	15	837-11	-	-
.02	20	837-12	-	-
.02	25	837-13 ♦	837-53 ♦	837-93 ♦
.02	30	837-14	837-54	-
.02	35	837-15	837-55	-
.02	40	837-16	837-56	-

♦ Instruments in the RaCe Introductory Kits.

CM HANDLE 12MM INSTRUMENTS

Containing 5 instruments of a type

Tapers .10 and .08 **£38.95**

Tapers .06, .04 and .02 **£33.95**



Original RaCe & BioRaCe

Buy 10 or more packs get 5% Discount
Buy 20 or more packs get 10% Discount
Buy 50 or more packs get 15% Discount

Scout RaCe

Use in canals with severe curvatures where it is difficult to get a hand file larger than #6 or 8 to working length

Taper	ISO	21mm Code	25mm Code
.02	10	837-10	837-50
.02	15	-	837-51
.02	20	-	837-52

SCOUT RACE KIT

Containing 6 instruments: 2 of .02 10, 15 & 20

Code 849-5 **£39.50**

SCOUT RACE

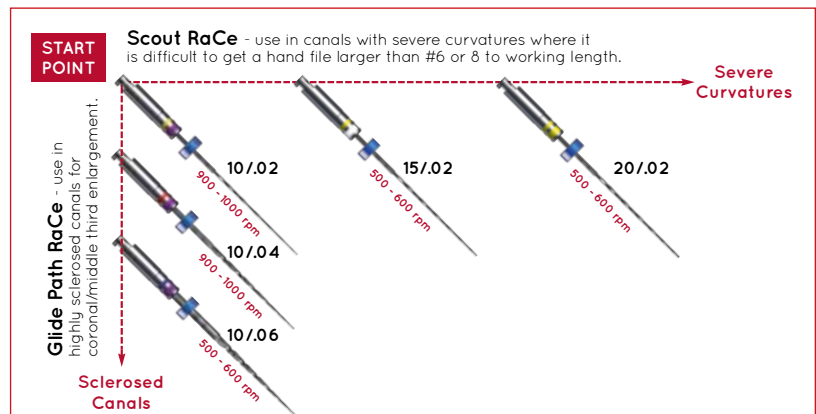
Containing 5 instruments of a type

Taper .02 **£33.75**

Glide Path RaCe

Use in highly sclerosed canals for coronal/middle third enlargement

Taper	ISO	21mm Code	25mm Code
.02	10	837-10	837-50
.04	10	-	836-50
.06	10	-	835-50



NiTi S-ApeX - with inverted taper

To enlarge the apical area even in severe or calcified canals

NITI S-APEX - Length 25mm

Sizes 15-40 assorted, containing 6 instruments

Code 848-57 **£34.50**

Schottlander Paper Points .06

Matched to the .06 RaCe instruments

ISO standardised, highly absorbent and with colour coded ends.

15	Code 358-15
20	Code 358-20
25	Code 358-25
30	Code 358-30
35	Code 358-35
40	Code 358-40
15-40	Code 358-17

For use with Original RaCe

SINGLE PACK

Containing 100 paper points **£5.00**

Schottlander Gutta Percha Points .06

Matched to the .06 RaCe instruments

ISO standardised and with colour coded ends. Made to the finest tolerances and of the highest quality gutta percha.

15	Code 334-15
20	Code 334-20
25	Code 334-25
30	Code 334-30
35	Code 334-35
40	Code 334-40
15-40	Code 334-17

For use with Original RaCe

SINGLE PACK

Containing 60 gutta percha points **£10.50**

Gutta Percha & Paper Points

Buy 5 or more packs get 5% Discount
Buy 20 or more packs get 10% Discount

You are welcome to mix & match sizes and types

Schottlander Paper Points .04

Millimetre marked

ISO standardised, highly absorbent and with colour coded ends.

30	Code 338-30	For use with XP-endo Shaper
35	Code 338-35	For use with RaCe 123 and BioRaCe BR4
40	Code 338-40	For use with RaCe 123 and BioRaCe BR5
50	Code 338-50	For use with RaCe 123 and BioRaCe BR6

SINGLE PACK

Containing 100 paper points **£5.00**

Schottlander Gutta Percha Points .04

Millimetre marked

ISO standardised and with colour coded ends. Made to the finest tolerances and of the highest quality gutta percha.

