



THE COMPLETE KIT FOR :

MINIMALLY INVASIVE DENTISTRY

PROF. PETER KOTSCHY

Key Opinion Leader

How the best perform





THE TOTAL MINIMALLY INVASIVE DENTISTRY SOLUTION

Professor Kotschy has 42 publications relating to the fields of prophylaxis, periodontology, restorative dentistry, minimally invasive dentistry, prosthetics, ergonomics, microdentistry and kinetic cavity preparation (air-abrasion technique). He lectures on these topics at national and international conferences, congresses and post-graduate training institutions. Professor Kotschy has participated in a number of public relations activities such as television, radio and newspaper interviews. His main goal is to increase prevention awareness globally.

- 1966 Obtained Doctorate in Medicine from the University of Vienna
- 1968 Obtained Doctorate of Dental Surgery from the Vienna University Dental School
- 1976 Established the Postgraduate Dental Training Institute of the Vienna Medical Association (German acronym: ZAFI). Was a joint director until 1982
- 1978 Founded of the Vienna Kindergarten Project in dental healthcare
Organized the first Prophylaxis (Preventive) Symposium in Oberurgul, Austria
- 1980 Organized the All-Austrian Prophylaxis Programme with Prof. Siegfried Kulmer
- 1981 Legal counselling contract, Siemens in Bensheim
- 1983 Pilot study prophylaxis assistant in Austria
- 1988 Began lecturing on "Applied Prophylaxis and Periodontology" and "Ergonomics at the Dental Workstation" at the University Hospital for Oral Medicine in Vienna
- 1991 Director for the Association for Paeriodontology of the Austrian Society for Oral Medicine
- 2001 Founding President of the Austrian Society for Paeriodontology

MEMBERSHIPS:

Association of Dental Interests (ZIV)
Board Member, 1967

Austrian Society for Oral Medicine
Board Member, 1968 - 2005
Vice President, 1992 - 2001
Honorary Member for Life, 2002

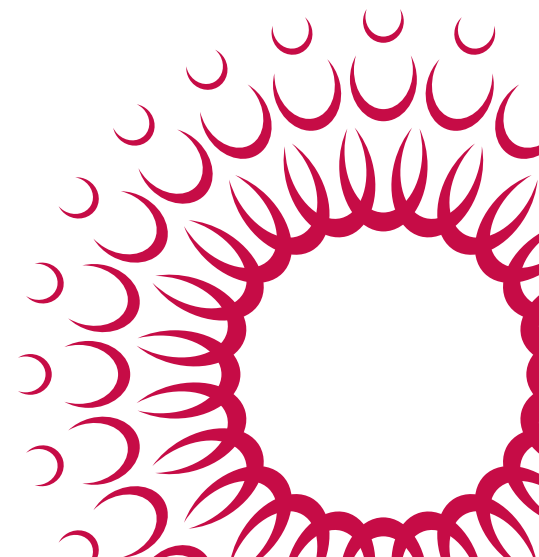
Austrian Society of Periodontology
Founding President 2001
Honorary President for Life, 2002

International College of Dentists (ICD)
Europe Fellow, 1982
Advisor for Austria, 1986
Vice-President, 1994
President of the European Section, 1996 - 1997
European Advisor to the International Council, 2004 - 2010
Master of the ICD, 2008

AREAS OF CONCENTRATION:

Minimally Invasive Dentistry, Prophylaxis, Periodontology and Ergonomics

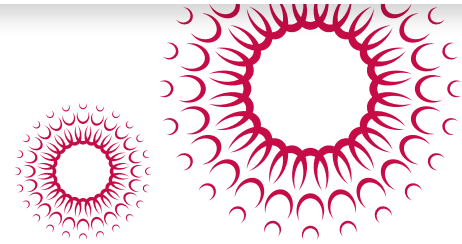
The objective of minimally invasive dentistry is to conserve as much natural, healthy tooth structure as possible by focusing on prevention and remineralization. Clinicians remove the least amount of tooth structure possible to completely restore the tooth. To accomplish this, instruments which have exceptionally fine working ends, increasing visibility and maneuverability in small areas, are necessary.



