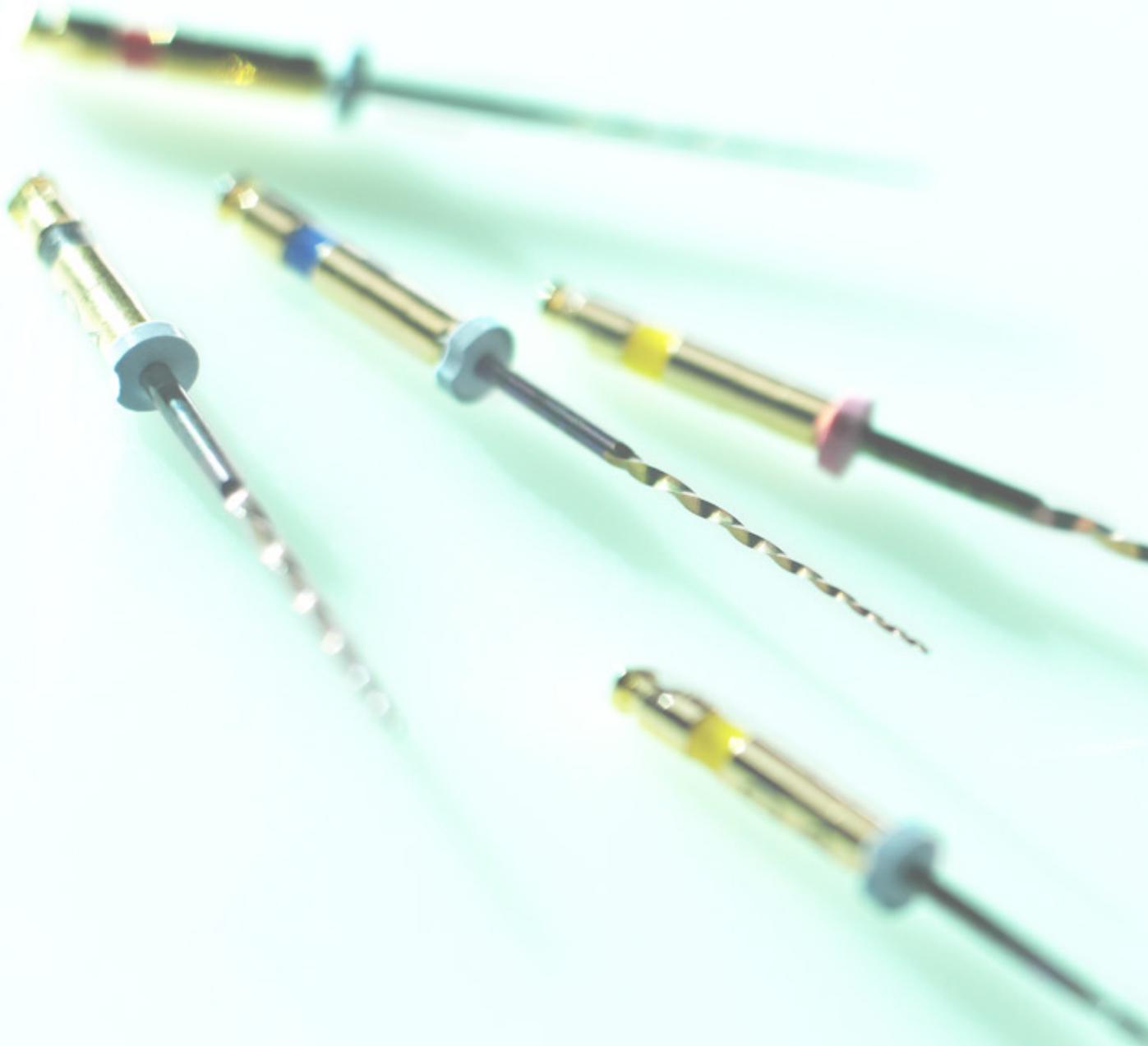


ENDODONTICS

DENITAI  
**CATALOG**



## GLOBAL COMPETENCE FOR MORE THAN 50 YEARS

HYGENIC, PARAPOST and ROEKO are internationally renowned endodontic brands by COLTENE. Over the last years the portfolio of endo products from root canal shaping to obturation has been successfully enlarged and optimized, thus offering perfectly attuned equipment for both, endodontists and general practitioners.

By introducing the highly innovative HyFlex CM Niti-Files in 2010, COLTENE has set new benchmarks for breakage resistance and flexibility. The innovative material ensures perfect root canal adaptation with bending properties similar to stainless steel files. The controlled memory effect allows files to regain their original shape simply by autoclaving after the treatment. The new technology attracted intense scientific interest resulting in numerous publications on the excellent properties of HyFlex CM. The CanalPro family is complete with a cordless endodontic motor, the fully automated Apex Locator and a wide range of rinsing solutions. For safe handling, these solutions, as well as accessories such as irrigation syringes and filling station are clearly color coded.

Paper points by HYGENIC and ROEKO are produced fully automatically and are reliably absorbent, true to size and of highest quality. Efficient and safe obturation can be achieved either with GuttaFlow2, a unique cold filling system, which combines gutta percha and sealer in one product, or with Guttapercha points by HYGENIC and ROEKO.

The ParaPost X system, a market leader in many markets for decades, offers the perfect post for every clinical situation. One range of drills serves all techniques and indications, from metal-free restorations with ParaPost Fiber Posts or classical metal posts for direct and labtechnique. And last but not least the multifunctional ParaCore serves for post cementing, core build-up and crown and bridge cementation, and thus perfectly rounds off the endodontic product range.

## COMPANY

Coltene is a global leader in the development, manufacture and sale of consumables and small-size equipment for dental treatment applications.

The Dental Group offers a wide range of products, encompassing six segments – solutions for almost all dental treatments. The complete endodontology programme includes root canal preparation with files and rinsing solutions, obturation and post systems. The next extensive range is centred entirely on restorative filling therapy. This particularly includes temporary and permanent filling materials, as well as adhesive systems and polymerisation lamps. Prosthetics represents a further main area. It includes a wide spectrum of condensation and addition cross-linking impression materials. The segments of treatment aids, infection control and rotating instruments round off the programme.

COLTENE has time and time again developed pioneering innovations for over 50 years, and ROEKO for over a 100 years who offer the user first grade dental solutions.

Today the COLTENE Group operates production facilities in Switzerland, Germany, Hungary, Brazil and the USA. It maintains a worldwide sales network with its own subsidiaries and distribution partners in over 120 countries. COLTENE therefore serves dentists, dental technicians, opinion leaders and universities with tailored quality products and services – worldwide.

[www.coltene.com](http://www.coltene.com)

## HISTORY

1910

1920

1930

1940

1950

1960



### ENDODONTICS

|      |                        |
|------|------------------------|
| 1962 | ParaPost               |
| 1990 | ParaPost X-System      |
| 1997 | ROEKO GP/PP Top color  |
| 1999 | RoekoSeal Automix 2000 |
| 2000 | ParaPost Fiber White   |
| 2004 | GuttaFlow              |
| 2011 | HyFlex CM              |



### RESTORATION

|      |                         |
|------|-------------------------|
| 1978 | Oralloy                 |
| 1983 | BRILLIANT               |
| 1988 | BRILLIANT Esthetic Line |
| 1991 | A.R.T. Bond             |
| 1998 | SYNERGY                 |
| 2001 | ParaCore, MIRIS         |
| 2006 | SYNERGY D6              |
| 2007 | One Coat 7.0            |
| 2008 | MIRIS 2                 |
| 2011 | COMPONEER               |



### PROSTHETICS

|      |                       |
|------|-----------------------|
| 1974 | Coltex/Coltoflax      |
| 1975 | PRESIDENT             |
| 1980 | Rapid                 |
| 1992 | Speedex               |
| 1995 | PRESIDENT microSystem |
| 2000 | Jet Bite              |
| 2001 | AFFINIS               |
| 2005 | JET BLUE BITE         |
| 2006 | AFFINIS PRECIOUS      |

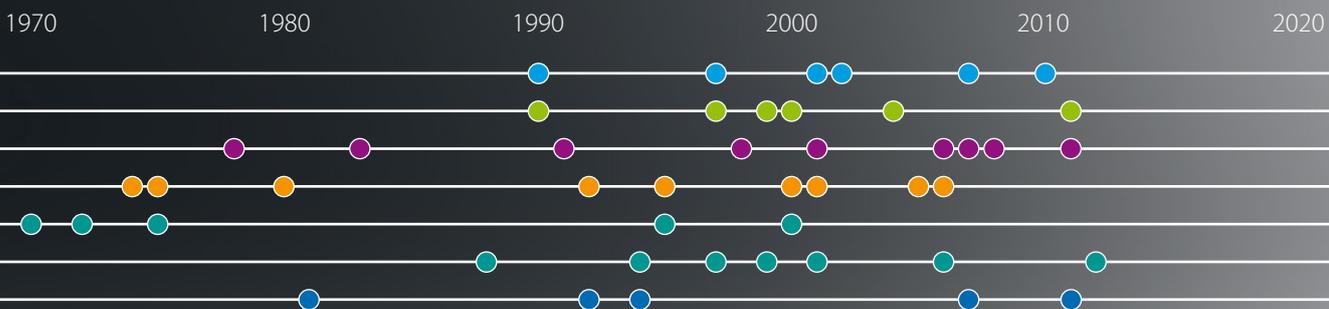
## COMPANY FOUNDATIONS

- 1910 ROEKO GmbH & Co.KG, DE
- 1953 Vigodent, BR
- 1956 Whaledent Inc., US
- 1963 COLTENE AG, CH



## MERGERS

- 1990 Whaledent Inc., US
- 1997 HYGENIC Dental, US
- 2001 DIATECH, CH
- 2002 ROEKO, DE
- 2007 CEI, US
- 2010 Vigodent, BR



### TREATMENT AUXILIARIES

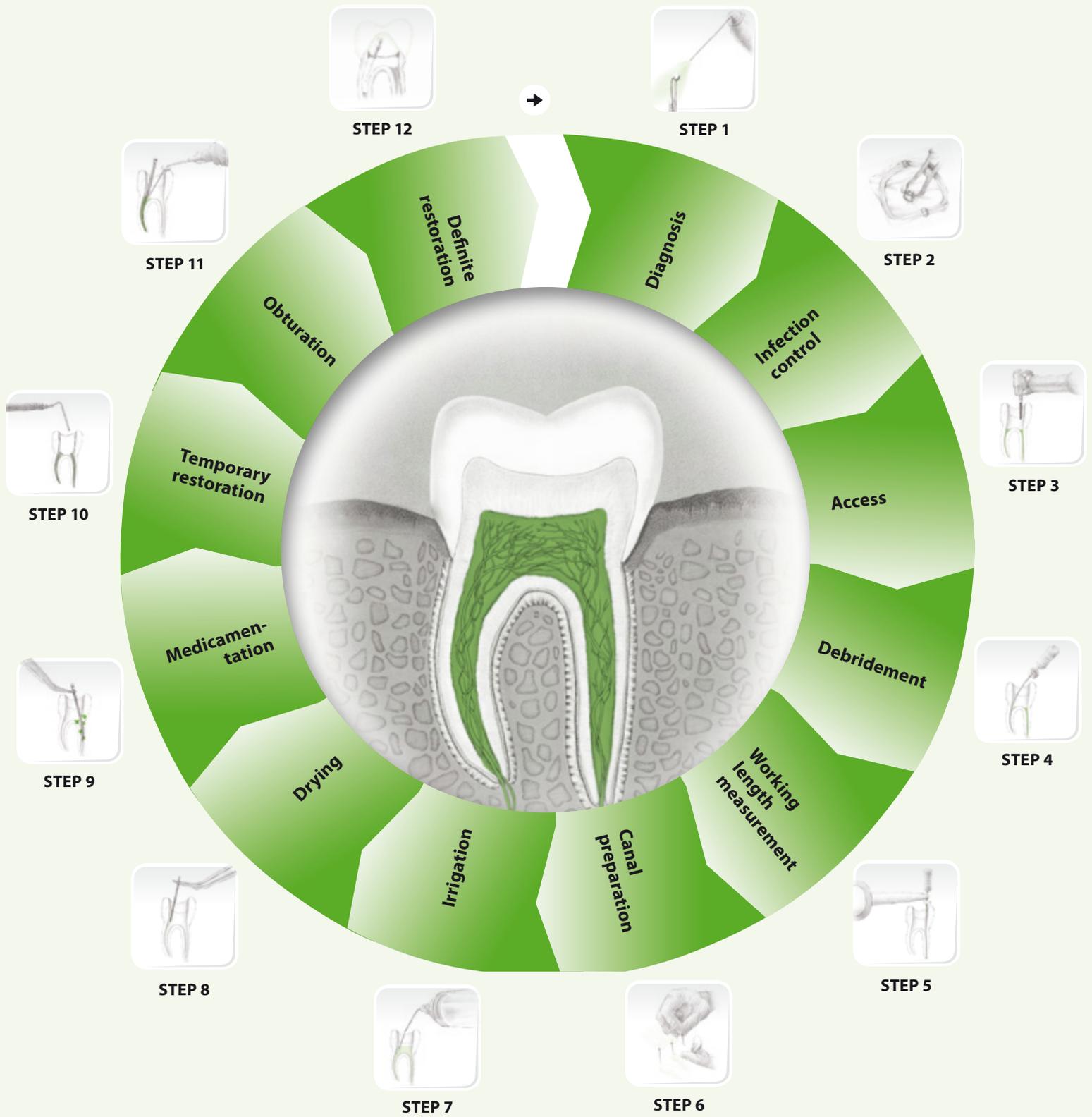
- 1955 Luna
- 1964 Parotisroll
- 1970 Cotton Pellets
- 1972 Surgitip
- 1975 Gelatamp
- 1995 Dental Dam Silicone non latex
- 2000 Flexi Dam non latex

### INFECTION CONTROL

- 1988 BioSonic UC 1 Cleaner
- 1994 Steri-Quick
- 1997 Protecta Quick non latex
- 1999 Simplex-Plus Maxi
- 2001 BioSonic US 100 Scaler
- 2006 BioSonic UC 125
- 2012 Protecta Active Carbon

### ROTARY INSTRUMENTS

- 1981 ML Diamonds
- 1992 Carbides
- 1994 Topspin
- 2007 Speedster
- 2011 SwissFlex



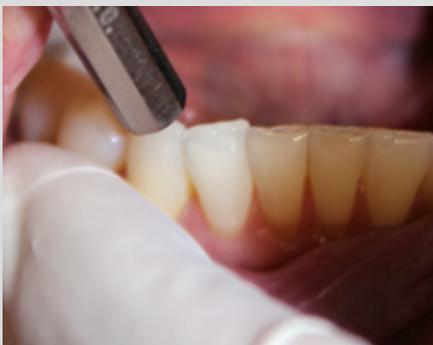
|         | CATEGORY                          | PRODUCT   | BRAND                                     | PAGE |
|---------|-----------------------------------|---|---|------|
| STEP 1  | <b>Diagnosis</b>                  | Cold spray  | ROEKO                                     | 10   |
| STEP 2  | <b>Infection control</b>          | Dental Dam<br>Dental Dam Kits<br>Dental Dam Accessories<br>Dental Dam Clamps  | ROEKO<br>HYGENIC                          | 14   |
| STEP 3  | <b>Access</b>                     | Preparation Kit   | DIATECH                                   | 27   |
| STEP 4  | <b>Debridement</b>                | Hand Files<br>Hand Files Accessories  | HYGENIC<br>ROEKO                          | 29   |
| STEP 5  | <b>Working length measurement</b> | Apex Locator  | CanalPro                                  | 34   |
| STEP 6  | <b>Canal preparation</b>          | NiTi-Files<br>NiTi-Files Accessories<br>Cordless Handpiece  | HyFlex<br>HyFlex<br>CanalPro              | 39   |
| STEP 7  | <b>Irrigation</b>                 | Rinsing Solutions<br>Rinsing Accessories  | CanalPro<br>CanalPro                      | 44   |
| STEP 8  | <b>Drying</b>                     | Paper Points<br>Aspirator Tips  | ROEKO<br>ROEKO                            | 49   |
| STEP 9  | <b>Medicamentation</b>            | Calcium Hydroxide Points<br>Chlorhexidine Points  | ROEKO<br>ROEKO                            | 55   |
| STEP 10 | <b>Temporary restoration</b>      | Temporary filling material  | Coltosol<br>DuoTEMP                       | 59   |
| STEP 11 | <b>Obturation</b>                 | Root canal sealer<br>Root canal filling material<br>Guttapercha Points<br>Accessories   | RoekoSeal<br>GuttaFlow<br>ROEKO<br>ROEKO  | 62   |
| STEP 12 | <b>Definite restoration</b>       | Cylindrical Metal-Posts<br>Cylindrical and conical Fiber-Posts<br>Cylindro-conical Posts<br>Dual-cured composite resin system | ParaPost<br>ParaPost<br>TENAX<br>ParaCore | 73   |



## Step 1 Diagnosis



Obtaining an accurate diagnosis is a critical step in endodontic treatment. In addition to reviewing the patient's chief complaint, medical history, dental history, and history of symptoms, objective findings must be collected and radiographs must be reviewed in order to make a definitive diagnosis.