25	Code 193-25	
30	Code 193-30	For use with XP-endo Shaper
35	Code 193-35	For use with RaCe 123 and BioRaCe BR4
40	Code 193-40	For use with RaCe 123 and BioRaCe BR5
50	Code 193-50	For use with RaCe 123 and BioRaCe BR6

SINGLE PACK

Containing 60 gutta percha points **£10.50**

Schottlander Paper Points .02 Cell Packed

ISO standardised, highly absorbent and with colour coded ends. Supplied sterile and cell packed in 5's.

30	Code 333-30	
60	Code 333-60	For use with BioRaCe BR7

SINGLE PACK

Containing 200 paper points **£5.00**

Schottlander Paper Points .02

ISO standardised, highly absorbent and with colour coded ends. Supplied sterile and packed in spill resistant boxes.

15	Code 340-15
20	Code 340-20
25	Code 340-25
30	Code 340-30
35	Code 340-35
40	Code 340-40

SINGLE PACK (Sizes 15-40)

Containing 200 paper points **£5.00**

Schottlander Gutta Percha Points .02

ISO standardised and with colour coded ends. Made to the finest tolerances and of the highest quality gutta percha.

15	Code 344-15
20	Code 344-20
25	Code 344-25
30	Code 344-30
35	Code 344-35
40	Code 344-40
15-40	Code 344-17
60	Code 344-60

For use with BioRaCe BR7

SINGLE PACK

Containing 120 gutta percha points **£5.80**

Gutta Percha & Paper Points

Buy 5 or more packs get 5% Discount
Buy 20 or more packs get 10% Discount

You are welcome to mix & match sizes and types

Schottlander Endic Hand Instruments

Made to the finest Swiss precision quality. The handles are ISO colour coded and contoured to fit the fingers. All instruments are supplied with safety tips, rubber stops and are colour coded for length.

Endic Rotary Paste Fillers Spring Ended

Spring ends and Swiss precision quality

Colour coded metal handle, incorporating spring end to reduce risk of fracture if the paste filler catches in the canal.

ISO	21mm Code	25mm Code
25	320-11	320-51
30	320-12	320-52
35	320-13	320-53
40	320-14	320-54
25-40	320-17	-

SINGLE PACK

Containing 4 instruments **£7.15**



Endic Barbed Broaches with Spiral Handles

Swiss precision manufacturing

Schottlander Endic Barbed Broaches have colour coded plastic handles which offer a secure grip for bulk removal of pulpal tissue.

25	Code 332-25
30	Code 332-30
35	Code 332-35
40	Code 332-40
50	Code 332-50
60	Code 332-60
25-60	Code 332-17

SINGLE PACK

Containing 12 instruments **£4.30**



Hand Flexible K Files

Safety tips and Swiss precision manufacturing

Schottlander Flexible K Files offer superior cutting efficiency and precision handling.

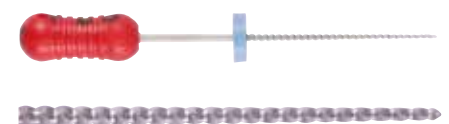
Available in 21mm, 25mm and 31mm lengths.

Schottlander Flexible K Files start at ISO size 6 and go up to size 80.

ISO	21mm Code	25mm Code	31mm Code
6	317-10	317-50	317-80
8	317-11	317-51	317-81
10	317-12	317-52	317-82
15	318-11	318-51	318-81
20	318-12	318-52	318-82
25	318-13	318-53	318-83
30	318-14	318-54	318-84
35	318-15	318-55	318-85
40	318-16	318-56	318-86
15-40	318-17	318-57	318-87
45	-	319-51	319-81
50	-	319-52	319-82
55	-	319-53	319-83
60	-	319-54	319-84
70	-	319-55	319-85
80	-	319-56	319-86
45-80	-	319-57	319-87

SINGLE PACK

Containing 6 instruments **£6.40**



Hand Hedstrom Files

Safety tips and Swiss precision manufacturing

Schottlander Hedstrom Files offer efficient cutting ability on insertion and withdrawal. Available in 21mm, 25mm & 31mm lengths.

Schottlander Hedstrom Files start at ISO size 8 and go up to size 80.

ISO	21mm Code	25mm Code	31mm Code
8	304-11	304-51	304-81
10	304-12	304-52	304-82
15	305-11	305-51	305-81
20	305-12	305-52	305-82
25	305-13	305-53	305-83
30	305-14	305-54	305-84
35	305-15	305-55	305-85
40	305-16	305-56	305-86
15-40	305-17	305-57	305-87

SINGLE PACK

Containing 6 instruments

£5.95



Schottlander Endic Engine Instruments

Engine Hedstrom Files (Type G)

The classic Hedstrom design is combined with the efficiency of engine driven instrumentation

- For use in oscillating type hand pieces
- Metal handle for maintenance of shape following sterilisation.
- Made to the finest Swiss precision quality
- Handles are ISO colour coded
- All instruments are supplied with rubber stops colour coded for length.