OVERVIEW

These instruments have exceptionally fine working ends which aid the clinician when working under a magnifying glass or microscope.

Designed for both minimally invasive and microscopic dental procedures, these instruments can be used up to magnification of 25x.



All Instruments used to apply
force have a thick handle
EXAMPLE: EXCKOT 1, 2, 3



By utilizing a variety of handle diameters, this instrument line aids in precision work by ensuring:

- hand fatigue is reduced when additional force is necessary
- clinician comfort and control is heightened

The unique black Aluminum Titanium Nitride (XTS) coating applied to the working ends of these instruments offers the following benefits:

- Avoids light reflection
- Extremely hard, smooth tips which resist scratches and sticking
- Enhances contrast between instrument, tooth and material

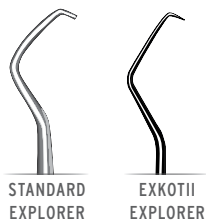


Instruments for precision
work have slim handle shapes
EXAMPLE: EXKOT 1, 2, 11

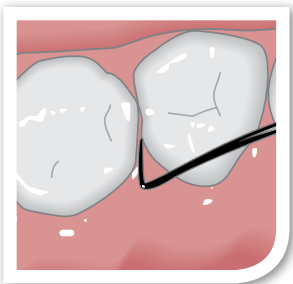
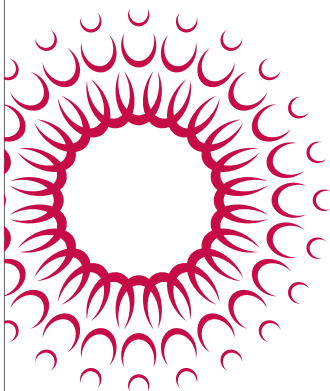


EXPLORERS

The petite working ends of these explorers provide clinicians with enhanced visibility and maneuverability for more accurate detections and diagnoses. The unique angles of the shanks allow for better access in difficult to reach and small areas.



The thin working ends are very beneficial when working under magnification



EXKOT23
0.2 mm



SPATULAS

These ultra-thin spatulas are a necessity when practicing minimally invasive dentistry. The tapered, slender blade of these spatulas allows for universal application of the instruments.

PFIKOT3
MICROSPATULA 40-50 μ



PFIKOT4
MICROSPATULA 40-50 μ



124-001
HANDLE SINGLE-ENDED

This slim, cone-shaped handle provides the clinician with increased tactile sensitivity. It was designed to be paired with tips that use the European thread style.



PFIKOT2 | HEIDEMANN SPATULA

This spatula can be used for numerous applications such as:

- Retracting gingival tissue for subgingival preparation or periodontal surgery
- Inserting retraction cord before taking an impression
- Separating teeth when inserting matrices, rubber dam, etc.



CVKOT1 | SPATULA 150 μ

This spatula allows for access into tight interproximal spaces for a wide variety of applications.



CVKOT2 | SPATULA 150 μ

The unique curvature of this instrument makes it ideal for shaping anterior lingual surfaces.



CVIPCKOT4 | SPATULA 350 μ

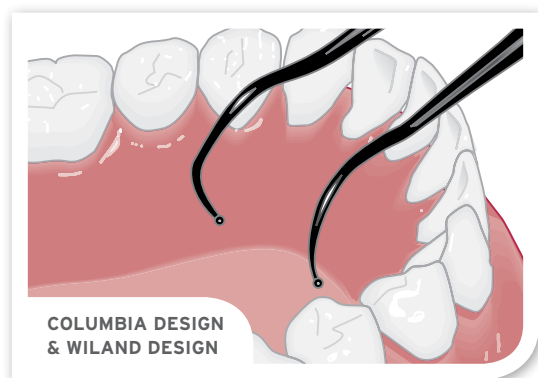
This spatula can be used for:

- Applying composite materials
- Retracting the gingiva in preparation for a prosthetic
- Inserting retraction cord



BURNISHERS & PLUGGERS

These burnishers utilize the designs of the Columbia 13/14 curette and Wiland 8 carver providing clinicians with enhanced visibility and increased accessibility.