Percussion Test



Icing the Pellet with Endo-Frost



Cold testing with Endo-Frost

The normal response of nerve fibers can be tested by stimulating the nerve endings of the pulp with a cold spray. As a result of this test, the vitality (existing blood flow) of the tooth can be verified.

It's important to note that use of pain relief drugs can cause a false reading (tooth is vital but does not respond to cold) or that a false cold sensation may occur on teeth with an adjacent metal restoration.



# roeko Endo-Frost





## Step 1 Diagnosis

### ROEKO Endo-Frost

- Cold spray, 200 ml
- Temperature -50 °C
- Spray nozzle for precise application
- For freezing pellets and dental rolls
- Odorless



#### Endo-Frost

Cold spray, 200 ml

240 000

### ROEKO Endo-Frost Pellets

- Are cooled to test the vitality of the tooth
- Can be used with Solomat dispensers



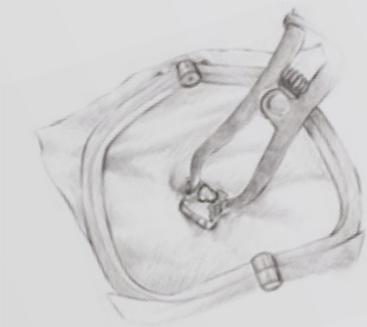
#### Endo-Frost Pellets

approx. 4 × 4 × 4 mm, 500 pcs

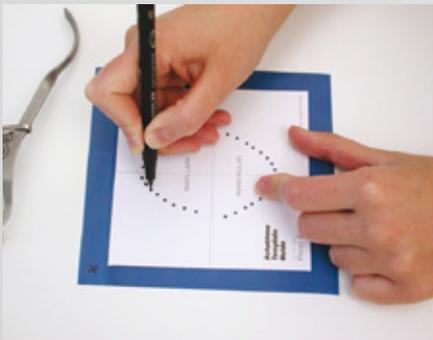
240 001

Infection  
control

**Endodontics**



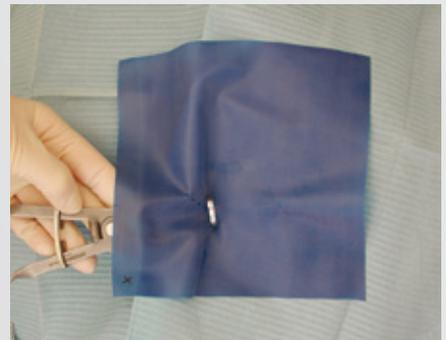
Successful root canal therapy must begin with proper infection control. The Dental Dam is used in dentistry to isolate teeth during dental procedures. Treatment quality significantly increases with the use of the Dental Dam during root canal preparation, changing of medicaments, and obturation because the dental dam allows for an aseptic working environment and retracts the cheek and tongue to allow for optimal viewing. Protecting the mucosa from injury and chemical burns and preventing aspiration of irrigants and instruments, the Dental Dam also ensures that the treatment is delivered safely and efficiently. The use of the Dental Dam is a standard of care with root canal therapy and no endodontic procedure should be performed without the Dental Dam in place.



Marking Dam



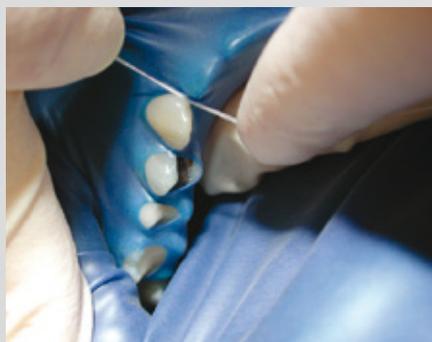
Punching Dam



Inserting Clamp



Applying Dam



Flossing Dam



Dam Applied

With root canal therapy, single-tooth isolation is ideal when possible. In situations where a tooth is fractured and a clamp cannot easily be stabilized on the tooth or a tooth has proximal decay, a split-dam technique can be used.



# Dental Dam





### Hygenic® Framed Flexi Dam non latex

- Convenient built-in-frame - saves time
- Highly elastic Flexi Dam material - tear resistant and easy placement
- Latex free - allergy free
- Odourless - patient conform



Size 100 × 105 mm, medium, 20 pcs

|  |        |
|--|--------|
|  | violet |
|  | H00750 |

### Hygenic® Flexi Dam® non latex

- Low modulus of elasticity
- Individual sheets without powder
- Extra strength and flexible
- Latex free
- Odourless



Size 152 × 152 mm (6" × 6"), medium, 30 pcs

|  |        |        |
|--|--------|--------|
|  | violet | green  |
|  | H09945 | H09946 |

### Hygenic® Dental Dam non latex

- 100% latex free
- Similar tear resistance to natural rubber dam
- Powderfree
- Minimum of three years shelf life
- Color reflective



Size 127 × 127 mm (5" × 5") (children), Size 152 × 152 mm (6" × 6") (adult), medium, green, 15 sheets

|  |              |            |
|--|--------------|------------|
|  | For children | For adults |
|  | H09928       | H09105     |



### Hygenic® Fiesta® Dental Dam (latex)

- Natural rubber latex
- Assorted purple, blue and pink sheets
- Fresh fruit scent for patient and staff comfort



| Size 127 × 127 mm (5" × 5") (children) / Size 152 × 152 mm (6" × 6") (adult) |                          |                        |
|--|--------------------------|------------------------|
|  | For children (52 sheets) | For adults (36 sheets) |
| thin   | H04640                   | H04639                 |
| medium   | H04641                   | H04642                 |
| heavy  | H04643                   | H04644                 |

### Hygenic® Dental Dam (latex)

- Natural rubber latex
- Powdered
- Tear-resistant



| For children, ready cut, 52 sheets |        |        |        |        |
|------------------------------------|--------|--------|--------|--------|
|                                    | light  | dark   | green  | blue   |
| thin                               | H00523 | H00529 | H02141 |        |
| medium                             | H00524 | H00530 | H02142 | H03529 |
| heavy                              | H00525 | H00531 | H02143 | H07314 |
| extra heavy                        | H00526 |        | H02144 |        |

| For adults, ready cut, 36 sheets |        |        |        |        |
|----------------------------------|--------|--------|--------|--------|
|                                  | light  | dark   | green  | blue   |
| thin                             | H00533 | H00538 | H02146 |        |
| medium                           | H00534 | H00539 | H02147 | H03530 |
| heavy                            | H00535 | H00540 | H02148 | H07315 |
| extra heavy                      | H00536 | H00541 | H02149 |        |



| Convenience Dam Pack for children 127 × 127 mm (5" × 5"), 364 sheets |        |        |        |        |
|--|--------|--------|--------|--------|
|  | light  | green  | dark   | Fiesta |
| thin   | H04236 | H04240 |        |        |
| medium   | H04237 | H04241 | H04239 | H07316 |

| Convenience Dam Pack for adults 152 × 152 mm (6" × 6"), 360 sheets |        |        |        |        |
|--|--------|--------|--------|--------|
|  | light  | green  | dark   | Fiesta |
| thin   | H04242 | H04246 |        |        |
| medium   | H04243 | H04247 | H04245 | H07317 |



### Hygenic® Dental Dam on roll



| Dental Dam on roll 127 mm × 6.7 m for children, 152 mm × 5.5 m for adults |                  |               |              |               |
|---|------------------|---------------|--------------|---------------|
|   | light (children) | light (adult) | dark (adult) | green (adult) |
| thin  | H00503           |               |              | H02174        |
| medium  | H00504           | H00514        | H00519       | H02175        |
| extra heavy   |                  |               |              | H02177        |

### ROEKO Flexi Dam non latex

- Latex free
- Powder free
- More tear resistant than latex
- Highly elastic for effective isolation
- No unpleasant odor
- Violet color helps distinguish from latex dams



| Flexi Dam non latex 150 × 150 mm, 0.5 mm thick, 30 pcs + template |         |
|---|---------|
| violet  | 390 035 |
| blue  | 390 033 |

### ROEKO Elasti-Dam powder free\*

- Latex
- More tear resistant than standard latex dam
- Powder free
- Controlled low level of protein allows for less exposure to allergenic particles and reduced risk for development of latex allergy



|        | For children | For adults |
|--------|--------------|------------|
| medium | 6001 3795    | 6001 3793  |
| strong | 6001 3796    | 6001 3794  |

For adults, ready cut, 152 × 152 mm green, 36 pcs  
For children, ready cut, 127 × 127 mm, blue, 36 pcs

\* acc. to EN 455-3 < 5 mg/sheet 1) up to 44% more elastic, acc. to internal tests



### ROEKO Dental Dam Latex



#### Dental Dam latex 150 × 150 mm; 36 pcs

|        |         |
|--------|---------|
| thin   | 390 020 |
| medium | 390 021 |
| heavy  | 390 022 |

#### Dental Dam Set

|                                   |        |         |
|-----------------------------------|--------|---------|
| Dental Dam Set                    |        | 390 000 |
| Punch Type Ainsworth              | 1 pc   |         |
| Clamp forceps Type Ivory          | 1 pc   |         |
| Clampset                          | 1 pc   |         |
| Flexi Dam non latex with template | 30 pcs |         |
| Frame acc. to Young               | 1 pc   |         |

### Hygenic® Dental Dam Kits



#### Complete Kits with punch and forceps

##### Winged or Wingless clamps

|   |        |
|---|--------|
| Starter Kit with Winged Clamps<br>6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack;<br>6" Template; Wedjets Cord (small); Dental dam punch; Dental dam forceps                         | H02778 |
| Starter Kit with Winged Clamps<br>Plastic carrying case ; 6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack;<br>6" Template; Wedjets Cord (small); Dental dam punch; Dental dam forceps | H02782 |
| Complete Kit with Wingless Clamps<br>6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Plastic frame (H01414); Fiesta 9W wingless color-coded clamp pack;<br>6" Template; Wedjets cord (small); Dental dam punch; Dental dam forceps                   | H02790 |

#### Standard Kits without punch and forceps

##### Winged or Wingless clamps

|   |        |
|---|--------|
| Kit with Winged Clamps<br>6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Plastic frame (H01414); Fiesta 9 winged color-coded clamp pack;<br>6" Template; Wedjets Cord (small)                   | H02779 |
| Kit with Wingless Clamps<br>6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Plastic frame (H01414); Fiesta 9W wingless color-coded clamp pack;<br>6" Template; Wedjets Cord (small)              | H02792 |
| Kit with Wingless Clamps and Metal Frame<br>6" × 6" (152 × 152 mm) Dam – green medium; 36 sheets;<br>6" (152 mm) Metal frame (H07083); Fiesta 9W wingless color-coded clamp pack<br>6" Template; Wedjets cord (small) | H02793 |



### Hygenic® Complete Kit with Brinker Clamps



| Complete Kit   |        |
|--|--------|
| Hygenic Complete Kit with Brinker Clamps<br>5" x 5" (127 x 127 mm) Dam – green medium; 52 sheets ;<br>5" (127 mm) Plastic frame (H01416); Brinker universal clamp set; 5" Template;<br>Latex Wedjets cord (small); Dental dam punch; Dental dam forceps;<br>Non-latex Wedjets Stabilizer Cord; Instructional CD (in English) | H09715 |

### Hygenic® Wedjets® Stabilizing Cord

- Latex-available in 3 sizes
- Non-latex-available in 2 sizes
- Alternative to conventional clamp method of securing dental dam
- Eliminates need for use of a rubber dam clamp



| Wedjets Stabilizing Cord |               |        |                   |               |        |
|--------------------------|---------------|--------|-------------------|---------------|--------|
| Latex                    |               |        | Non-Latex         |               |        |
| extra small, blue        | 7 ft. (2.1 m) | H08040 | small, lime green | 7 ft. (2.1 m) | H06524 |
| small, yellow            | 7 ft. (2.1 m) | H06522 | large, aqua blue  | 7 ft. (2.1 m) | H06525 |
| large, orange            | 7 ft. (2.1 m) | H06523 |                   |               |        |

### Hygenic® Dental Dam Frame

- Autoclavable



| Dental Dam Frame                     |             |        |
|--------------------------------------|-------------|--------|
| Ostby plastic frame – radiolucent    | 6" (152 mm) | H00560 |
| U-shaped plastic frame – radiolucent | 5" (127 mm) | H01416 |
|                                      | 6" (152 mm) | H01414 |
| U-shaped metal frame                 | 5" (127 mm) | H07082 |
|                                      | 6" (152 mm) | H07083 |



### ROEKO Metal frame

- U-shaped frame made of high quality chrome nickel steel
- Prongs along its length hold Dental Dam secure
- Can be sterilized in autoclave or dry heat sterilizer



Metal frame

390 040

### ROEKO Plastic frame, foldable

- Radiolucent and oval in shape
- Can be folded to allow for taking xrays and aspiration of saliva
- Autoclavable up to 134°C



Plastic frame, foldable

390 041

### ROEKO Template

- Durable plastic
- Aids with proper placement on the Dental Dam

Template

390 042

### ROEKO Clamp Forceps

- Can be sterilized in the autoclave or dry heat sterilizer
- Allow for secure placement of clamp to the tooth
- High quality
- Easy to handle



Clamp Forceps

390 011

### ROEKO Punch

- Can be sterilized in the autoclave or dry heat sterilizer
- 8 hole size options
- Easy to handle
- High quality



Punch

390 010



### Hygenic® Extended Reach Punch

- 12 mm greater reach than traditional punches - ideal for use with pre-framed dental dams
- Two different sized dies - #2 for anterior teeth and #4 for posterior teeth
- Easy to change dagger and dies that do not require use of any additional tools



| Extended Reach Punch Punch with dagger |        |
|--|--------|
| #2 and #4 die of each                  | H01253 |
| <b>Accessories:</b>                    |        |
| #2 die                                 | H01254 |
| #4 die                                 | H01255 |
| dagger                                 | H01256 |

### Hygenic® Dental Dam Forceps



| Dental Dam Forceps |        |
|--------------------|--------|
| Stainless Steel    | H01262 |

### Hygenic® Dental Dam Punch



| Dental Dam Punch |        |
|------------------|--------|
| Stainless Steel  | H01261 |

### Hygenic® Ora-Shield® Dental Dam Napkins

- Prevent direct contact of dental dam with sensitive skin
- Soft, non-woven fabric
- Allow for maximal absorption of saliva, water and perspiration



| Ora-Shield Dental Dam Napkins 50 pcs         |        |
|--|--------|
| Fits frame sizes 5" (127 mm) and 6" (152 mm) | H01415 |
| Fits Holder (large size)                     | H00841 |



### Hygenic® Dental Dam Stamp

- Marks standard tooth position on Dental Dam
- Compatible with most office ink pads



| Dental Dam Stamp |                |        |
|------------------|----------------|--------|
| 5" x 5"          | (127 x 127 mm) | H01442 |
| 6" x 6"          | (152 x 152 mm) | H01443 |

| Dental Dam Template |                |        |
|---------------------|----------------|--------|
| 5" x 5"             | (127 x 127 mm) | H01440 |
| 6" x 6"             | (152 x 152 mm) | H01441 |

### Hygenic® Dental Dam Clamp-Sets

- Available winged or wingless



| Dental Dam Clamp-Sets                     |  |        |
|---|--|--------|
| System-9 Winged Clamp Pack                |  | H02701 |
| Fiesta 9 Color-coded Clamp Pack winged    |  | H09966 |
| Fiesta Color-coded Clamp Organizer        |  | H09956 |
| Brinker (tissue retraction) Clamp Pack    |  | H01054 |
| Fiesta 9W Color-coded Clamp Pack wingless |  | H02801 |

### Hygenic® Gloss Finish Wingless Clamps

- Wingless Clamps are designated with a "W" (wingless) for easy identification.