ISO	25mm Code
8	311-51
10	311-52
15	312-51
20	312-52
25	312-53
30	312-54
35	312-55
40	312-56
15-40	312-57

SINGLE PACK

Containing 6 instruments

£8.15



Gates Glidden Reamers

Made to the finest Swiss precision quality

Schottlander Endic Gates Glidden Reamers are used to enlarge the upper portion of the canal for bulk removal of tooth structure. Stainless Steel.

50	Code 331-1
70	Code 331-2
90	Code 331-3
110	Code 331-4
130	Code 331-5
150	Code 331-6
Assorted	Code 331-A

SINGLE PACK

Containing 6 instruments

£11.80



Finger Pluggers

For plugging gutta percha points length 25mm.

15	Code 883-15
20	Code 883-20
25	Code 883-25
30	Code 883-30
35	Code 883-35
40	Code 883-40
Assorted	Code 883-ASS

SINGLE PACK

Containing 6 instruments

£7.95



Finger Spreaders

For lateral condensation of gutta percha points length 25mm.

15	Code 884-15
20	Code 884-20
25	Code 884-25
30	Code 884-30
35	Code 884-35
40	Code 884-40
Assorted	Code 884-ASS

SINGLE PACK

Containing 6 instruments

£7.95



Endo-Mate TC2

The latest advance over the original Endo-Mate TC

Speed range 200-900rpm. A large LCD, simple five key operation and a lightweight cordless handpiece assures easy use even during the most delicate endodontics procedure. The auto Reverse and Alarm functions alert you with an audible sound to let you know when the load is about to reach the pre-set torque level allowing you to unload the file even before the auto-reverse cuts in. The user can define five programmes with speed, torque, gear ratio (10:1 head supplied) and auto-reverse mode.



Safety for delicate endodontic treatment

- Smart Auto Reverse and Alarm Function for safer endodontic procedures.
- The feedback circuit keeps stable rotation even when the load on the motor handpiece changes.
- Power turns off automatically to improve safety and save energy.
- Calibration function for more precise rotation speed and torque setting.

ENDO-MATE TC2

Containing base unit, hand piece and push fit head

Code 222-TC2 **£1199.00**

TC2 ACCESSORIES

Mini Push Fit Head (10:1)

Code 222-5 **£260.00**

Lubricating Nozzle

Code 222-4 **£12.50**

Endo-Mate Pana Spray (500ml)

Code 222-10 **£28.95**

Additional heads can be purchased by calling Customer Services on Freephone 0800 97 000 79

iPexII Apex Locator

Using the results of numerous clinical trials and verification tests as a base, NSK created SmartLogic, a next-generation Apex Locator compatible with diverse tooth forms that provides superior accuracy in detecting the root apex. At the biologically crucial root apex, *the Zone of Precision*, the iPex is able to provide a clear, accurate image of the file tip's location on its LCD panel.



NSK's SmartLogic controller combines two advanced technologies to accurately analyse signals. iPex SmartLogic technology removes virtually all signal interference from the root canal itself to precisely detect the location of the apex.

- High-precision root canal measurement generated by using SmartLogic.
- Auto-detects the apex accurately in any conditions, dry or wet.
- A stylish and compact body requiring only a small space.
- Three different alert sounds depending on the location of the file tip, ensuring precise procedures.
- A 3-colour LCD panel with very low reflectivity, allowing clinicians to accurately & instantly monitor procedure progress.
- Energy saving and low operation cost.

IPEX II KIT

Containing: iPexII control unit, 1 probe (1.8m), 3 file clips, 3 lip hooks, 3 dry cell batteries and 1 iPexII tester.

Code 646-iPex2 **£795.00**



Endoring II

Organise your instruments during treatment

The Endoring II enables the clinician to directly place, store, measure and clean endodontic hand and rotary instruments within the operating field. It reduces the risk of cross-contamination and minimises the passing of sharp instruments between dentist and staff.