WILAND DESIGN

The Wiland design allows clinicians to gain access to interdental spaces and cavities. The design also makes it easier to work subgingivally.

BBKOT11
0.4 mm



BBKOT13
0.8 mm



BBKOT14
1.0 mm



BBKOT12
0.6 mm



COLUMBIA DESIGN

The Columbia design is ideal when trying to work on irregularly shaped tooth surfaces or bone regions.



BBKOT6
0.8 mm



BBKOT5
0.6 mm



1 x 90° BEND

The unique 90° bend these burnishers have allows them to be used for distinct applications. This design is useful for capping, shaping and carving composite materials in areas that are difficult to access (e.g., the distal region of the tooth in the upper and lower arches).

BBKOT1
0.5 - 0.8 mm



BBKOT2
1.0 - 1.3 mm



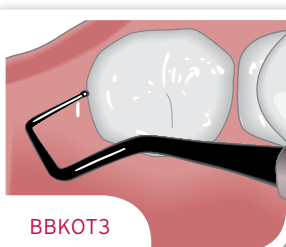
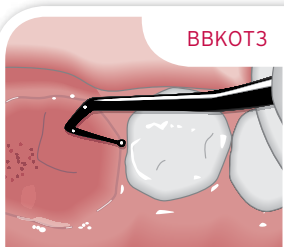
2 x 90° BEND

This angulation is particularly helpful when working on the last molar or when working distally on premolars.

BBKOT3
0.5 - 0.8 mm



BBKOT4
1.0 - 1.3 mm



1 x 90° BEND & STRAIGHT

The 90° angle incorporated in this burnisher allows for exceptional maneuverability and fine, detailed contouring.

BBKOT26/27
0.5 - 0.8 mm



PLUGGERS

The XTS coating on these pluggers provides superb contrast when working with composite material. The black coating minimizes reflections which is extremely important when using a microscope.

PLGKOT1
• •
0.6 - 0.8 mm



PLGKOT2
• •
1.0 - 1.3 mm



EXCAVATORS



Under magnification of 6.5x or higher, standard excavators become too large and therefore cannot be used in microdentistry. These excavators have been designed with especially fine tips so they are suitable for use with microscopes and magnifying glasses. The Wiland shape and Columbia shape were replicated in these excavators' designs. The working ends were paired with a larger diameter handle for better grip and increased comfort.

WILAND DESIGN

The Wiland shape of these instruments allows the clinician to easily access interdental spaces, cavities and overlapping structures.



EXCKOT1
0.8 mm



EXCKOT2
1.0 mm

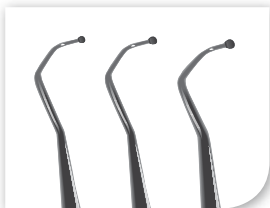


EXCKOT3
1.3 mm



COLUMBIA DESIGN

These Columbia-shaped excavators are useful when working on root surfaces of an irregularly shaped tooth or bone region



EXCKOT4
0.8 mm



EXCKOT5
1.0 mm



EXCKOT6
1.3 mm



STRAIGHT EXCAVATOR

These excavators are used frequently in minimally invasive dentistry, especially when a long shank is needed – such as when removing caries in deep pockets or removing granulation tissue.

EXCKOT61/62
1.0 mm



EXCKOT63/64
1.3 mm



CURETTES/SCALERS COLUMBIA DESIGN

Working end angulation is designed to aid clinicians in caries removal when under magnification.