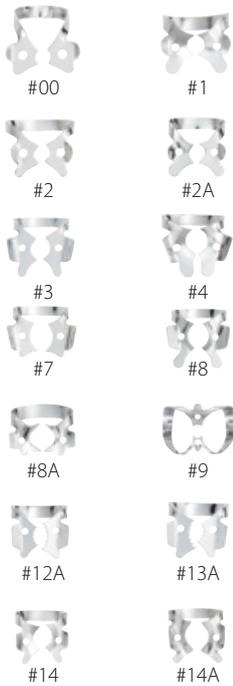


| Gloss Finish Wingless Clamps |  |        |
|------------------------------|--|--------|
| #212                         | Anterior teeth   | H02792 |
| #W00                         | Maxillary and mandibular premolar and anterior teeth     | H02769 |
| #W2                          | Premolars and maxillary incisors                         | H02768 |
| #W2A                         | Premolars and maxillary incisors                         | H02775 |
| #W3                          | Flat jawed, small molars                                 | H03814 |
| #W7                          | Flat jawed, general purpose, mandibular molars           | H02765 |
| #W8                          | General purpose, maxillary molars                        | H02767 |
| #W8A                         | Downward sloped jaws for small, partially erupted molars | H02766 |
| #W9                          | Anterior teeth   | H02770 |
| #W14                         | For partially erupted or irregularly shaped molars       | H02774 |
| #W14A                        | Downward sloped jaws for large, partially erupted molars | H02764 |
| #W56                         | Universal molar clamp                                    | H03815 |



### Hygenic® Gloss Finish Winged Clamps

- Allow for placement of dental dam, clamp and frame as one unit



| Gloss Finish Winged Clamps |  |        |
|----------------------------|--|--------|
| #00                        | Maxillary and mandibular premolars and anterior teeth    | H02762 |
| #1                         | General purpose, maxillary premolars                     | H02703 |
| #2                         | Premolars and maxillary incisors                         | H02761 |
| #2A                        | Premolars and maxillary incisors                         | H05688 |
| #3                         | Flat jawed, small molars                                 | H05689 |
| #4                         | Small maxillary molars, deciduous teeth                  | H02704 |
| #7                         | Flat jawed, general purpose, mandibular molars           | H02758 |
| #8                         | General purpose, maxillary molars                        | H02760 |
| #8A                        | Downward sloped jaws for small, partially erupted molars | H02759 |
| #9                         | Anterior teeth   | H02763 |
| #12A                       | Serrated jaw clamp, maxillary left molars                | H02706 |
| #13A                       | Serrated jaw clamp, maxillary right molars               | H02705 |
| #14                        | For partially erupted or irregularly shaped molars       | H05690 |
| #14A                       | Downward sloped jaws for large, partially erupted molars | H02757 |

### Hygenic® Fiesta® Color Coded Matte Finish Winged Clamps

- Color coded for easy identification
- Non-reflective
- Color coded stainless steel organizer



| Fiesta Color Coded Matte Finish Winged Clamps |  |        |
|---|--|--------|
| #2  | ● Premolars and maxillary incisors                         | H09957 |
| #2A   | ● Premolars and maxillary incisors                         | H09958 |
| #4  | ● Small maxillary molars, deciduous teeth                  | H09959 |
| #7  | ● Flat jawed, general purpose, mandibular molars           | H09960 |
| #8A   | ● Downward sloped jaws, small, partially erupted molars    | H09961 |
| #9  | ● Anterior teeth   | H09962 |
| #12A  | ● Serrated jaw clamp, maxillary left molars                | H09963 |
| #13A  | ● Serrated jaw clamp, maxillary right molars               | H09964 |
| #14A  | ● Downward sloped jaws for large, partially erupted molars | H09965 |



### Hygenic® Brinker Clamps (Tissue Retractors)

- Provide maximal retraction without laceration of gingival tissues
- Available as a set or sold individually

| Brinker Clamps (Tissue Retractors) |  |        |
|------------------------------------|--|--------|
|                                    | Brinker Universal Clamp Set (one of each B-1, B-2, B-3, B-4, B-5, B-6) | H01054 |
| B-1                                | Mandibular molars  | H01048 |
| B-2                                | Maxillary left molars  | H01049 |
| B-3                                | Maxillary right molars   | H01050 |
| B-4                                | Premolars  | H01051 |
| B-5                                | Premolars and incisors   | H01052 |
| B-6                                | Premolars and incisors   | H01053 |

### Hygenic® Fiesta® Color Coded Matte Finish Wingless Clamps



| Fiesta Color Coded Matte Finish Wingless Clamps |  |        |
|---|--|--------|
| #W2   | ● Premolars and maxillary incisors                         | H02794 |
| #W2A  | ● Premolars and maxillary incisors                         | H02795 |
| #W3   | ● Flat jawed, small molars                                 | H02796 |
| #W7   | ● Flat jawed, general purpose, mandibular molars           | H02797 |
| #W8   | ● General purpose, maxillary molars                        | H02798 |
| #W8A  | ● Downward sloped jaws for small, partially erupted molars | H02799 |
| #W9   | ● Anterior teeth   | H02800 |
| #W14A   | ● Downward sloped jaws for large, partially erupted molars | H02802 |
| #W56  | ● Universal molar clamp                                    | H02803 |



## ROEKO Clamps

- Winged clamps allow for placement of Dental Dam and clamp as one unit



### Clamp Set

|   |         |
|---|---------|
| Clamp #00, #206, #209, #200, #201, #212 | 390 050 |
|---|---------|

### Clamps

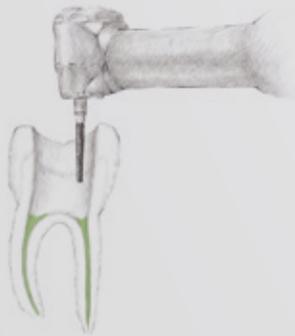
|   |         |
|---|---------|
| #00 Premolar, high bow, narrow jaw                | 390 051 |
| #206 Maxillary premolars, distinctive concave jaw | 390 052 |
| #209 Mandibular premolars, flat clamp mouth       | 390 053 |
| #200 Mandibular molars                            | 390 054 |
| #201 Maxillary molars, concave jaw shape          | 390 055 |
| #211 Anterior teeth, double-bow                   | 390 056 |
| #212 Anterior teeth                               | 390 057 |

Access

Endodontic

Debridement

Working length measurement



An ideal endodontic access allows for straight-line access to the root canal system, which permits adequate visualization of the root canals and allows for easier placement of files and irrigation needles.

Access can be initiated with a round carbide or fissure bur. For teeth with porcelain or porcelain fused to metal crowns, use of a diamond bur with water spray may be preferred so that risk of porcelain fracture can be minimized. Once penetration of the porcelain is complete, a carbide bur can be used to cut metal and dentin due to its greater cutting efficiency. After the endodontic access is initiated, the access can be extended in axial directions with a flat-ended tapered diamond bur, a standard fissure bur, or a safe-ended bur. Due to the fact that safe-ended burs are non-cutting at the tip, gouging or perforation of the pulpal floor can be prevented by using such burs.



Locating the canal



Remove dentin from pulpal floor



Removal of caries

Locating all canals can be challenging in teeth that have a high degree of coronal calcification. In such instances, using a surgical length carbide bur may be necessary to remove dentin from the pulpal floor. Ultrasonic tips can also be used for more controlled removal of dentin while searching for hidden canals.

Prior to accessing the root canal system, all caries and defective restorations should be removed. The bur that was used to remove caries and restorative materials should be switched and a new bur should always be used to continue with endodontic access.



## Endo Preparation Kit

- Selected by Professor Dr. Gambarini



### Endo Preparation Kit (selected by Prof. G. Gambarini)

250062AA



ISO 001524 014 /  
200808AA

ISO 001 52 018/  
200089AA

ISO 219 524 016 /  
200391AA

ISO 198 524 014 8.0 /  
200435AA

ISO 223 066 /  
235046AA

Fig. No.  
ISO Ø 1/10 mm  
Grit Size

801L  
014  
125 µm

801  
018  
125 µm

851  
016  
125 µm

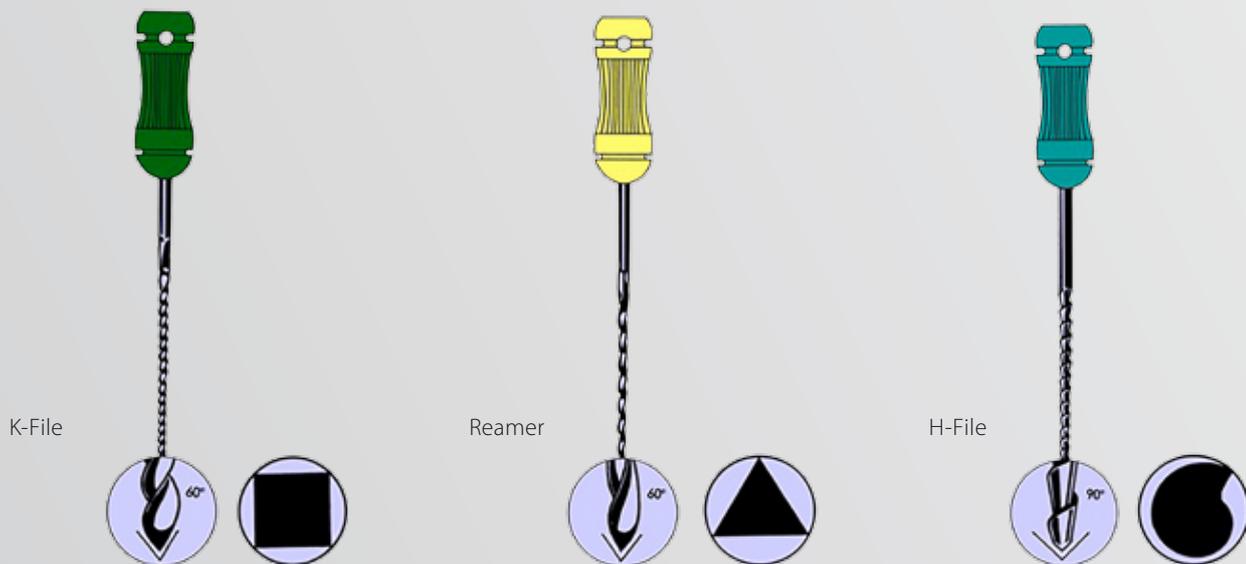
856  
014  
125 µm

C245  
008



Following placement of the rubber dam, disinfecting the working field, and accessing the tooth, debridement of the inflamed or infected pulp tissue is achieved with hand files. The files negotiate the canals to working length and establish a smooth glide path from the canal orifice to the apex. Factors, such as calcification and canal curvature can make debriding

the canals extremely challenging. Appropriate irrigants, such as sodium hypochlorite (NaOCl) and ethylenediaminetetraacetic acid (EDTA), facilitate debridement of the root canal system. Hand instruments that have .02 taper are commonly used to negotiate the canal system to length.



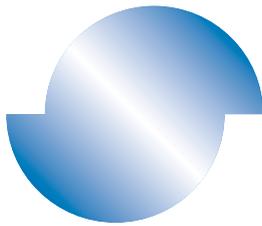
**Such hand instruments are manufactured in three different designs:**

- K-files – Square, triangular or diamond in cross-section and have an increased number of flutes. Work in a rotational motion as well as a pulling motion to clean and enlarge the canals. Primary files used for initial negotiation and debridement of the canals.
- Reamers – Triangular in cross-section and have fewer flutes. Work in a rotational motion to clean the canal system.
- H-files – Milled as opposed to twisted and often used during retreatment to remove gutta-percha. Work in a push-pull motion and cut on the pulling stroke. It is extremely important to note that due to high risk of fracture. A glide path should be created with hand or rotary glide path files.



## Hygenic® Hyflex® X-File®

- Exceptional flexibility in the apical 1/3
- Flexibility protects against ledging, zipping and transportation
- Double-fluted design to maximize cutting efficiency



### Hyflex X-File Nickel Titanium Starter Kit length 25 mm

|       |       |        |
|-------|-------|--------|
| 15    | 6 pcs | H08438 |
| 20    | 6 pcs |        |
| 25    | 6 pcs |        |
| 30    | 6 pcs |        |
| 35    | 6 pcs |        |
| 40    | 6 pcs |        |
| 15–40 | 6 pcs |        |

### Hyflex X-File Nickel Titanium 6 pcs

| Size           | 21 mm  | 25 mm  |
|----------------|--------|--------|
| Assorted 15–40 | H08391 | H08413 |
| Assorted 45–80 | H08392 | H08414 |
| 15             | H08374 | H08396 |
| 20             | H08376 | H08398 |
| 25             | H08378 | H08400 |
| 30             | H08380 | H08402 |
| 35             | H08382 | H08404 |
| 40             | H08384 | H08406 |
| 45             | H08385 | H08407 |
| 50             | H08386 | H08408 |
| 55             | H08387 | H08409 |
| 60             | H08388 | H08410 |
| 70             | H08389 | H08411 |
| 80             | H08390 | H08412 |

### Hyflex X-File Stainless Steel 6 pcs

| Size | 21 mm  | 25 mm  |
|------|--------|--------|
| 08   | H08371 | H08393 |
| 10   | H08372 | H08394 |





### ROEKO Root Canal Instruments

- Stainless steel
- Can be sterilized
- Effective cutting



| K-Files (ISO) length 25 mm |         |
|----------------------------|---------|
| Size                       | 6 pcs   |
| Assorted 15–40             | 381 154 |
| Assorted 45–80             | 381 458 |
| 8                          | 381 008 |
| 10                         | 381 010 |
| 15                         | 381 015 |
| 20                         | 381 020 |
| 25                         | 381 025 |
| 30                         | 381 030 |
| 35                         | 381 035 |
| 40                         | 381 040 |
| 45                         | 381 045 |
| 50                         | 381 050 |
| 55                         | 381 055 |
| 60                         | 381 060 |
| 70                         | 381 070 |
| 80                         | 381 080 |

| H-Files (ISO) length 25 mm |         |
|----------------------------|---------|
| Size                       | 6 pcs   |
| Assorted 15–40             | 382 154 |
| Assorted 45–80             | 382 458 |
| 8                          | 382 008 |
| 10                         | 382 010 |
| 15                         | 382 015 |
| 20                         | 382 020 |
| 25                         | 382 025 |
| 30                         | 382 030 |
| 35                         | 382 035 |
| 40                         | 382 040 |
| 45                         | 382 045 |
| 50                         | 382 050 |
| 55                         | 382 055 |
| 60                         | 382 060 |
| 70                         | 382 070 |
| 80                         | 382 080 |

| Reamers (ISO) length 25 mm |         |
|----------------------------|---------|
| Size                       | 6 pcs   |
| Assorted 15–40             | 380 154 |
| Assorted 45–80             | 380 458 |
| 8                          | 380 008 |
| 10                         | 380 010 |
| 15                         | 380 015 |
| 20                         | 380 020 |
| 25                         | 380 025 |
| 30                         | 380 030 |
| 35                         | 380 035 |
| 40                         | 380 040 |
| 45                         | 380 045 |
| 50                         | 380 050 |
| 55                         | 380 055 |
| 60                         | 380 060 |
| 70                         | 380 070 |
| 80                         | 380 080 |



### ROEKO Stops

- Silicone
- Radiopaque



#### Stops

50 pcs

331 000

### ROEKO Endo Gauge

- Compact file holder
- Ideal for setting the length of files and points
- Can be sterilized in autoclave and chemiclave
- Diameter of 48 mm, for 12 instruments with a central well and sponge for used instruments



#### Endo Gauge Type CS

330 002

### ROEKO Sponges

- For use with Endo Gauge CS
- Autoclavable up to 134 °C



#### Sponges

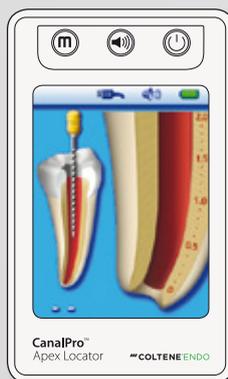
40 pcs

330 003

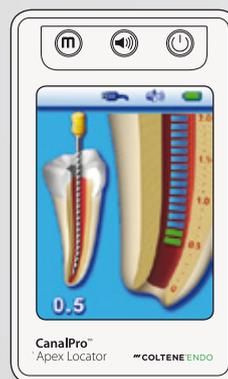


Accurate determination of working length is critical for the success of endodontic treatment. Inspection of pre-operative radiographs, use of tactile sensation, or evaluation of fluid on the tip of paper points may help with estimating working length. Modern electronic length measurement devices, such as the CanalPro Apex Locator, provide a reliable method for confirming working length. Such devices determine the location of the apical constriction with the help of electrical resistance. Electronic length measurement is often more precise than radiographic determination of working length and can be repeated at any time to verify canal length.

Working length should be measured after coronal flaring has been performed. Many canals have a coronal dentin shelf that, once removed, results in a straighter glide path and shorter working length. Obtaining working length prior to coronal flaring, therefore, can result in a working length that is inaccurate.



File tracking



Working length



Over-instrumentation

**During the use of the CanalPro Apex Locator, any of the following situations should be checked to avoid an erroneous reading:**

- Tooth with immature roots
- Tooth with a perforation
- Excessive fluid in the pulp chamber
- Canal system is too dry
- File being used for length measurement contacts a metal restoration
- Residual gutta-percha remaining in retreatment cases
- Working length measurements obtained with an electronic apex locator should always be verified with a radiograph to ensure accuracy.



# CanalPro™ Apex Locator



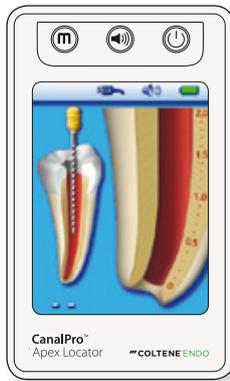


### CanalPro™ Apex Locator

- Brilliant, colored 3D panel
- Accuracy of measurement
- Comfortable
- Fully automatic
- Interactive operation
- Built-in demo mode
- Virtual Apex Function
- Audio feedback with volume control
- Built-in self-test for a fast function control
- Auto-off
- Rechargeable battery

#### Apex Locator

|                              |       |           |
|------------------------------|-------|-----------|
| CanalPro Apex Locator EU Kit |       | 6001 4334 |
| 1 × Apex Locator             |       |           |
| 1 × Charger                  |       |           |
| 1 × Measuring cable          |       |           |
| 2 × Lip clips                |       |           |
| 2 × File clips               |       |           |
| 1 × Touch probe              |       |           |
| Measuring cable              | 1 pc  | 6001 4335 |
| File clips                   | 2 pcs | 6001 4336 |
| Touch probe                  | 2 pcs | 6001 4337 |
| Lip clips                    | 5 pcs | 6001 4338 |
| Charger                      | 1 pc  | 6001 4339 |
| Rechargeable battery         | 1 pc  | 6001 4340 |



File tracking



Large apical zone



Over-instrumentation

# Endodontics

## Canal preparation

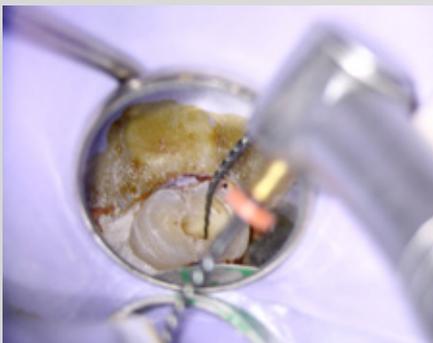


## Step 6 Canal preparation



The primary objectives of canal preparation are to remove infected tissue, provide irrigants access to the entire length of the canal, and create space for placement of medicaments and the definitive obturation material. As long as the clinician respects canal anatomy and geometry as he/she works to achieve the primary objectives as outlined above, a successful outcome can be achieved regardless of technique used.