ENDORING II INTRODUCTORY KIT

Containing 1 Endoring II, 48 Foam refills and 12 Gelwells

Code 146-K **£46.50**

ENDORING ACCESSORIES

Foam Refills (48 refills)

Code 146-1 **£24.95**

Gelwell Refills (48 refills)

Code 146-2 **£16.95**

Metal Ruler (Autoclavable, detachable and with precise laser-etched 0.5mm markings)

Code 146-3 **£24.95**

Marking Tabs (24 tabs: 8 each red, blue & green)

Code 146-4 **£12.50**

EndoSuccess Tip Kit

Enables safe removal of instruments that may remain in the root canal or rapid extraction of filling materials or a fragment of broken post

Applications of Tips

ET18D Tip. For use in the pulp chamber to eliminate overhangs, intra-chamber calcifications (pulpoliths), temporary fillings and some fillings materials. The tip can be used with irrigation.

ET20 Tip.

For use in interventions in the coronal third, to remove root canal fillings, broken instruments or dental debris. The tip is for use with or without irrigation.

ET25 Tip.

This mini-tip in Titanium-Niobium has been designed for the most delicate interventions in the middle and apical thirds of the canal. It is ideal for eliminating broken instruments and silver points from the most inaccessible areas. It has a spray orifice for irrigation.

ET BD Tip.

For use in locating canals (calcified canals) and exploring the floor of the pulp chamber. The diamond ball gives rapid and precise action in situations where a round bur cannot be used or is too invasive.

ET PR Tip.

For loosening root canal retention pins. It is used to extract prosthetics with the integrated irrigation, set at maximum power and in contact with the element that is being loosened.

ET25S Tip.

Titanium-Niobium (Ti-Nb) tip used for retreatment in the coronal third and the isthmus.



ENDOSUCCESS TIP KIT

Contains 1 each of tips ET18D, ET20, ET25, ET25S, ET BD and ET PR

Code 806-2

£433.95

ENDOSUCCESS TIPS (EACH)

ET18D	Code 806-3	£72.80
ET20	Code 806-4	£95.30
ET25	Code 806-5	£72.80
ET BD	Code 806-6	£72.80
ET PR	Code 806-7	£72.80
ET25S	Code 806-17	£72.80

ACCESSORIES

Satelec Hand Piece
Code 806-1

£440.15

Scaler Tips

S1 Universal Tip.

Recommended for treating simple cases and gross supra-gingival scaling.

S2 Voluminous Calculus Tip:

Recommended for removing voluminous supra-gingival deposits. Apply flat end to surface of teeth.



SCALER TIPS

S1	Code 806-13	£71.75
S2	Code 806-14	£71.75

Obturation Tips

SO4 Fine Condensation Tip:

For condensing Gutta Percha in standard canals such as following preparation with RaCe. The Gutta Percha is softened by means of ultrasonic energy.



OBTURATION TIPS

SO4	Code 806-15	£79.25
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IrriSafe

L21mm/ISO 20: Application: Incisors, canines, premolars.

L25mm/ISO 20: Application: Molars, long roots or where pre-curving required.

L21mm/ISO 25: Application: Incisors, canines, premolars.

L25mm/ISO 25: Application: Molars, long roots or where pre-curving required.



IRRISAFE TIPS (Pack of 4)

L21mm/ISO 20	Code 806-28	£67.45
L25mm/ISO 20	Code 806-29	£67.45
L21mm/ISO 25	Code 806-30	£67.45
L25mm/ISO 25	Code 806-31	£67.45

Schottlander Dental Dam

Clamps

- Pattern 1** Application: General purpose Upper Pre-molars
- Pattern 2A** Application: Pre-molars and Upper Incisors.
- Pattern 7** Application: Molars.
- Pattern 9** Application: Anteriors.
- Pattern 12A Serrated jaws.** Application: Lower right and upper left molars.
- Pattern 13A Serrated jaws.** Application: Lower left and upper right molars.



Pattern 1



Pattern 2A



Pattern 7



Pattern 9



Pattern 12A



Pattern 13A



Schottlander Dental Dam Forceps

Light weight but heavy duty with a matt finish for safe and easy positioning of clamps.



Schottlander Dental Dam Punch

Ainsworth style punch with 5 holes to give clean, well formed holes in both latex & non-latex and all thicknesses of dam.