SC13/14SKO
Scaler



SC13/14KOT
Curette

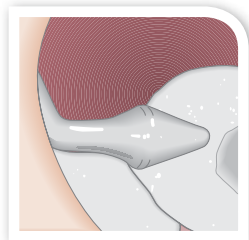


PLASTIC FILLING INSTRUMENTS & CARVERS

CARVING & CONTOURING INSTRUMENTS

PFIKOT1 | CONTOURING

With 2 distinctly different working ends, this instrument can be used when both carving and sculpting are necessary.



PFIKOT18 | CARVING

This instrument is excellent for carving and contouring premolars and molars.



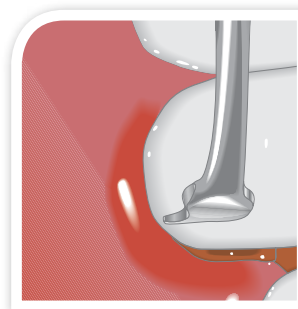
CVWKOT8 | CARVING

The extremely slender tips of this carver make it an excellent instrument for cleaning excess materials away from interdental spaces.

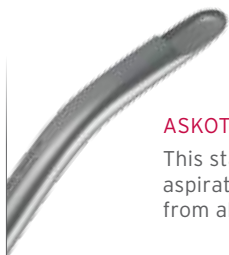
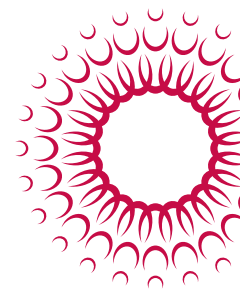


CVKOT3 | CUTTING

This instrument's working ends were designed to have 2 thin cutting edges which makes it ideal for carving away excess materials (composite, filler, cement and bonding agents).

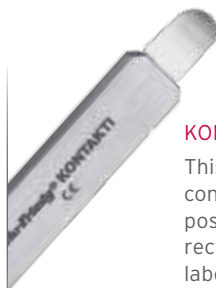


ASPIRATOR & CONTACT POINT TESTER



ASKOT | ASPIRATOR

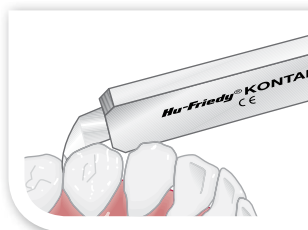
This stainless steel, spoon-like universal aspirator removes fluid and solid particles from all patients with ease.



KONTAKTI | CONTACT POINT TESTER

This instrument is suitable for testing contact point strength and optimal positioning in all direct and indirect reconstructions in the office and laboratory.

At the pull through of the steel band by the Contact Point, the gripping effect shows the strength of the Contact Point. Additionally, the black marks left by the steel band on the surface show the geographical position of the Contact Point on teeth and reconstructions.



ADDITIONAL RECOMMENDATIONS



S14 | SCISSORS LA GRANGE DOUBLE-CURVED, 1 BLADE SERRATED 11.5CM/4 1/2"

These curved scissors have a single serrated blade which is useful when working with prefabricated matrices.



678-204 | HOW PLIERS

These pliers are excellent for wedge and matrix insertion and removal.

CASSETTE OPTIONS

IMDIN208

IMS DIN cassette
(20 instruments)

IM2408

IMS Large cassette
(20 instruments)

HU-FRIEDY
PROGRAMS



Hu-Friedy's **KEY OPINION LEADER PROGRAM**

Dr. Peter Kotschy is one of Hu-Friedy's Key Opinion Leaders.

Key Opinion Leaders names are very recognizable and their work is renowned. They are leaders in the dental community. Hu-Friedy is honored to be in close association with Key Opinion Leaders, and it is a pleasure to present them to you as individuals full of life, character and vision.

For more information on the program or to view other inspirational leaders profile's, visit us online at:

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Hu-Friedy's Total Solutions visit

HU-FRIEDY.COM

PERIODONTAL



RESTORATIVE



ORTHODONTIC



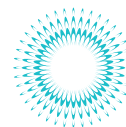
INSTRUMENT
MANAGEMENT



ENDODONTIC



SURGICAL



ULTRASONIC
SCALING



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