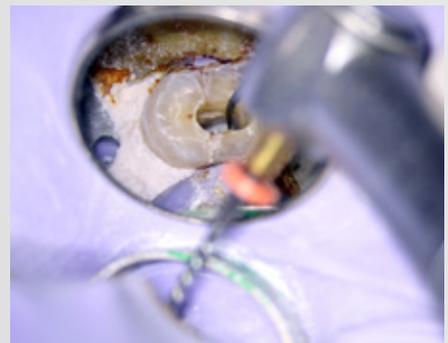
A new generation of NiTi heat-treated files have increased superelasticity compared to traditional NiTi files and lack pseudo elasticity. Such benefits allow for superior canal tracking during instrumentation and practically eliminate the risk for procedural errors, such as file separation and canal transportation. Larger apical preparation sizes, which are needed to eliminate intracanal biofilm and adequately debride the apical region of the canal, can be achieved safely. In addition, with the lack of pseudo elasticity the files can be pre-bent, they are ideal for use in patients with limited opening or with teeth in which access to the root canal system is challenging.



HyFlex CM file



HyFlex CM pre-curved



HyFlex CM canal prep

### **An example of how to safely instrument the canal system once a tooth has been properly isolated with a Dental Dam:**

- Access and locate the canals
- Establish a glide path at the estimated working length with HyFlex GPF files
- Coronally flare the canals with an orifice opener (25/08) or Gates Glidden burs
- Confirm working length with an electronic apex locator
- To confirm glide path, hand filing up to #20 is recommended
- Instrument the canals using HyFlex CM rotary files using the following sequence, inserting all files to working length, 20/04, 25/04, 20/06, 30/04, 40/04.
- Check patency in between each file change
- If resistance occurs repeat prior step



# HyFlex<sup>TM</sup>CM CanalPro<sup>TM</sup>CL





## HyFlex™ CM – The regenerative NiTi File

### Controlled memory + Extreme flexibility = Superior canal tracking

HyFlex Controlled Memory NiTi Files have been manufactured utilizing a unique process that controls the material's memory.



✓ Before use



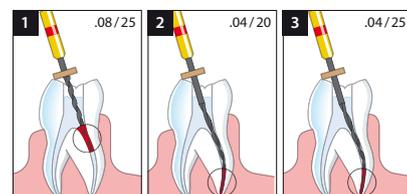
✓ After use



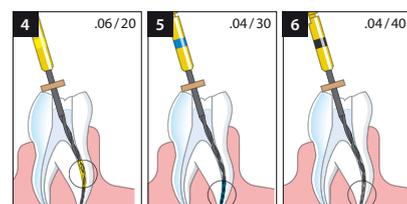
✓ After heat treatment



✗ Untwisted (discard)



If working length is reached, it may be possible to go to Step 4



### Advantages:

- The files are extremely flexible and have controlled memory.
- This gives the file the ability to follow the anatomy of the canal very closely, reducing the risk of ledging, transportation or perforation.
- The files can be pre-bent, to allow for easy insertion into canals with limited opening.

### Regains shape after heat treatment = Multi-use

- HyFlex CM NiTi Files respond to excessive resistance with straightening of the spirals, which avoids binding to the walls and therefore increases fracture resistance.
- This form adaptation can be reversed quickly by heat treatment (during autoclaving or with a glass bead sterilizer) returning the instruments back to their original shape.
- Furthermore the heat treatment will strengthen the files making them a lot more resistant to cyclical fatigue.
- Also the heat treatment provides a clear visual opportunity to verify safe continuation of file use.

### Up to 300 % more resistance to separation

HyFlex CM NiTi Files with Controlled Memory are up to 300 % more resistant to cyclical fatigue compared to conventional NiTi files, which substantially helps reducing the incidence of file separation.

### Step by Step

HyFlex CM NiTi Files can be used with crown-down, step-back or our recommended single length technique (500 rpm, up to 2.5 N-cm)



## HyFlex™ CM NiTi Files & Accessories



### HyFlex GPF Sequence

| Size                               | 25mm      |
|------------------------------------|-----------|
| 2 × 15/.01, 2 × 15/.02, 2 × 20/.02 | 6001 8753 |

### HyFlex CM NiTi File Refills

| Size                  | 19mm      | 21mm      | 25mm      | 31mm      |
|-----------------------|-----------|-----------|-----------|-----------|
| 25/08                 | 6001 1048 |           |           |           |
| 15/04                 |           | 6001 1049 | 6001 1065 | 6001 8284 |
| 20/04                 |           | 6001 1050 | 6001 1066 | 6001 8285 |
| 25/04                 |           | 6001 1052 | 6001 1067 | 6001 8286 |
| 30/04                 |           | 6001 1053 | 6001 1068 | 6001 8287 |
| 35/04                 |           | 6001 1054 | 6001 1069 |           |
| 40/04                 |           | 6001 1055 | 6001 1070 | 6001 8288 |
| 45/04                 |           | 6001 1056 | 6001 1071 |           |
| 50/04                 |           | 6001 1057 | 6001 1072 | 6001 8289 |
| 60/04                 |           | 6001 1058 | 6001 1073 | 6001 8290 |
| 20/06                 |           | 6001 1059 | 6001 1074 | 6001 8291 |
| 25/06                 |           | 6001 1060 | 6001 1075 |           |
| 20/06, X-tra Spiralen |           | 6001 8699 | 6001 8700 | 6001 8701 |
| 25/06, X-tra Spiralen |           | 6001 8702 | 6001 8703 | 6001 8704 |
| 30/06                 |           | 6001 1061 | 6001 1076 | 6001 8292 |
| 35/06                 |           | 6001 1062 | 6001 1077 |           |
| 40/06                 |           | 6001 1063 | 6001 1078 | 6001 8293 |

### HyFlex CM NiTi-Files Sequence Single length

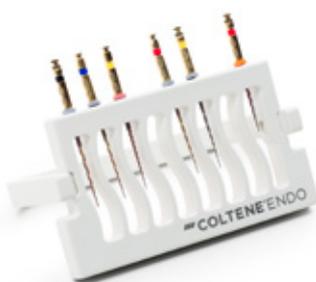
| Sizes   | 21mm      | 25mm      | 31mm      |
|---|-----------|-----------|-----------|
| 25/08 19mm; 20/04; 25/04; 20/06; 30/04; 40/04 | 6001 1064 | 6001 1079 | 6001 8294 |

### HyFlex CM NiTi-Files Sequence Crown down

| Sizes   | 21mm      | 25mm      | 31mm      |
|---|-----------|-----------|-----------|
| S (25/08 19mm; 35/04; 30/04; 25/04; 20/04; 15/04) | 6001 8689 | 6001 8692 | 6001 8695 |
| M (25/08 19mm; 60/04; 50/04; 45/04; 40/04; 35/04) | 6001 8690 | 6001 8693 | 6001 8696 |
| L (25/08 19mm; 40/06; 35/06; 30/06; 25/06, 20/06) | 6001 8691 | 6001 8694 | 6001 8697 |



## Step 6 Canal preparation



### HyFlex CM Introkit

|   |           |
|---|-----------|
| Introkit Premium<br>(2 × Organizer, 2 × 21mm Sequenz, 2 × 25mm Sequenz, roeko GP Greater Taper) | 6001 9533 |
| Introkit Compact<br>(Organizer, 25mm Sequenz, ROEKO GP Greater Taper)                           | 6001 8786 |

### HyFlex CM Accessories

|                          |                  |           |
|--------------------------|------------------|-----------|
| Endo Procedure Block     | 1 pc             | 6001 1083 |
| Endo Organizer           | 1 pc             | 6001 8783 |
| Endo Practice Block Pack | 3 acrylic blocks | 6001 1085 |

## CanalPro™ CL – Cordless Handpiece

- Thin ergonomic design for better access to hard to reach areas
- Large, user-friendly LCD panel
- Memory for up to 5 programs
- Auto-reverse mod
- 6 head positions allow contra angle head to be adjusted to your preferred position
- Operates continuously for approx. 80 minutes
- Quick charging time of approx. 90 minutes. Non-contact charger prevents improper charging due to deterioration of metallic terminal
- Energy-saving, turns off when not used for 10 minutes
- Contra angle head is autoclavable at 135 °C
- Rotation Speed (min<sup>-1</sup>): 140 ~ 550
- Torque Level (N·cm): 0.3 ~ 3.0



### CanalPro CL Cordless Handpiece & Accessories

|   |                       |
|---|-----------------------|
| CanalPro CL Complete Set EU / UK (without Apex Locator connection)<br>Motor Handpiece, 1 pc; CanalPro CL Charger, 1 pc<br>Contra Angle 16:1, 1 pc | 6001 1035 / 6001 1036 |
| Complete Set EU (with Apex Locator connection)<br>Motor Handpiece 1 pc; CanalPro CL Charger, 1 pc<br>Contra Angle 16:1 AL, 1 pc                   | 6001 4050             |
| Motor Handpiece   | 1 pc 6001 1037        |
| Charger   | 1 pc 6001 1038        |
| Contra Angle 16:1<br>(without Apex Locator connection)  | 1 pc 6001 1039        |
| Contra Angle 16:1 AL<br>(with Apex Locator connection)  | 1 pc 6001 3747        |

Irrigation  
**Endodontics**  
Drying  
Medicamentation



## Step 7 Irrigation



As studies have shown that approximately 40-50% of the root canal space remains untouched by conventional endodontic files, mechanical debridement alone cannot sufficiently clean and disinfect the root canal system. Chemical debridement in combination with mechanical debridement, also known as chemomechanical debridement, is necessary for successful root canal treatment.

Irrigants are used to help dissolve vital and necrotic tissue, eradicate bacteria and other microorganisms, remove the smear layer, and lubricate the canal system. As no single irrigant exists that can accomplish all of the above goals, multiple solutions must be used during clinical treatment. Sodium hypochlorite (NaOCl), ethylenediaminetetraacetic acid (EDTA), and 2% Chlorhexidine (CHX) are commonly used for chemical debridement during the process of canal preparation.



Side-port irrigation tip taken to proper length

Mixing NaOCl with CHX results in formation of an orange carcinogenic precipitate known as parachloroaniline. Clinicians, therefore, should use extreme caution not to use the two irrigants in succession. EDTA can be used to neutralize NaOCl so that CHX can be used safely. An example of a common irrigation protocol is as follows:

- NaOCl used throughout the process of canal instrumentation
- EDTA used to remove the smear layer once canal instrumentation is complete
- 2% CHX used as the final irrigant before obturation



# CanalPro™ Irrigation and rinsing





### CanalPro™ EXTRA NaOCl 6 %

- For irrigation/debridement of root canals
- Same formula as Chlor-XTRA™\*
- 2 x more efficient
- Powerful wetting agents and proprietary surface modifiers enable penetration into hard-to-reach areas such as lateral canals and isthmuses
- 2 x increased digestive action or ability to regular sodium hypochlorite solutions cuts tissue dissolution time in half



#### EXTRA NaOCl 6 %

480 ml

6001 1159

\*Chlor-XTRA is not a trademark of Coltène/Whaledent

### CanalPro™ NaOCl

- For irrigation/debridement of root canals
- Available in 3 % and 6 % formula



#### NaOCl

3 % 480 ml

6001 1160

6 % 480 ml

6001 1161

### CanalPro™ EDTA 17 %

- 17 % EDTA solution (pH 8.5)
- Removes smear layer and dentin mud
- Opens dentin tubules to increase penetration of disinfecting solutions
- Allow for better adhesion of sealer and obturation materials



#### EDTA 17 %

480 ml

6001 1157

120 ml

6001 1158

### CanalPro™ CHX 2 %

- 2 % chlorhexidine digluconate solution
- Substantive
- Very effective against E. faecalis and fungi



#### CHX 2 %

480 ml

6001 3994

120 ml

6001 4327



### CanalPro™ Syringe Station

- No Mess! No Waste! Less Time!



- Practical and efficient method to fill syringes
- Syringe activated valve
- Low level light indicator
- Helps prevent counter, carpet and scrub damage
- Several units may be connected to create a convenient station for filling multiple solutions

#### Syringe Station

1 Station

6001 1178

### CanalPro™ Color Syringes

- Latex-Free



- Offer a fast, easy way to organize and identify syringes
- Color coded
- Available in 10 ml and 5 ml

#### Color Syringes 50 syringes/box

|        | 10 ml     | 5 ml      |
|--------|-----------|-----------|
| Red    | 6001 1173 | 6001 9321 |
| Blue   | 6001 1174 | 6001 9322 |
| Yellow | 6001 1175 | 6001 9323 |
| White  | 6001 1176 | 6001 9324 |

### CanalPro™ Syringe Warmer

- For 10 ml syringes



- Heats to 55 °C
- Ideal to heat anastatics and composites
- Gives higher efficiency to rinsing solution at lower concentration

#### Syringe Warmer

1 pc

6001 1183

### CanalPro™ Blue Tips

- Soft plastic tip for irrigation
- Autoclavable



- 23ga / 0,6mm
- From curve 12mm length

#### Blue Tips

20/cup

6001 1166



### CanalPro™ Flex Tips

- Bendable for optimal access
- Excellent canal tracking
- Non-kink polyamide tip
- Disposable (single use) tip
- From curve 25 mm length



#### Flex Tips 20 / cup

|               |           |
|---------------|-----------|
| 25 ga; 0,5 mm | 6001 1163 |
| 30 ga; 0,3 mm | 6001 1164 |

### CanalPro™ Slotted-End Tips

- Ideal for irrigation of sinus tract
- Slotted and side-vented
- 25 mm length



#### Slotted-End Tips 100 / bag

|               |           |
|---------------|-----------|
| 27 ga; 0,4 mm | 6001 1167 |
| 30 ga; 0,3 mm | 6001 1168 |

### CanalPro™ Side-Port Tips

- Closed end for side port delivery
- 25 mm length



#### Side-Port Tips 100 / bag

|               |           |
|---------------|-----------|
| 27 ga; 0,4 mm | 6001 1169 |
| 30 ga; 0,3 mm | 6001 1170 |



### ROEKO CanalBrush™

- Highly flexible
- Made of polypropylene
- To remove dentin, plaque and other impurities loosened by files and drills
- Increases considerably the cleaning effect of irrigating solutions on the root canal surface. Better cleaning effect than with files, without enlarging the canal
- Autoclavable at 134 °C
- Can be used to place post cements or adhesives
- Very flexible, lower risk of breakage
- Endo stops permit length control



#### CanalBrush™

|                  |                |         |
|------------------|----------------|---------|
| Assorted S, M, L | 30 pcs + stops | 378 000 |
| Size S           | 10 pcs + stops | 378 020 |
| Size S           | 20 pcs + stops | 378 120 |
| Size S           | 50 pcs + stops | 378 220 |
| Size M           | 10 pcs + stops | 378 025 |
| Size M           | 20 pcs + stops | 378 125 |
| Size M           | 50 pcs + stops | 378 225 |
| Size L           | 10 pcs + stops | 378 030 |
| Size L           | 20 pcs + stops | 378 130 |
| Size L           | 50 pcs + stops | 378 230 |

### ENDO Cleaning Pack

- 20% savings compared to single purchase
- This practical package offers the dentist all basic steps for the rinsing and drying process of an endodontic treatment



#### Cleaning Pack

|   |           |
|---|-----------|
| ENDO Cleaning Pack                            | 6001 9125 |
| 1 x ROEKO Surgitip-endo (20pcs/pack)          |           |
| 1 x CanalPro NaOCL 3% (480ml)                 |           |
| 1 x ROEKO Canal Brush assort. S,M,L           |           |
| 1 x ROEKO Paperpoints Top Color assort. 15-40 |           |
| 1 x ROEKO Cotton Pellets, size 1 (10gr)       |           |
| 5 x CanalPro Slotted-End Tips, 27 ga          |           |
| 5 x CanalPro Color coded syringes (red)       |           |



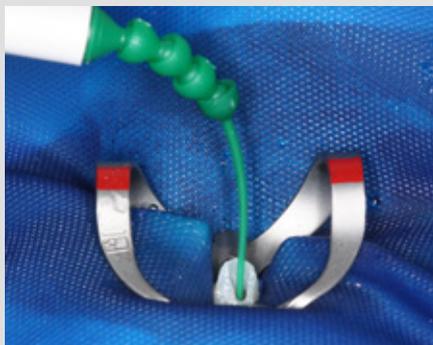
## Step 8 Drying



Following instrumentation and irrigation, the root canal system must be dried prior to placement of either the obturation material or an inter-appointment medication. The presence of residual irrigation solutions or fluid from the periapical tissues in the root canal system may prevent establishment of an adequate seal.