CLAMPS (EACH)		£6.45
Pattern 1	Code 947-1	
Pattern 2A	Code 947-2A	
Pattern 7	Code 947-7	
Pattern 9	Code 947-9	
Pattern 12A	Code 947-12A	
Pattern 13A	Code 947-13A	

ACCESSORIES

Dental Dam Template For accurately marking tooth positions Code 946-17	£4.80
Dental Dam Metal Frame U-Shaped frame 6" Code 946-18	£13.55
Dental Dam Plastic Frame U-Shaped frame 6" Code 946-21	£13.55

SINGLE

Code 946-19	£48.80
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SINGLE

Code 946-20	£68.00
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Schottlander Irrigation Systems for Cleansing Root Canals

Dual Rinse HEDP (Hydroxyethylidene Diphosphonic Acid)

Combines with the sodium hypochlorite solution of your choice to form the first ever *all-in-one irrigant*

- > Dissolves necrotic tissue
- > Removes biofilm
- > Reduced debris
- > Decreases torsional load on rotaries
- > Conditions dentine for root filling



DUAL RINSE HEDP

Pack of 10 Code 038-10	£29.90
Pack of 100 Code 038-100	£245.00
Measuring Set Code 038-A	£2.95

Schottlander Sodium Hypochlorite Solution

A 3% solution for the irrigation, debridement and cleansing of root canals during and after instrumentation. Strength 3.



SINGLE BOTTLE 480ml

Code 229-8	£13.95
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Schottlander 17% EDTA Solution

Aqueous irrigant for use in the irrigation of root canals during endodontic procedures and the removal of the smear layer.



SINGLE BOTTLE 480ml

Code 229-9	£44.50
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Schottlander Pre-Tipped 3cc Syringes complete with Irrigating Tip

For the irrigation of root canals, periodontal pockets and fistulas. Pre-tipped provide increased efficiency. Safe-Tight locking hub design gives improved security between tip & syringe. Bendable 25cm tip. 27 gauge.



PRE-TIPPED 3CC SYRINGES WITH IRRIGATING TIPS

Box of 100

Side Vented & slotted tips for irrigation (27 Gauge) Code 229-3	£27.95
Closed End tips for side-port delivery of irrigant (27 Gauge) Code 229-4	£49.95

Schottlander Un-Tipped 3cc, 6cc & 12cc Syringes

For the irrigation of root canals, periodontal pockets and fistulas.

Red syringes increase safety and reduce incidence of syringe swap.



UN-TIPPED SYRINGES

Box of 100

3CC	Code 229-11	£11.50
6CC	Code 229-12	£16.95
12CC	Code 229-13	£16.95

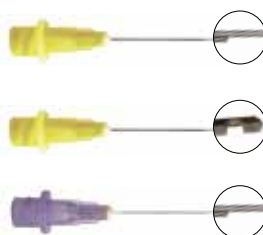
RED UN-TIPPED SYRINGES

Pack of 80

3CC	Code 229-20	£9.95
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Schottlander Safe-Tight Irrigating Tips

For the irrigation of root canals, periodontal pockets and fistulas. Safe-Tight locking hub design gives improved security between tip and syringe. Bendable 25cm tip. 27 and 30 gauge.



SAFE TIGHT IRRIGATING TIPS

Pack of 80

Side Vented & slotted tips for irrigation (27 Gauge) Code 229-1	£27.95
Closed End tips for side-port delivery of irrigant (27 Gauge) Code 229-2	£49.95
Side Vented & slotted tips for irrigation (30 Gauge) Code 229-14	£27.95

Schottlander Bendy-Tip Utility Tips

Used in very curved canals because the tip is flexible and bends round corners. This enables you to get closer to the apex in such canals.



BENDY-TIP UTILITY TIPS Pack of 50

30 Gauge Black Code 229-6 £39.95

Schottlander Flow Tips

Designed to deliver calcium hydroxide and flowable composite. These tips make the precise placement much easier. For example, flowable composite is often placed into fissures. Because the material is viscous increased security of the tip to the syringe has been ensured using the safe-tight locking hub design that prevents the tip accidentally coming loose.



FLOW TIPS Pack of 50

Code 229-7 £39.95

Schottlander Endo Lock Tweezers (N)



SINGLE

Code 769 £25.00

Schottlander DG16 Probe

DE S DG16



SINGLE

Code 161 £7.50

Schottlander Plugger

80 Blue / 100 Green



SINGLE

Code 014 £16.50

Steiglitz Splinter Forceps



SINGLE

Code 918 £48.50

Hemostat Forceps



SINGLE

Code 927 £29.50

Endo Rubber Stops



SINGLE Bag of 100

Code 349 £6.15

Endo Training Blocks



ENDO TRAINING BLOCKS - SINGLE CURVED

Single Curved Pack of 8 Code 084-S £16.95

Single Curved Pack of 50 Code 082-S £99.50



ENDO TRAINING BLOCKS - DOUBLE CURVED

Double Curved Pack of 8 Code 084-D £21.50

Double Curved Pack of 50 Code 082-D £136.00

The 3D Revolution in Endodontics

A hands-on course teaching practical ways of using recent endodontic advances to help you to improve patient outcomes

with
3 hours
enhanced
cpd
for dentist &
dental nurse



Presented by



Prof James Prichard



Dr Justin Dinley



Dr Dani Mancuso



Dr James Aquilina



Dr Anish Khatri



Dr Fadi Jarad



Dr Mark Hunter

These busy and fast moving courses will teach delegates how to use recent advances in endodontic treatment to improve their patients' clinical outcomes. They will be limited to 12 dentists each to ensure close supervision & opportunities to address dentists questions and concerns.

The presenters will take the delegates through the principles and objectives of successful endodontic treatment, including the biological principles of canal preparation and its link to current thinking on irrigation and disinfection.

You will see the limitations of previous thinking in endodontics, which assumed that canals were round and that their preparations should also be. You will learn how recent advances in NiTi metallurgy for the first time allow dentists to shape, finish and clean canals according to their true 3 Dimensional morphology.

You will see how you can not only clean far more of the canal system without sacrificing root dentine, but also obturate with groundbreaking new Bioceramics. All of the course presenters are strong believers in four handed dentistry, and see their nurses active involvement as critical to the success of their endodontic treatments. We would therefore encourage delegates to attend the course with their nurses, with a fee of £30 for the first accompanying nurse.



Aims, Objectives & Anticipated Outcomes

- > Understanding the biological principles and objectives of successful endodontic treatment.
- > Understanding why 3 Dimensional cleaning and filling of the canal can improve your clinical success rate.
- > Learning about the new technologies behind the XP-endo range. Understanding how a single XP-endo Shaper file can instrument more of the canal more efficiently, generate less debris in the apical third and yet be less aggressive than traditional NiTi files.
- > Learning about the clinical uses and outcomes with XP-endo Shapers and Finishers.
- > Intensive hands-on training to help delegates successfully apply new technologies in practice.
- > Understand how the new TotalFill Bioceramic materials change the philosophies of obturation and dealing with root repairs.

The Programme

Thursday late afternoon:	Friday morning:	
15 30	09 00	<i>Registration & light refreshments.</i>
15 45	09 15	Introduction to the course.
15 50	09 20	Lecture 1: Principles and objectives of successful endodontic treatment. Biological principles of canal preparation and how this links to current thinking on irrigation and disinfection.
16 15	09 45	Lecture 2: New advances in endodontic instrumentation. Using developments in metallurgy and file design to improve endodontics. Practical tips on Glide Path management and demonstration of the new XP-endo Shaper, followed by demonstration.
16 45	10 15	<i>Refreshments</i>
17 00	10 30	Hands-On 1: Participants prepare a glide path and instrument an endo block using XP-endo Shaper.
17 20	10 50	Lecture 3: Three-Dimensional finishing and obturation using XP-endo Finisher and Bioceramics followed by demonstration.
17 40 glide path	11 10	Hands-On 2: Using FKG 3D Printed Teeth participants prepare a instrument with XP-endo Shaper, finish with XP-endo Finisher and obturate using bioceramics.
18 15	11 45	Final discussion.
18 30	12 00	<i>Course Ends.</i>



Places are limited so reserve your place(s) today. Freefax 0800 97 000 78
or contact the Schottlander Education & Events Co-ordinator direct on
01462 704 633, e-mail: courses@schottlander.co.uk or Freephone 0800 97 000 79

Prof James Prichard LONDON Thursday 7th November 2019 **LATE PM SESSION**
Prof James Prichard LONDON Friday 8th November 2019 **MORNING SESSION**

DENTIST COURSE FEE: £125.00 + VAT per person (£150.00 inc. VAT per person).
NURSE COURSE FEE (1st accompanying nurse): £25.00 + VAT per person (£30.00 inc. VAT per person).



Schottlander Support & Training Courses

Dentistry is becoming more technically demanding as materials and techniques become more sophisticated, enabling improvements in patient care. At Schottlander we believe in continuing education and training as well as in providing technical support to our customers. Schottlander run courses at our purpose built Training Centre in Hertfordshire, and throughout the UK, as well as worldwide through our distributor network.

All Schottlander courses are listed on www.schottlander.com or alternatively please contact the Schottlander Education & Events Coordinator on email: courses@schottlander.co.uk or Freephone 0800 97 000 79.



schottlander
improving dentistry together

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