Surgitip-endo dries fast



Surgitip-endo visibility



Paper Points

Paper Points inserted into the canals to working length are traditionally used to dry the canals and are available in various sizes. Larger, thicker points can be used initially to absorb a majority of the fluid from the coronal and middle thirds of the canals. Points with smaller tips and less taper can then be used to finish the drying process. Complete drying of the canals can be verified when Paper Points are inserted into the canals to working length and no moisture appears on the tips of the Points.



## ROEKO Paper Points

- Sterile
- Highly absorbent
- No adhesives
- Firm yet flexible for easy application
- Length: ISO and conventional  $\geq 25$  mm
- Assorted or individual sizes

## ROEKO Paper Points Top color

- White tip, end colored
- Prevents mixing up of sizes
- Monitors the cleaning and drying of the root canal



| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 200 pcs |
| Assorted 15–40   | 344 596 |
| 15               | 344 515 |
| 20               | 344 520 |
| 25               | 344 525 |
| 30               | 344 530 |
| 35               | 344 535 |
| 40               | 344 540 |
| Size             | 120 pcs |
| Assorted 45–80   | 344 597 |
| 45               | 344 545 |
| 50               | 344 550 |
| 55               | 344 555 |
| 60               | 344 560 |
| 70               | 344 570 |
| 80               | 344 580 |
| Assorted 90–140  | 344 598 |
| 90               | 344 590 |
| 100              | 344 591 |
| 110              | 344 592 |
| 120              | 344 593 |
| 130              | 344 594 |
| 140              | 344 595 |

| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 500 pcs |
| Assorted 15–40   | 344 696 |
| 15               | 344 615 |
| 20               | 344 620 |
| 25               | 344 625 |
| 30               | 344 630 |
| 35               | 344 635 |
| 40               | 344 640 |
| Size             | 300 pcs |
| Assorted 45–80   | 344 697 |
| 45               | 344 645 |
| 50               | 344 650 |
| 55               | 344 655 |
| 60               | 344 660 |
| 70               | 344 670 |
| 80               | 344 680 |



### ROEKO Paper Points Top color



| (ISO)-Cellpack |         |
|----------------|---------|
| Size           | 180 pcs |
| Assorted 15–40 | 344 896 |
| 15             | 344 815 |
| 20             | 344 820 |
| 25             | 344 825 |
| 30             | 344 830 |
| 35             | 344 835 |
| 40             | 344 840 |

| (ISO)-Cellpack |         |
|----------------|---------|
| Size           | 180 pcs |
| Assorted 45–80 | 344 897 |
| 45             | 344 845 |
| 50             | 344 850 |
| 55             | 344 855 |
| 60             | 344 860 |
| 70             | 844 870 |
| 80             | 344 880 |

### ROEKO Paper Points color

- Prevents mixing up of sizes
- Color becomes deeper, when in contact with moisture
- Will turn white, when in contact with sodium hypochlorite or hydrogen peroxide



| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 200 pcs |
| Assorted 15–40   | 340 201 |
| 15               | 340 215 |
| 20               | 340 220 |
| 25               | 340 225 |
| 30               | 340 230 |
| 35               | 340 235 |
| 40               | 340 240 |
| Size             | 120 pcs |
| Assorted 45–80   | 340 202 |
| 45               | 340 245 |
| 50               | 340 250 |
| 55               | 340 255 |
| 60               | 340 260 |
| 70               | 340 270 |
| 80               | 340 280 |
| Assorted 90–140  | 340 204 |
| 90               | 340 290 |
| 100              | 340 210 |
| 110              | 340 211 |
| 120              | 340 212 |
| 130              | 340 213 |
| 140              | 340 214 |

| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 500 pcs |
| Assorted 15–40   | 341 596 |
| 15               | 341 515 |
| 20               | 341 520 |
| 25               | 341 525 |
| 30               | 341 530 |
| 35               | 341 535 |
| 40               | 341 540 |
| Size             | 300 pcs |
| Assorted 45–80   | 341 597 |
| 45               | 341 545 |
| 50               | 341 550 |
| 55               | 341 555 |
| 60               | 341 560 |
| 70               | 341 570 |
| 80               | 341 580 |



## ROEKO Paper Points white

- White points



- Monitors the cleaning and drying of the root canal

- Assorted or individual sizes

| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 200 pcs |
| Assorted 15–40   | 340 154 |
| 15               | 340 015 |
| 20               | 340 020 |
| 25               | 340 025 |
| 30               | 340 030 |
| 35               | 340 035 |
| 40               | 340 040 |
| Size             | 120 pcs |
| Assorted 45–80   | 340 458 |
| 45               | 340 045 |
| 50               | 340 050 |
| 55               | 340 055 |
| 60               | 340 060 |
| 70               | 340 070 |
| 80               | 340 080 |
| Assorted 90–140  | 340 914 |
| 90               | 340 090 |
| 100              | 340 100 |
| 110              | 340 110 |
| 120              | 340 120 |
| 130              | 340 130 |
| 140              | 340 140 |

| (ISO)-Drawer box |         |
|------------------|---------|
| Size             | 500 pcs |
| Assorted 15–40   | 341 154 |
| 15               | 341 015 |
| 20               | 341 020 |
| 25               | 341 025 |
| 30               | 341 030 |
| 35               | 341 035 |
| 40               | 341 040 |
| Size             | 300 pcs |
| Assorted 45–80   | 341 458 |
| 45               | 341 045 |
| 50               | 341 050 |
| 55               | 341 055 |
| 60               | 341 060 |
| 70               | 341 070 |
| 80               | 341 080 |

## ROEKO Paper Points conventional

- White points



- More tapered than ISO points, ideal for more conically-shaped root canals

- Assorted or individual sizes

| Drawer box      |         |         |
|-----------------|---------|---------|
| Size            | 200 pcs | 500 pcs |
| Assorted XXF-XL | 342 000 | 343 000 |
| XXF             | 342 001 | 343 001 |
| XF              | 342 002 | 343 002 |
| F               | 342 003 | 343 003 |
| M               | 342 004 | 343 004 |
| L               | 342 005 | 343 005 |
| XL              | 342 006 | 343 006 |

| Cellpack        |         |
|-----------------|---------|
| Size            | 180 pcs |
| Assorted XXF-XL | 346 000 |
| XXF             | 346 001 |
| XF              | 346 002 |
| F               | 346 003 |
| M               | 346 004 |
| L               | 346 005 |
| XL              | 346 006 |



## Step 8 Drying

### ROEKO Paper Points Greater Taper

- Length  $\geq 28$ mm
- Top Color coded
- The diameter of the tip corresponds to the ISO sizes
- Assorted or individual sizes
- Ideal for drying root canals which have been prepared with HyFlex CM files, GT Files, HERO, ProFile, Quantec etc.
- Available with a taper of 4% or 6%



|       | Drawer box<br>100 pcs |           |
|-------|-----------------------|-----------|
|       | 0.04                  | 0.06      |
| 15    | 6001 9011             | -         |
| 20    | 6001 9012             | 6001 9030 |
| 25    | 6001 9013             | 6001 9031 |
| 30    | 6001 9014             | 6001 9032 |
| 35    | 6001 9015             | 6001 9033 |
| 40    | 6001 9016             | 6001 9034 |
| 45    | 6001 9017             | 6001 9035 |
| 50    | 6001 9018             | -         |
| 60    | 6001 9019             | -         |
| 20-45 | 6001 9020             | 6001 9036 |

|       | Cellpack<br>112 pcs |           |
|-------|---------------------|-----------|
|       | 0.04                | 0.06      |
| 15    | 6001 9037           | -         |
| 20    | 6001 9038           | 6001 9047 |
| 25    | 6001 9039           | 6001 9048 |
| 30    | 6001 9040           | 6001 9049 |
| 35    | 6001 9041           | 6001 9050 |
| 40    | 6001 9042           | 6001 9051 |
| 45    | 6001 9043           | 6001 9052 |
| 50    | 6001 9044           | -         |
| 60    | 6001 9045           | -         |
| 20-45 | 6001 9046           | 6001 9053 |

### ROEKO Surgitip-micro

- Microsurgical aspirator tip
- Sterile, ready for use in peel packs
- Specially designed for use with microscope or loupe
- Green conical tip provides excellent contrast and unblocked field of vision



| Surgitip-micro 1,2mm tip opening |         |
|----------------------------------|---------|
| 20 pcs + 1 Double Adapter        | 462 012 |
| 100 pcs. + 5 Double Adapter      | 462 013 |



### ROEKO Surgitip-endo

- Endodontic aspirator tip for the root canal
- Specially designed tip for multi-directional flexibility
- Effective aspiration and good canal accessibility
- Canal Tip ISO 60, inner diameter 0.35 mm
- Manufactured in clean room to EN ISO 14644



#### Surgitip-endo

20 pcs + 1 Double Adapter

6001 8280

### ROEKO Adapter and Double Adapter

- Reliable aspiration independent of the used aspirating equipment
- For connecting Surgitip cannulas to 11 and 16 mm aspirating equipment
- Autoclavable and chemoclavable up to 134 °C



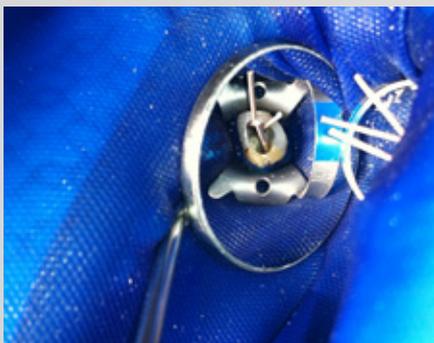
#### Adapter and Double Adapter

|   |      |         |
|---|------|---------|
| Double Adapter $\varnothing 6.5 > \varnothing 11 > \varnothing 16$ mm | 1 pc | 463 000 |
| Adapter $\varnothing 11 > \varnothing 16$ mm                          | 1 pc | 463 011 |
| Adapter $\varnothing 6.5 > \varnothing 11$ mm                         | 1 pc | 463 025 |

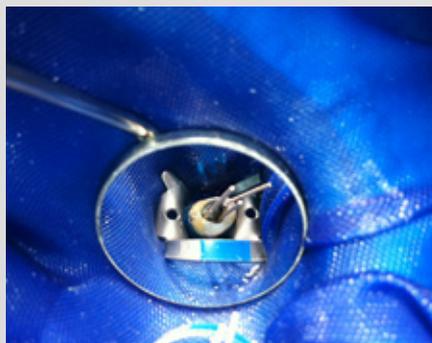


Microorganisms associated with endodontic infections may persist within the root canal system following chemomechanical debridement due to the microorganisms being resistant to endodontic irrigants and/or inaccessible to endodontic files. Placement of a medicament that can diffuse into irregularities of the root canal system and further disinfect the root canal space may increase the success of root canal treatment.

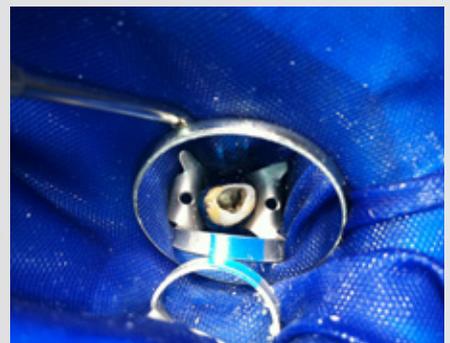
The most commonly used interappointment medicament is calcium hydroxide. One benefit of calcium hydroxide is that it can neutralize endotoxin. It is recommended that calcium hydroxide be left in a tooth for one week to one month to ensure disinfection and resolution of symptoms. In cases with a persistent periapical lesion or when symptoms do not resolve after placement of a standard calcium hydroxide product, use of calcium hydroxide mixed with chlorhexidine or iodine may be indicated.



Insertion of Points



Length is Adjusted



Working Field View of Points Placed

In order for an interappointment medicament to be effective, it must extend the full length of the canal. Following placement of calcium hydroxide, therefore, the clinician should take a radiograph to verify that the medicament has been delivered to working length. The placement of points is a reliable way to insure coverage of the complete root canal.



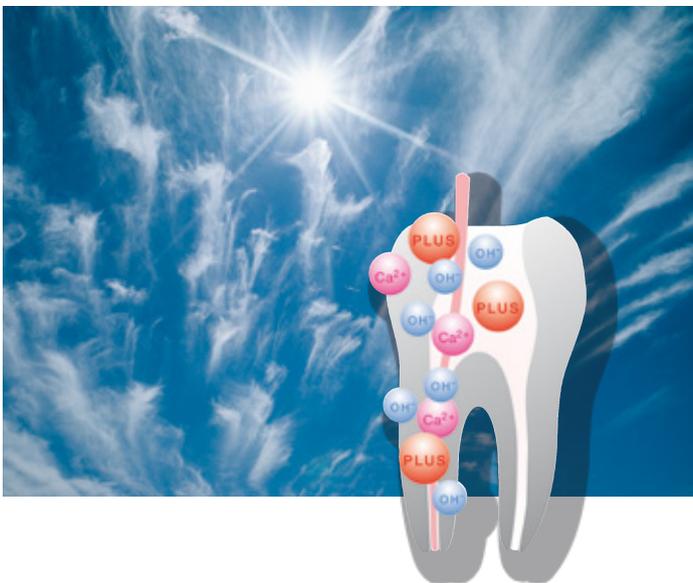
### ROEKO Calcium Hydroxide PLUS Points

- Excellent alternative to calcium hydroxide pastes
- Easy to use, practical and effective
- Ensure that  $\text{Ca}(\text{OH})_2$  is applied to working length
- Clean (no smearing around the access cavity during insertion)
- Time-saving – the points are ready to use
- No mixing, easy to apply and to remove
- Greater release of  $\text{Ca}(\text{OH})_2$ , more effective over longer period
- Safe
- Assorted or individual sizes



| (ISO)-Drawer box length $\geq 28$ mm |         |
|--------------------------------------|---------|
| Size                                 | 60 pcs  |
| Assorted 15–40                       | 366 896 |
| 15                                   | 366 815 |
| 20                                   | 366 820 |
| 25                                   | 366 825 |
| 30                                   | 366 830 |
| 35                                   | 366 835 |
| 40                                   | 366 840 |

| (ISO)-Drawer box length $\geq 28$ mm |         |
|--------------------------------------|---------|
| Size                                 | 60 pcs  |
| Assorted 45–80                       | 366 897 |
| 45                                   | 366 845 |
| 50                                   | 366 850 |
| 55                                   | 366 855 |
| 60                                   | 366 860 |
| 70                                   | 366 870 |
| 80                                   | 366 880 |





### ROEKO activ point Chlorhexidine Points

- For temporary root canal filling and prevention of reinfection
- Gutta-percha matrix with 5% chlorhexidine diacetate
- Easy to apply and easy to remove
- Radiopaque
- Chlorhexidine is known to be highly effective against bacteria and many other organisms, yeasts and fungi, even in low concentrations
- Provides a means for applying chlorhexidine directly into the root canal
- Assorted or individual sizes



| (ISO)-Drawer box length $\geq$ 28 mm |         |
|--------------------------------------|---------|
| Size                                 | 60 pcs  |
| Assorted 15–40                       | 367 296 |
| 15                                   | 367 215 |
| 20                                   | 367 220 |
| 25                                   | 367 225 |
| 30                                   | 367 230 |
| 35                                   | 367 235 |
| 40                                   | 367 240 |

| (ISO)-Drawer box length $\geq$ 28 mm |         |
|--------------------------------------|---------|
| Size                                 | 60 pcs  |
| Assorted 45–80                       | 367 297 |
| 45                                   | 367 245 |
| 50                                   | 367 250 |
| 55                                   | 367 255 |
| 60                                   | 367 260 |
| 70                                   | 367 270 |
| 80                                   | 367 280 |

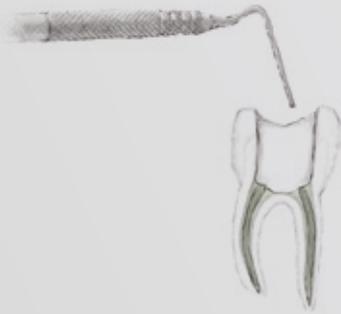
Temporary  
restoration

Endodontie

Obturation



## Step 10 Temporary restoration



A temporary restoration is placed to seal the root canal system coronally following completion of root canal therapy when the definitive restoration cannot be placed immediately or between treatment appointments when multiple visits will be required. In order to adequately seal the root canal system and prevent contamination from oral fluids, the temporary restoration should be placed to a thickness of at least 4–5 mm.

Because a temporary restoration will be subjected to masticatory forces, the ideal material should maintain its structural integrity when exposed to normal chewing forces. In addition, the material should have a smooth texture so as not to irritate the tongue or cheek.



Placing DuoTEMP



Condensing DuoTEMP



Final temporary restoration

In cases when a resin material will be placed as the definitive restoration, the clinician should use caution when choosing a temporary restorative material. Materials that contain eugenol can affect the bond of resin and therefore should not be used when a composite will be used to definitively restore the tooth.



### Coltosol® F

- Temporary filling material
- No light curing needed
- Sets with saliva for perfect marginal seal
- Eugenol-free, so it won't affect final cementation
- Radiopaque
- Creamy consistency for easy adaptation in the cavity
- No mixing and waste of material
- Easy removal in large portions
- Ideal surface hardness for posterior provisional fillings



| Coltosol F  |          |      |
|-------------|----------|------|
| Single Pack |          | 5906 |
| In jar      | 38 g     |      |
| Eco Pack    |          | 5911 |
| In jar      | 3 × 38 g |      |
| Syringes    | 5 × 8 g  | 5930 |

### DuoTEMP®

- Dual-cured temporary filling material, eugenol-free and radiopaque for temporary fillings.



| DuoTEMP  |         |      |
|----------|---------|------|
| Syringe  | 5 g     | 5831 |
| Syringes | 5 × 5 g | 7090 |



## Step 11 Obturation



Obturation of the root canal system can be completed once debridement and disinfection have been performed. The goal of obturation is to fill the canal space in three dimensions and provide a coronal, lateral, and apical seal. Cold-filling systems provide better adaptation to the complexity of the root canal.

Gutta-percha is the most widely-used obturation material. It has the benefits of being biocompatible, radiopaque and easy to manipulate. Various obturation techniques with gutta-percha are currently practiced including, warm vertical compaction and lateral compaction. Since many root canal systems are quite complex, use of a cold filling system minimize the risk of voids due to shrinkage.



Finished Prepared Canals



Canals with Master Gutta-Percha Points

If the definitive restoration is not placed as soon as possible following obturation of the root canal system, there is a risk for coronal leakage despite sealing the endodontic access with a temporary restorative material. A 1mm – to 2mm – thick layer of flowable composite or glass ionomer placed over the canal orifices and into the pulp chamber can establish a coronal seal to minimize the risk for leakage.



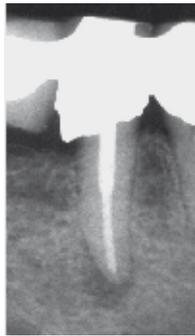
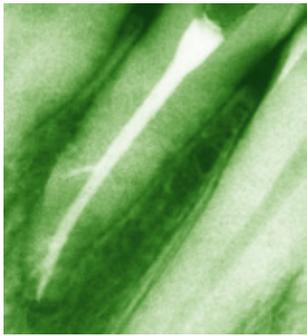
# roeko GuttaFlow<sup>®</sup> 2



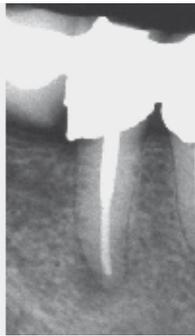


### RoekoSeal – Making Progress in Endodontics

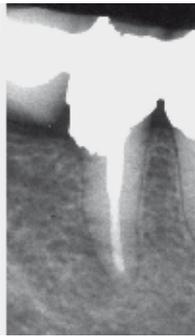
RoekoSeal is an exceptional root canal sealer. Its chemical and physical properties fulfill all the requirements of a root canal sealer. RoekoSeal combines exceptional material properties such as excellent flowability, no shrinkage and biocompatibility with practical handling. There is no risk of incorrect mixing. RoekoSeal provides an excellent seal and sets new standards in quality and biocompatibility in endodontics. RoekoSeal flows so well that the root canal and lateral canals are filled effectively. Cell tests, tests for mutagenic effects and sensibilization tests all showed negative results. .



obturation



3 months



12 months

**RoekoSeal Automix/Single Dose**  
Working time: up to 30 min  
Curing time: 45 – 50 min

**Clinical Tests**  
The results of the clinical study demonstrate clearly that the periapical periodontitis has healed well and show the clinical success of RoekoSeal. The study was published in Journal of Endodontics, 2003 Apr; 36(4): 296-301

### RoekoSeal Automix

- Ready-to-use
- Dispenses just the quantity required
- Homogeneously and hygienically mixed and free of air bubbles
- Easy to use



| Automix  |         |
|--|---------|
| Set  | 349 100 |
| Dual-barrel syringe 1 pc; Mixing tips 12 pcs; Mixing pad, 1 pc |         |
| Refill pack  |         |
| Mixing tips, 24 pcs  | 349 105 |
| Refill pack  |         |
| Dual-barrel syringe, 1 pc                                      | 349 102 |

### RoekoSeal Single Dose

- Individual portions
- Hygienic
- Easy to use
- Perfect for pre-appointment set-up
- Sufficient material to treat one multi-rooted tooth



| Single Dose   |         |
|---|---------|
| Blister packs 40 pcs; Mixing pad, 1 pc; Spatula, 1 pc | 349 103 |



## GuttaFlow® 2 – Expansion meets Adhesion. The new GuttaFlow® - generation

GuttaFlow 2 is a novel filling system for root canals that combines two products in one: gutta-percha in powder form with a particle size of less than 30 µm, and sealer. This new filling system works with cold free-flow gutta-percha.

GuttaFlow 2 is an advancement of the existing GuttaFlow material in capsules and has the same excellent material properties:

- Two in One – combines sealer and gutta-percha
- Excellent flow properties
- Solubility is virtually zero
- Tight seal of the root canal
- Biocompatible
- Optimum protection against re-infection
- Excellent radiopacity
- Allows for precise post preparation

GuttaFlow 2 shows a slight expansion and adheres very well to the master Guttapercha Point as well as to dentin. No condensation is necessary.

New application form: GuttaFlow 2 is available in a 5 ml automix syringe:

- Syringe guarantees easy handling, dispenses just the quantity required and mixes the material homogeneously, hygienically and free of air bubbles
- Working time: 10 – 15 min
- Curing time: 25 – 30 min
- The use of any additional sealer is not required

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### GuttaFlow® 2

- Working time: 10 – 15 min
  - Curing time: 25 – 30 min
- 

### GuttaFlow® 2 FAST

GuttaFlow 2 FAST reduces chair time

- Working time: 4 – 5 min
- Curing time: 8 – 10 min





## ROEKO GuttaFlow® 2



### Syringe - GuttaFlow 2

|   |        |           |
|---|--------|-----------|
| ROEKO GuttaFlow® 2 Standard Set             |        | 6001 3701 |
| Dual-barrel syringe (5 ml)                  | 1 pc   |           |
| Mixing tips                                 | 12 pcs |           |
| Mixing pad                                  | 1 pc   |           |
| GuttaFlow 2 Refill pack dual-barrel syringe |        | 6001 3745 |
| Dual-barrel syringe (5 ml)                  | 1 pc   |           |
| GuttaFlow 2 Refill pack mixing tips         |        | 6001 3719 |
| Mixing tips                                 | 24 pcs |           |

### Capsules - GuttaFlow 2 Introkit

|   |         |           |
|---|---------|-----------|
| GuttaFlow 2 Introkit                        |         | 6001 3702 |
| Capsules GuttaFlow 2                        | 20 pcs  |           |
| Canal Tips + Stops                          | 20 pcs  |           |
| Adapters for RotoMix™*                      | 3 pcs   |           |
| Dispenser                                   | 1 pc    |           |
| Guttapercha points Top Color ISO 15-40      | 100 pcs |           |
| Guttapercha points Greater Taper 0.04 20-45 | 60 pcs  |           |



### Refill packs capsules and accessories

|                           |        |           |
|---------------------------|--------|-----------|
| Capsules GuttaFlow 2      | 20 pcs | 6001 3704 |
| Canal Tips + Stops        | 20 pcs |           |
| Capsules GuttaFlow 2 FAST | 20 pcs | 6001 3706 |
| Canal Tips + Stops        | 20 pcs |           |
| GuttaFlow 2 Dispenser     | 1 pc   | 6001 3707 |
| Canal Tips + Stops        | 20 pcs | 349 132   |
| Combi Tips + Stops        | 20 pcs | 349 134   |
| Adapters for RotoMix™*    | 3 pcs  | 349 133   |

\* RotoMix™ ist not a trademark of Coltène/Whaledent



## ROEKO Guttapercha Points Top color

- Pink tip, end colored
- Prevents mixing up of sizes
- Assorted or individual sizes



| (ISO)-Drawer box length: ≥ 28 mm |         |
|----------------------------------|---------|
| Size                             | 100 pcs |
| Assorted 15–40                   | 365 196 |
| 15                               | 365 115 |
| 20                               | 365 120 |
| 25                               | 365 125 |
| 30                               | 365 130 |
| 35                               | 365 135 |
| 40                               | 365 140 |
| Assorted 45–80                   | 365 197 |
| 45                               | 365 145 |
| 50                               | 365 150 |
| 55                               | 365 155 |
| 60                               | 365 160 |
| 70                               | 365 170 |
| 80                               | 365 180 |
| Assorted 90–140                  | 365 198 |
| 90                               | 365 190 |
| 100                              | 365 191 |
| 110                              | 365 192 |
| 120                              | 365 193 |
| 130                              | 365 194 |
| 140                              | 365 195 |

| (ISO)-6 Tubes length: ≥ 28 mm |         |
|-------------------------------|---------|
| Size                          | 100 pcs |
| Assorted 15–40                | 365 396 |
| 15                            | 365 315 |
| 20                            | 365 320 |
| 25                            | 365 325 |
| 30                            | 365 330 |
| 35                            | 365 335 |
| 40                            | 365 340 |
| Assorted 45–80                | 365 397 |
| 45                            | 365 345 |
| 50                            | 365 350 |
| 55                            | 365 355 |
| 60                            | 365 360 |
| 70                            | 365 370 |
| 80                            | 365 380 |



### ROEKO Guttapercha Points color

- Color coded
- Prevents mixing up of sizes
- Assorted or individual sizes



| (ISO)-Drawer box length: ≥ 28 mm |         |
|----------------------------------|---------|
| Size                             | 100 pcs |
| Assorted 15–40                   | 362 154 |
| 15                               | 362 015 |
| 20                               | 362 020 |
| 25                               | 362 025 |
| 30                               | 362 030 |
| 35                               | 362 035 |
| 40                               | 362 040 |

| (ISO)-Drawer box length: ≥ 28 mm |         |
|----------------------------------|---------|
| Size                             | 100 pcs |
| Assorted 15–40                   | 362 458 |
| 45                               | 362 045 |
| 50                               | 362 050 |
| 55                               | 362 055 |
| 60                               | 362 060 |
| 70                               | 362 070 |
| 80                               | 362 080 |

### ROEKO Guttapercha Points



| (ISO)-Drawer box length: ≥ 28 mm |         |
|----------------------------------|---------|
| Size                             | 100 pcs |
| Assorted 15–40                   | 360 154 |
| 15                               | 360 015 |
| 20                               | 360 020 |
| 25                               | 360 025 |
| 30                               | 360 030 |
| 35                               | 360 035 |
| 40                               | 360 040 |
| Assorted 45–80                   | 360 458 |
| 45                               | 360 045 |
| 50                               | 360 050 |
| 55                               | 360 055 |
| 60                               | 360 060 |
| 70                               | 360 070 |
| 80                               | 360 080 |
| Assorted 90–140                  | 360 914 |
| 90                               | 360 090 |
| 100                              | 360 100 |
| 110                              | 360 110 |
| 120                              | 360 120 |
| 130                              | 360 130 |
| 140                              | 360 140 |

| (ISO)-6 Tubes length: ≥ 28 mm |         |
|-------------------------------|---------|
| Size                          | 100 pcs |
| Assorted 15–40                | 361 154 |
| 15                            | 361 015 |
| 20                            | 361 020 |
| 25                            | 361 025 |
| 30                            | 361 030 |
| 35                            | 361 035 |
| 40                            | 361 040 |
| Assorted 45–80                | 361 458 |
| 45                            | 361 045 |
| 50                            | 361 050 |
| 55                            | 361 055 |
| 60                            | 361 060 |
| 70                            | 361 070 |
| 80                            | 361 080 |



### ROEKO Guttapercha Points conventional

- Suitable for use as accessory points for condensation techniques
- More tapered



| Drawer box length: ≥ 28 mm |         |
|----------------------------|---------|
| Size                       | 100 pcs |
| Assorted XF-L (without FF) | 364 018 |
| F+M                        | 364 019 |
| XXF                        | 364 009 |
| XF                         | 364 010 |
| FF                         | 364 011 |

| Drawer box length: ≥ 28 mm |         |
|----------------------------|---------|
| Size                       | 100 pcs |
| MF                         | 364 012 |
| F                          | 364 013 |
| FM                         | 364 014 |
| M                          | 364 015 |
| L                          | 364 017 |

### ROEKO Guttapercha Points Greater Taper

- Ideal for obturating root canals which have been prepared with HyFlex CM files, GT Files, HERO, ProFile, Quantec etc.
- The diameter at the tip corresponds to the ISO sizes
- Available with a taper of 4% or 6%
- Assorted or individual sizes



| Drawer box 60 pcs, length: ≥ 28 mm |         |         |
|------------------------------------|---------|---------|
| Size                               | 0.04    | 0.06    |
| Assorted 20–45                     | 361 746 | 361 846 |
| 20                                 | 361 720 | 361 820 |
| 25                                 | 361 725 | 361 825 |
| 30                                 | 361 730 | 361 830 |
| 35                                 | 361 735 | 361 835 |
| 40                                 | 361 740 | 361 840 |
| 45                                 | 361 745 | 361 845 |



### ROEKO Spreader NiTi

- For lateral condensation
- Made from nickel titanium
- Memory effect, so that they return to their original shape
- Flexible
- Very light instruments for less fatigue
- Rings on handle indicate size to allow for easy identification



| Spreader NiTi  |       |         |
|----------------|-------|---------|
| Size           | pcs   |         |
| Assorted 15–35 | 3 pcs | 386 009 |
| 15             | 1 pc  | 386 015 |
| 25             | 1 pc  | 386 025 |
| 35             | 1 pc  | 386 035 |

### ROEKO Spreader

- For lateral condensation
- Stainless steel
- Rings on handle indicate size to allow for easy identification



| Spreader       |       |         |
|----------------|-------|---------|
| Size           | pcs   |         |
| Assorted 20–50 | 4 pcs | 386 000 |
| 20             | 1 pc  | 386 002 |
| 30             | 1 pc  | 386 003 |
| 40             | 1 pc  | 386 004 |
| 50             | 1 pc  | 386 005 |

### ROEKO Plugger

- For vertical condensation
- Stainless steel
- mm length gradation on tips
- Rings on handle indicate size to allow for easy identification



| Plugger             |       |         |
|---------------------|-------|---------|
| Size                | pcs   |         |
| Assorted 0.6–1.2 mm | 4 pcs | 386 100 |
| 0.6 mm              | 1 pc  | 386 106 |
| 0.8 mm              | 1 pc  | 386 108 |
| 1.0 mm              | 1 pc  | 386 110 |
| 1.2 mm              | 1 pc  | 386 112 |

# Endodontics

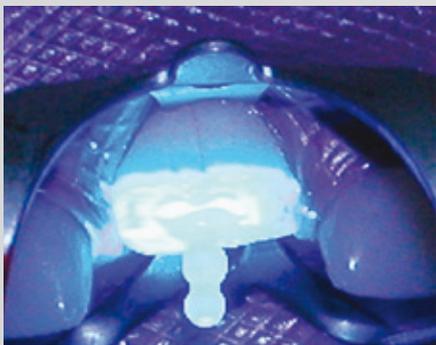
## Definite restoration



Placement of a definitive restoration that seals the tooth coronally is critical for the long-term success of root canal treatment. Lack of a fluid-tight seal will result in bacterial contamination of the obturated root canal system and ultimate failure of the case. In addition to sealing the tooth coronally, the definitive restoration should reinforce the remaining tooth structure to prevent fracture and replace lost tooth structure to return the tooth to full function.

prevent fracture and replace lost tooth structure to return the tooth to full function.

As a general rule, endodontically-treated posterior teeth should be restored with a core restoration and crown. When a significant amount of coronal tooth structure has been lost, a post that extends approximately two-thirds the length of the root may be indicated to provide retention for the core restoration. Posts serve the sole function of providing retention for the core material.



ParaPost FiberLux is seated in post space and cement is light-cured (if using a light-curing cement).



Core build-up using ParaCore and ParaForm Core former.



Final post and core build-up.

The choice of post material is often based on functional and esthetic demands of the tooth being restored in addition to the amount of remaining tooth structure and clinician preference.

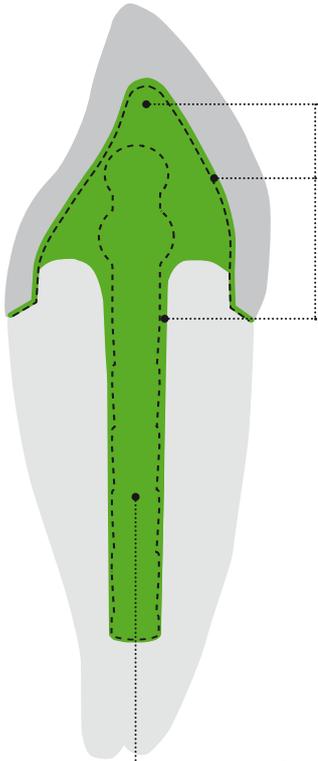


# ParaPost®





## One complete system for the direct and indirect technique using active and passive root canal posts



### ParaCore® 5 ml

One material for 3 indications.

Dual cure composite cement for cementation and core build ups.

ParaCore 5 ml is approved for the following 3 key indications:

- crown & bridge cementation
- core build ups
- post cementation

Use of one material for cementation and core build ups provides an optimal "monoblock bond interface" between the post-cement-dentin-crown, resulting in a cohesive restoration with outstanding durability and strength.

### ParaPost® XT™ Threaded, Titanium Alloy Post

Threaded, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment. Ideal for glass-ionomer/composite core build-ups which require more retention and more safety.

### ParaPost® XH™ Passive, Titanium Alloy Post

Passive cemented, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment. Ideal for glass-ionomer/composite core build-ups which require the safety of a passive post.

### ParaPost® Fiber White/Fiber Lux/Taper Lux

ParaPost® Fiber White, Fiber Lux and Taper Lux are great alternatives to metal posts for esthetic, metal-free restorations.

### ParaPost® XP™ Passive, Titanium Alloy or Stainless Steel Post

Passive cemented, parallel-sided post with flat head for direct post/core build-ups in one appointment. Ideal for multi-rooted post/core build-ups.

### ParaPost® XP™ Casting Components

Passive cemented, parallel-sided, prefabricated casting components for the direct/indirect casting technique. Ideal for clinical situations requiring the additional strength of a precision, one-piece cast post/core and choice of alloy.

### ParaPost® XP™ Gold Posts

Passive cemented, parallel-sided gold posts for the direct/indirect casting technique. Ideal for cast post/cores that require the most precise fit and optimum resistance to oblique forces.

Active



Passive



Passive



Passive



Passive



Passive





### ParaPost® X™ System

- A complete family of posts for any clinical situation
- State-of-the-art universal endodontic post system for all direct and casting techniques.
- Standardized system with seven sizes including two intermediate sizes
- Non-end cutting, depth-calibrated drills for precise canal preparation
- Diamond pattern design, multiple venting channels

### ParaPost® XT™

- Titanium alloy post
- Threaded, parallel-sided post with rounded, undercut head for direct post/core restoration in one appointment
- Ideal for glass-ionomer/composite core restorations which require more retention and more safety
- Active



| Introductory Kit                                 |           |        |        |
|--|-----------|--------|--------|
| One-Office-Visit Technique; Titanium Alloy Posts |           |        | P 680T |
| Size   |           |        | pcs    |
| 3  | ø 0.90 mm | Brown  | 3 pcs  |
| 4  | ø 1.00 mm | Yellow | 5 pcs  |
| 4.5  | ø 1.14 mm | Blue   | 5 pcs  |
| 5  | ø 1.25 mm | Red    | 5 pcs  |
| 5.5  | ø 1.40 mm | Purple | 4 pcs  |
| 6  | ø 1.50 mm | Black  | 3 pcs  |
| ParaPost XT Drills                               |           |        | 6 pcs  |
| Universal Hand Driver                            |           |        | 1 pc   |
| Metal Wrench A for size 3, 4, 4.5                |           |        | 1 pc   |
| Metal Wrench B for size 5, 5.5, 6                |           |        | 1 pc   |

| Metal Wrenches               |       |       |
|------------------------------|-------|-------|
| Wrench A for sizes 3, 4, 4.5 | 1 pc  | L 594 |
| Wrench B for sizes 5, 5.5, 6 | 1 pc  | L 595 |
| Wrench A+B                   | 2 pcs | L 596 |

| Universal Hand Driver |            |
|-----------------------|------------|
|                       | 1 pc L 590 |

| Titanium Alloy Posts Refill |           |        |         |          |
|-----------------------------|-----------|--------|---------|----------|
| Size                        |           |        | 10 pcs  | 25 pcs   |
| 3                           | ø 0.90 mm | Brown  | P 683 0 | P 683 0B |
| 4                           | ø 1.00 mm | Yellow | P 684 0 | P 684 0B |
| 4.5                         | ø 1.14 mm | Blue   | P 684 5 | P 684 5B |
| 5                           | ø 1.25 mm | Red    | P 685 0 | P 685 0B |
| 5.5                         | ø 1.40 mm | Purple | P 685 5 | P 685 5B |
| 6                           | ø 1.50 mm | Black  | P 686 0 | P 686 0B |



## Step 12 Definite restoration

### Drills Refill three-fluted

| Size                            |           |        | 3 pcs   |
|---------------------------------|-----------|--------|---------|
| 3                               | ø 0.90 mm | Brown  | P 623 0 |
| 4                               | ø 1.00 mm | Yellow | P 624 0 |
| 4.5                             | ø 1.14 mm | Blue   | P 624 5 |
| 5                               | ø 1.25 mm | Red    | P 625 0 |
| 5.5                             | ø 1.40 mm | Purple | P 625 5 |
| 6                               | ø 1.50 mm | Black  | P 626 0 |
| Assorted 3–6 (one of each size) |           |        | P 682 A |

### ParaPost® XH™

- Titanium alloy post

- Passive cemented, parallel-sided post with rounded, undercut head for direct post/core build-ups in one appointment
- Ideal for glass ionomer/composite core build-ups which require the safety of a passive post



### Introductory Kit

| One-Office-Visit Technique; Titanium Alloy Posts |           |        | P 880 |
|--|-----------|--------|-------|
| Size   |           |        | pcs   |
| 3  | ø 0.90 mm | Brown  | 4 pcs |
| 4  | ø 1.00 mm | Yellow | 5 pcs |
| 4.5  | ø 1.14 mm | Blue   | 5 pcs |
| 5  | ø 1.25 mm | Red    | 5 pcs |
| 5.5  | ø 1.40 mm | Purple | 2 pcs |
| 6  | ø 1.50 mm | Black  | 2 pcs |
| 7  | ø 1.75 mm | Green  | 2 pcs |
| ParaPost X Drills (one of each size)             |           |        | 7 pcs |
| Universal Hand Driver                            |           |        | 1 pc  |

### Titanium Alloy Posts Refill

| Size |           |        | 12 pcs    |
|------|-----------|--------|-----------|
| 3    | ø 0.90 mm | Brown  | EP 88 3   |
| 4    | ø 1.00 mm | Yellow | EP 88 4   |
| 4.5  | ø 1.14 mm | Blue   | EP 88 4.5 |
| 5    | ø 1.25 mm | Red    | EP 88 5   |
| 5.5  | ø 1.40 mm | Purple | EP 88 5.5 |
| 6    | ø 1.50 mm | Black  | EP 88 6   |
| 7    | ø 1.75 mm | Green  | EP 88 7   |





**ParaPost® XP™**

- Titanium Alloy or Stainless Steel Posts
- Passive cemented, parallel-sided post with flat head for direct post/core build-ups in one appointment
- Ideal for multi-rooted core restorations

**Casting Components:**

- Passive cemented, parallel-sided, pre-fabricated casting components for the direct/indirect casting technique
- Ideal for clinical situations requiring the additional strength of a precision one-piece casting post and choice of alloy.

**Gold Posts:**

- Passive cemented, parallel-sided gold posts for the direct/indirect casting technique.
- Casting posts ensure the most precise fit and optimum resistance to oblique forces.



| System Introductory Kit                           |           |        |  |        |
|---|-----------|--------|--|--------|
| One-Office-Visit Technique; Stainless Steel Posts |           |        |  | P 780  |
| One-Appointment Technique; Titanium Alloy Posts   |           |        |  | P 780T |
| Size  |           |        |  | pcs    |
| 3   | ø 0.90 mm | Brown  |  | 4 pcs  |
| 4   | ø 1.00 mm | Yellow |  | 5 pcs  |
| 4.5   | ø 1.14 mm | Blue   |  | 5 pcs  |
| 5   | ø 1.25 mm | Red    |  | 5 pcs  |
| 5.5   | ø 1.40 mm | Purple |  | 2 pcs  |
| 6   | ø 1.50 mm | Black  |  | 2 pcs  |
| 7   | ø 1.75 mm | Green  |  | 2 pcs  |
| ParaPost X Drills (one of each size)              |           |        |  | 7 pcs  |
| Universal Hand Driver                             |           |        |  | 1 pc   |

| Stainless Steel Posts Refill |           |        |  |            |             |
|------------------------------|-----------|--------|--|------------|-------------|
| Size                         |           |        |  | 12 pcs     | 25 pcs      |
| 3                            | ø 0.90 mm | Brown  |  | EP 744 3   | EP 744 3B   |
| 4                            | ø 1.00 mm | Yellow |  | EP 744 4   | EP 744 4B   |
| 4.5                          | ø 1.14 mm | Blue   |  | EP 744 4.5 | –           |
| 5                            | ø 1.25 mm | Red    |  | EP 744 5   | EP 744 5B   |
| 5.5                          | ø 1.40 mm | Purple |  | EP 744 5.5 | EP 744 5.5B |
| 6                            | ø 1.50 mm | Black  |  | EP 744 6   | –           |
| 7                            | ø 1.75 mm | Green  |  | EP 744 7   | EP 744 7B   |

| Titanium Alloy Posts Refill |           |        |  |            |  |
|-----------------------------|-----------|--------|--|------------|--|
| Size                        |           |        |  | 12 pcs     |  |
| 3                           | ø 0.90 mm | Brown  |  | EP 784 3   |  |
| 4                           | ø 1.00 mm | Yellow |  | EP 784 4   |  |
| 4.5                         | ø 1.14 mm | Blue   |  | EP 784 4.5 |  |
| 5                           | ø 1.25 mm | Red    |  | EP 784 5   |  |
| 5.5                         | ø 1.40 mm | Purple |  | EP 784 5.5 |  |
| 6                           | ø 1.50 mm | Black  |  | EP 784 6   |  |



## ParaPost® XP™ System Introductory Kit



### System Introductory Kit

|                                      |        |       |
|--------------------------------------|--------|-------|
| Casting Technique                    |        | P 781 |
| Impression Posts (Size 3–7)          | 25 pcs |       |
| Temporary Posts (Size 3–7)           | 25 pcs |       |
| Burnout Posts (Size 3–7)             | 25 pcs |       |
| ParaPost X Drills (one of each size) | 7 pc   |       |

### Plastic Impression Posts Refill

| Size |           |        | 20 pcs    |
|------|-----------|--------|-----------|
| 3    | ø 0.90 mm | Brown  | P 743 3   |
| 4    | ø 1.00 mm | Yellow | P 743 4   |
| 4.5  | ø 1.14 mm | Blue   | P 743 4.5 |
| 5    | ø 1.25 mm | Red    | P 743 5   |
| 5.5  | ø 1.40 mm | Purple | P 743 5.5 |
| 6    | ø 1.50 mm | Black  | P 743 6   |
| 7    | ø 1.75 mm | Green  | P 743 7   |

### Titanium Temporary Posts Refill

| Size |           |        | 20 pcs    |
|------|-----------|--------|-----------|
| 3    | ø 0.90 mm | Brown  | P 746 3   |
| 4    | ø 1.00 mm | Yellow | P 746 4   |
| 4.5  | ø 1.14 mm | Blue   | P 746 4.5 |
| 5    | ø 1.25 mm | Red    | P 746 5   |
| 5.5  | ø 1.40 mm | Purple | P 746 5.5 |
| 6    | ø 1.50 mm | Black  | P 746 6   |
| 7    | ø 1.75 mm | Green  | P 746 7   |

### Plastic Lab Burnout Posts Refill

| Size |           |        | 10 pcs    | 25 pcs     | 100 pcs    |
|------|-----------|--------|-----------|------------|------------|
| 3    | ø 0.90 mm | Brown  | P 751 3   | P 751 3B   | P 751 3E   |
| 4    | ø 1.00 mm | Yellow | P 751 4   | P 751 4B   | P 751 4E   |
| 4.5  | ø 1.14 mm | Blue   | P 751 4.5 | P 751 4.5B | P 751 4.5E |
| 5    | ø 1.25 mm | Red    | P 751 5   | P 751 5B   | P 751 5E   |
| 5.5  | ø 1.40 mm | Purple | P 751 5.5 | P 751 5.5B | P 751 5.5E |
| 6    | ø 1.50 mm | Black  | P 751 6   | P 751 6B   | P 751 6E   |
| 7    | ø 1.75 mm | Green  | P 751 7   | P 751 7B   | P 751 7E   |



## ParaPost® XP™ Gold Posts Refill

- Casting Technique



### No-Ox-Alloy Gold Posts Refill

| Size |           |        | 1 pc      | 5 pcs      |
|------|-----------|--------|-----------|------------|
| 3    | ø 0.90 mm | Brown  | P 752 3   | P 752 3B   |
| 4    | ø 1.00 mm | Yellow | P 752 4   | P 752 4B   |
| 4.5  | ø 1.14 mm | Blue   | P 752 4.5 | P 752 4.5B |
| 5    | ø 1.25 mm | Red    | P 752 5   | P 752 5B   |
| 5.5  | ø 1.40 mm | Purple | P 752 5.5 | P 752 5.5B |
| 6    | ø 1.50 mm | Black  | P 752 6   | P 752 6B   |
| 7    | ø 1.75 mm | Green  | P 752 7   | P 752 7B   |

### G-Alloy Gold Posts Refill

| Size |           |        | 1 pc      | 5 pcs      |
|------|-----------|--------|-----------|------------|
| 3    | ø 0.90 mm | Brown  | P 754 3   | P 754 3B   |
| 4    | ø 1.00 mm | Yellow | P 754 4   | P 754 4B   |
| 4.5  | ø 1.14 mm | Blue   | P 754 4.5 | P 754 4.5B |
| 5    | ø 1.25 mm | Red    | P 754 5   | P 754 5B   |
| 5.5  | ø 1.40 mm | Purple | P 754 5.5 | P 754 5.5B |
| 6    | ø 1.50 mm | Black  | P 754 6   | P 754 6B   |
| 7    | ø 1.75 mm | Green  | P 754 7   | P 754 7B   |



### Drills Refill two-fluted Compatible with all ParaPost X System Posts

| Size                            |           |        |       | 3 pcs    |
|---------------------------------|-----------|--------|-------|----------|
| 3                               | ø 0.90 mm | Brown  |       | P 42 3   |
| 4                               | ø 1.00 mm | Yellow |       | P 42 4   |
| 4.5                             | ø 1.14 mm | Blue   |       | P 42 4.5 |
| 5                               | ø 1.25 mm | Red    |       | P 42 5   |
| 5.5                             | ø 1.40 mm | Purple |       | P 42 5.5 |
| 6                               | ø 1.50 mm | Black  |       | P 42 6   |
| 7                               | ø 1.75 mm | Green  |       | P 42 7   |
| Assorted 3–6 (one of each size) |           |        | 6 pcs | P 42 A   |

## ParaPost® System Sterilizable Organizer



### System Sterilizable Organizer empty

|  |  |  |      |        |
|--|--|--|------|--------|
|  |  |  | 1 pc | P 69 1 |
|--|--|--|------|--------|



### ParaPost® Fiber White / Fiber Lux / Taper Lux

- Great alternatives to metal posts for esthetic, metal-free restorations

**Fiber White:** Chemical Bond between Fiber White and core composite material.

**Fiber Lux:** Translucency enables use of light-cured cements and core materials. Parallel design.

**Taper Lux:** Tapered design for narrow root canals. Translucent for light-cured cements and core materials.



| Fiber White Introductory Kit                    |     |           |              |
|---|-----|-----------|--------------|
| One-Office-Visit Technique                      |     |           | PF 160       |
| Metal-free Posts                                |     |           |              |
| Posts / Drill                                   | 4.5 | ø 1.14 mm | 3 pcs / 1 pc |
| Posts / Drill                                   | 5   | ø 1.25 mm | 3 pcs / 1 pc |
| Posts   | 5.5 | ø 1.40 mm | 2 pcs        |
| Posts / Drill                                   | 6   | ø 1.50 mm | 2 pcs / 1 pc |
| Universal Hand Driver                           |     |           | 1 pc         |
| – compatible with ParaPost Drills (P 42 3 to 7) |     |           |              |

| Fiber White Refill One-Office-Visit Technique; Metal-free Posts |            |
|---|------------|
| Size  | 5 pcs      |
| 3   | PF 161 3   |
| 4.5   | PF 161 4.5 |
| 5   | PF 161 5   |
| 5.5   | PF 161 5.5 |
| 6   | PF 161 6   |



| Fiber Lux Introductory Kit                       |     |           |              |
|--|-----|-----------|--------------|
| One-Office-Visit Technique                       |     |           | PF 170       |
| Metal-free Posts                                 |     |           |              |
| Posts / Drill                                    | 3   | ø 0.90 mm | 2 pcs / 1 pc |
| Posts / Drill                                    | 4   | ø 1.00 mm | 3 pcs / 1 pc |
| Posts / Drill                                    | 4.5 | ø 1.14 mm | 3 pcs / 1 pc |
| Posts / Drill                                    | 5   | ø 1.25 mm | 3 pcs / 1 pc |
| Posts / Drill                                    | 5.5 | ø 1.40 mm | 2 pcs / 1 pc |
| Posts / Drill                                    | 6   | ø 1.50 mm | 2 pcs / 1 pc |
| Universal Hand Driver                            |     |           | 1 pc         |
| – compatible with ParaPost® Drills (P 42 3 to 7) |     |           |              |

| Fiber Lux Refill One-Office-Visit Technique; Metal-free Posts |            |
|---|------------|
| Size  | 5 pcs      |
| 3   | PF 171 3   |
| 4   | PF 171 4   |
| 4.5   | PF 171 4.5 |
| 5   | PF 171 5   |
| 5.5   | PF 171 5.5 |
| 6   | PF 171 6   |



## ParaPost® Taper Lux



### Taper Lux Introductory Kit

|  |     |           |              |        |
|--|-----|-----------|--------------|--------|
| One-Office-Visit Technique                                 |     |           |              | PF 180 |
| Metal-free Posts   |     |           |              |        |
| Posts / Taper Lux Drill                                    | 4.5 | ø 1.14 mm | 5 pcs / 1 pc |        |
| Posts / Taper Lux Drill                                    | 5   | ø 1.25 mm | 5 pcs / 1 pc |        |
| Posts / Taper Lux Drill                                    | 5.5 | ø 1.40 mm | 3 pcs / 1 pc |        |
| Posts / Taper Lux Drill                                    | 6   | ø 1.50 mm | 2 pcs / 1 pc |        |
| Universal Hand Driver                                      |     |           | 1 pc         |        |
| – specially ParaPost Taper Lux Drills are required (P82 A) |     |           |              |        |

### Taper Lux Refill One-Office-Visit Technique; Metal-free Posts

| Size | 5 pcs      |
|------|------------|
| 4.5  | PF 181 4.5 |
| 5    | PF 181 5   |
| 5.5  | PF 181 5.5 |
| 6    | PF 181 6   |

## TENAX®

- Cylindro-conical, passive post system



### Complete Kit

| One-Office-Visit + Casting Technique |        |        |                            | TEC 1         |
|--------------------------------------|--------|--------|----------------------------|---------------|
| Universal Hand Driver                |        | 1 pc   |                            |               |
| Starter Drill                        |        | 1 pc   |                            |               |
| Drills                               |        | pcs    | Impression/Temporary Posts | pcs           |
| ø 1.1 mm                             | black  | 1 pc   | ø 1.1 mm                   | black 10 pcs  |
| ø 1.2 mm                             | grey   | 1 pc   | ø 1.2 mm                   | grey 10 pcs   |
| ø 1.3 mm                             | yellow | 1 pc   | ø 1.3 mm                   | yellow 10 pcs |
| ø 1.4 mm                             | red    | 1 pc   | ø 1.4 mm                   | red 10 pcs    |
| ø 1.5 mm                             | blue   | 1 pc   | ø 1.5 mm                   | blue 5 pcs    |
| ø 1.6 mm                             | green  | 1 pc   | ø 1.6 mm                   | green 5 pcs   |
| Titanium Alloy Posts                 |        |        | Burn-out Posts             |               |
| ø 1.1 mm                             | black  | 10 pcs | ø 1.1 mm                   | black 10 pcs  |
| ø 1.2 mm                             | grey   | 10 pcs | ø 1.2 mm                   | grey 10 pcs   |
| ø 1.3 mm                             | yellow | 10 pcs | ø 1.3 mm                   | yellow 10 pcs |
| ø 1.4 mm                             | red    | 10 pcs | ø 1.4 mm                   | red 10 pcs    |
| ø 1.5 mm                             | blue   | 5 pcs  | ø 1.5 mm                   | blue 5 pcs    |
| ø 1.6 mm                             | green  | 5 pcs  | ø 1.6 mm                   | green 5 pcs   |



## TENAX® Kits



### Introductory Kit

|   |        |        |
|---|--------|--------|
| One-Office-Visit and Casting Technique    |        | TE C 2 |
| Titanium Alloy Posts*                     | 20 pcs |        |
| Starter Drill                             | 1 pc   |        |
| Impression/Temporary Posts*               | 20 pcs |        |
| Universal Hand Driver                     | 1 pc   |        |
| Plastic Burn-out Posts*                   | 20 pcs |        |
| Drills (one of each size: 1.2 mm, 1.4 mm) | 2 pcs  |        |
| *10 of each size 1.2, 1.4 mm              |        |        |



### Complete Kit

| One-Office-Visit + Casting Technique |      | TE U 1               |        |
|--------------------------------------|------|----------------------|--------|
| Universal Hand Driver                | 1 pc |                      |        |
| Starter Drill                        | 1 pc |                      |        |
| Drills                               | pcs  | Titanium Alloy Posts | pcs    |
| ø 1.1 mm      black                  | 1 pc | ø 1.1 mm      black  | 10 pcs |
| ø 1.2 mm      grey                   | 1 pc | ø 1.2 mm      grey   | 10 pcs |
| ø 1.3 mm      yellow                 | 1 pc | ø 1.3 mm      yellow | 10 pcs |
| ø 1.4 mm      red                    | 1 pc | ø 1.4 mm      red    | 10 pcs |
| ø 1.5 mm      blue                   | 1 pc | ø 1.5 mm      blue   | 5 pcs  |
| ø 1.6 mm      green                  | 1 pc | ø 1.6 mm      green  | 5 pcs  |



### Introductory Kit

|   |        |        |
|---|--------|--------|
| One-Office-Visit Technique                |        | TE U 2 |
| Drills (one of each size: 1.2 mm, 1.4 mm) | 2 pcs  |        |
| Starter Drill                             | 1 pc   |        |
| Titanium Alloy Posts*                     | 20 pcs |        |
| Universal Hand Driver                     | 1 pc   |        |
| *10 of each size 1.2, 1.4 mm              |        |        |



## TENAX® Kits



### Complete Kit

| Casting Technique     |        |  |      |                            |        | TET 1  |
|-----------------------|--------|--|------|----------------------------|--------|--------|
| Universal Hand Driver |        |  |      |                            | 1 pc   |        |
| Starter Drill         |        |  |      |                            | 1 pc   |        |
| Drills                |        |  | pcs  | Impression/Temporary Posts |        | pcs    |
| ø 1.1 mm              | black  |  | 1 pc | ø 1.1 mm                   | black  | 20 pcs |
| ø 1.2 mm              | grey   |  | 1 pc | ø 1.2 mm                   | grey   | 20 pcs |
| ø 1.3 mm              | yellow |  | 1 pc | ø 1.3 mm                   | yellow | 20 pcs |
| ø 1.4 mm              | red    |  | 1 pc | ø 1.4 mm                   | red    | 20 pcs |
| ø 1.5 mm              | blue   |  | 1 pc | ø 1.5 mm                   | blue   | 10 pcs |
| ø 1.6 mm              | green  |  | 1 pc | ø 1.6 mm                   | green  | 10 pcs |
|                       |        |  |      | Burn-out Posts             |        | pcs    |
|                       |        |  |      | ø 1.1 mm                   | black  | 20 pcs |
|                       |        |  |      | ø 1.2 mm                   | grey   | 20 pcs |
|                       |        |  |      | ø 1.3 mm                   | yellow | 20 pcs |
|                       |        |  |      | ø 1.4 mm                   | red    | 20 pcs |
|                       |        |  |      | ø 1.5 mm                   | blue   | 10 pcs |
|                       |        |  |      | ø 1.6 mm                   | green  | 10 pcs |

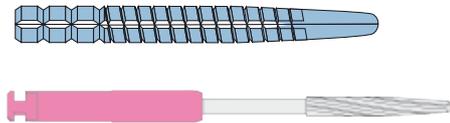
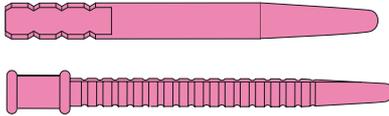


### Starter Drill and Universal Hand Driver

|                       |  |      |         |
|-----------------------|--|------|---------|
| Starter Drill         |  | 1 pc | TE DC 1 |
| Universal Hand Driver |  | 1 pc |         |



## TENAX® Posts



| Impression/Temp. Posts 15 pcs |        |          |
|-------------------------------|--------|----------|
| ø 1.1 mm                      | black  | TE EP 11 |
| ø 1.2 mm                      | grey   | TE EP 12 |
| ø 1.3 mm                      | yellow | TE EP 13 |
| ø 1.4 mm                      | red    | TE EP 14 |
| ø 1.5 mm                      | blue   | TE EP 15 |
| ø 1.6 mm                      | green  | TE EP 16 |

| Plastic Burn-out Posts 30 pcs |        |         |
|-------------------------------|--------|---------|
| ø 1.1 mm                      | black  | TE L 11 |
| ø 1.2 mm                      | grey   | TE L 12 |
| ø 1.3 mm                      | yellow | TE L 13 |
| ø 1.4 mm                      | red    | TE L 14 |
| ø 1.6 mm                      | green  | TE L 16 |

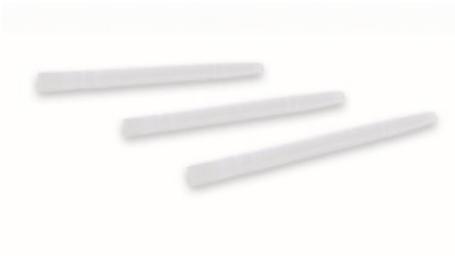
| Titanium Alloy Posts 15 pcs |        |        |
|-----------------------------|--------|--------|
| ø 1.1 mm                    | black  | TET 11 |
| ø 1.2 mm                    | grey   | TET 12 |
| ø 1.3 mm                    | yellow | TET 13 |
| ø 1.4 mm                    | red    | TET 14 |
| ø 1.5 mm                    | blue   | TET 15 |
| ø 1.6 mm                    | green  | TET 16 |

| Drills 3 pcs                      |        |         |
|-----------------------------------|--------|---------|
| ø 1.1 mm                          | black  | TE A 11 |
| ø 1.2 mm                          | grey   | TE A 12 |
| ø 1.3 mm                          | yellow | TE A 13 |
| ø 1.4 mm                          | red    | TE A 14 |
| ø 1.5 mm                          | blue   | TE A 15 |
| Assorted 6 pcs (one of each size) |        | TE A 1  |



## TENAX® Fiber Trans

- Great alternative for esthetic, metal-free restorations
- Bonds with dual- and self-cure resin cements and all composite materials



### Fiber Trans Introductory Kit

|                                  |                |      |
|----------------------------------|----------------|------|
| One-Office-Visit Technique       |                | TFT1 |
| Fiber Trans Posts ø 1.1 mm 5 pcs | Drill ø 1.1 mm |      |
| Fiber Trans Posts ø 1.3 mm 5 pcs | Drill ø 1.3 mm |      |
| Fiber Trans Posts ø 1.5 mm 5 pcs | Drill ø 1.5 mm |      |
| Universal Hand Driver (L590)     |                |      |

### Fiber Trans Drills Refill

|          |       |       |
|----------|-------|-------|
| ø 1.1 mm | 3 pcs | TED11 |
| ø 1.3 mm | 3 pcs | TED13 |
| ø 1.5 mm | 3 pcs | TED15 |

### Fiber Trans Posts Refill

|          |  |       |
|----------|--|-------|
|          |  | 5 pcs |
| ø 1.1 mm |  | TFT11 |
| ø 1.3 mm |  | TFT13 |
| ø 1.5 mm |  | TFT15 |



## ParaCore®

- Dual-cured composite resin system with integrated bond
- The "25-ml-version" is indicated for post cementation and core build-ups
- The "5-ml-version" can also be used to cement crowns, bridges, inlays and onlays
- Extraordinary strength for long-term restorations



| 5 ml Intro Kit                                 |  |           |
|--|--|-----------|
| ParaCore 5 ml Intro Kit                        | Syringe White, 5 ml<br>Syringe Dentin, 5 ml<br>Syringe Dentin SLOW, 5 ml<br>Syringe Trans SLOW, 5 ml | 5885      |
| ParaCore SLOW 5 ml Intro Kit                   | Syringe Dentin SLOW, 2 × 5 ml<br>Syringe Trans SLOW, 2 × 5 ml  | 6001 3753 |
| Includes:                                      |  |           |
| ParaBond Non-Rinse Conditioner + Adhesiv A & B | 3 × 3 ml   |           |
| Mixing Tip Brown Short Super Fine              | 20 pcs   |           |
| Accessories                                    |  |           |

| 5 ml Refills                                |                              |           |
|---|------------------------------|-----------|
| ParaCore 5 ml White Refill                  | Syringe White 2 × 5 ml       | 5886      |
| ParaCore 5 ml Dentin Refill                 | Syringe Dentin 2 × 5 ml      | 5887      |
| ParaCore 5 ml Dentin SLOW Refill            | Syringe Dentin SLOW 2 × 5 ml | 6001 1391 |
| ParaCore 5 ml Trans SLOW Refill             | Syringe Trans SLOW 2 × 5 ml  | 6001 1392 |
| Includes: Mixing Tip Brown Short Super Fine |                              | 20 pcs    |

| 25 ml Intro Kits                                |                        |      |
|---|------------------------|------|
| ParaCore 25 ml Intro Kit Dentin                 | Cartridge Dentin 25 ml | 1500 |
| ParaCore 25 ml Intro Kit White                  | Cartridge White 25 ml  | 1502 |
| Includes:                                       |                        |      |
| ParaBond Non-Rinse Conditioner + Adhesiv A & B  | 3 × 3 ml               |      |
| Mixing Tip Yellow / Oral Tips                   | 20 pcs                 |      |
| ParaBond Non-Rinse Conditioner + Adhesive A & B | 3 × 3 ml               |      |

| 25 ml Kits                                     |                        |      |
|--|------------------------|------|
| ParaCore 25 ml Kit Dentin                      | Cartridge Dentin 25 ml | 1501 |
| ParaCore 25 ml Kit White                       | Cartridge White 25 ml  | 1503 |
| Includes:                                      |                        |      |
| Mixing Tip Yellow / Oral Tips                  | 20 pcs                 |      |
| ParaBond Non-Rinse Conditioner + Adhesiv A & B | 3 × 3 ml               |      |
| Accessories                                    |                        |      |

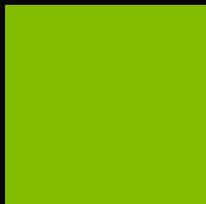
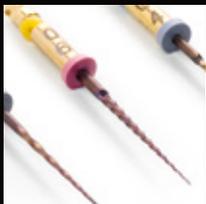
| 25 ml Refills                 |                        |      |
|-------------------------------|------------------------|------|
| ParaCore 25 ml Single Dentin  | Cartridge Dentin 25 ml | 5853 |
| ParaCore 25 ml Single White   | Cartridge White 25 ml  | 5854 |
| Includes:                     |                        |      |
| Mixing Tip Yellow / Oral Tips | 20 pcs                 |      |

# Notes

# Endodontics







**CH** **Coltène/Whaledent AG**  
 Feldwiesenstrasse 20  
 9450 Altstätten / Switzerland  
 T + 41 71 757 53 00  
 F + 41 71 757 53 01  
 info.ch@coltene.com

**CN** **Coltene/Whaledent China Trading Co. Ltd.**  
 Rm. 1103/1104, Bldg. B2, Wu Dong Plaza  
 #9 Chegongzhuang Street, West District  
 Beijing 100044 / P.R. China  
 T + 86 10 6212 3251  
 F + 86 10 6212 3252  
 info.cn@coltene.com

**IT** **Coltène Italia S.r.l.**  
 c/o Polo Tecnologico della Brianza  
 Via Alessandro Volta, 94 - Cond. Bianchi  
 20832 Desio (MB) / Italy  
 T + 39 0362 62 67 32  
 F + 39 0362 63 25 80  
 info.it@coltene.com

**DE** **Coltène/Whaledent GmbH + Co. KG**  
 Raiffeisenstraße 30  
 89129 Langenau / Germany  
 T + 49 7345 805 0  
 F + 49 7345 805 201  
 info.de@coltene.com

**FR** **Coltène/Whaledent s.a.r.l.**  
 75 Boulevard Marie et Alexandre Oyon  
 72058 Le Mans Cedex 2 / France  
 T + 33 2 43 39 30 30  
 F + 33 2 43 39 30 40  
 info.fr@coltene.com

**UK** **Coltène/Whaledent Ltd.**  
 The President Suite  
 Kendal House, Burgess Hill  
 Victoria Way  
 West Sussex, RH15 9NF / UK  
 T + 44 1444 235486  
 F + 44 1444 870640  
 info.uk@coltene.com

**US** **Coltène/Whaledent Inc.**  
 235 Ascot Parkway  
 Cuyahoga Falls, Ohio 44223 / USA  
 T + 1 330 916 8800  
 F + 1 330 916 7077  
 info.us@coltene.com

**IN** **Coltène/Whaledent Private Ltd.**  
 106/107, Hallmark, Vasant Oscar  
 L.B.S Marg, Mulund West  
 Mumbai 400080, Maharashtra / India  
 T + 91 22 25923626  
 F + 91 22 25623165  
 info.in@coltene.com

**BR** **Vigodent SA Indústria e Comércio**  
 Rua Pesqueira 26 Bonsucesso  
 Rio de Janeiro CEP 21041-150 / Brazil  
 T + 5521 3865 5600  
 F + 5521 2280 8411  
 sac@vigodent.com.br

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