GuttaFlow® 2
Superior Strength of a Monobloc
Sealer and gutta-percha in one root canal filling material

GuttaFlow 2 is a novel filling system for root canals that combines two products in one; sealer and gutta-percha in powder form with a particle size of less than 30µm.

Tight seal due to expansion and adhesion

GuttaFlow 2 is the first flowable, non-heated gutta-percha that does not shrink but expands slightly by 0.2%. Furthermore, GuttaFlow 2 has a very good adhesion to Gutta-percha points and dentin walls. This combination of expansion and adhesion creates an excellent seal.

Excellent flow properties

GuttaFlow 2 is thixotropic, the viscosity diminishes under pressure, and therefore it flows into the smallest canals during placement of master point and optional auxiliary points. This feature allows for a three-dimensional obturation without condensation.

Solubility of 0.0%*

Through contact with body fluids, materials may dissolve over the years, creating space for bacterial colonization. Most standard root canal sealer materials are soluble to a varying degree. The solubility of GuttaFlow 2 is virtually zero. Tests according to ISO 6876:2001 show a solubility of 0.0%. This results in a dimensionally stable and impervious root canal filling.

Biocompatible

Since endodontic filling materials remain in the body for many years, it is particularly important that there is no adverse effect on the surrounding tissue. Conventional materials demonstrate toxic characteristics ranging from “nontoxic mildly” to “severely toxic.” Clinical studies show GuttaFlow to be biocompatible.

Optimum protection

GuttaFlow 2 contains micro-silver that provides optimum protection against re-infection of the root canal. The chemical form and concentration of the silver does not lead to any corrosion or discoloration of GuttaFlow 2 under clinical conditions.
COLTENE Covers the Entire Endo Procedure

COLTENE offers a complete line of endodontic products for the root canal procedure, from diagnosis through restoration.

Visit coltene.com/products/endodontics to view the entire endo line.

GuttaFlow® 2
Cold Flowable Gutta-Percha

Syringe or capsule
The simple way to root canal obturation

- Ready to use – no triturator required for syringe*
- Easy handling
- Dispenses just the quantity required
- Homogeneously and hygienically mixed and free of air bubbles

*Capsules require triturator
Clinically Tested Through and Through
Successful healing with GuttaFlow

Clinical study
Clinical investigations on the conventional GuttaFlow are organized in the framework of a multi-center study under the direction of NIOM (Norwegian Institute for Dental Material Testing) and conducted in clinics in Germany, Norway and the US. The preliminary closing study report shows excellent healing results. On the basis of the PAI Scoring system, success rates of 0.7 – 0.8 were measured which have been documented over a period of one year.

Clinical cases
Proximal Crack tooth #16, instrumented with HyFlex®, canals filled with GuttaFlow.

Root canals prepared with HyFlex CM® and obturated with GuttaFlow.

Further studies
A wide range of further studies on GuttaFlow has already been conducted.
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STEP 1
Slight pressure on the plunger and premixed material is dispensed from the tip.

STEP 2
Either insert GuttaFlow 2 into the root canal with the master point (a), the last used apical file (b) or a lentulo spiral (c).

STEP 3
Coat the masterpoint with sufficient GuttaFlow 2 and set the apical stop. Depending on the clinical situation accessory gutta-percha points can be coated and inserted. GuttaFlow 2 combines sealer and gutta-percha in one product, the use of any sealers is not required. No lateral or vertical condensation is necessary.

STEP 4
Slowly insert the master point permanently. Depending on the clinical situation accessory gutta-percha points can be coated and inserted. GuttaFlow 2 combines sealer and gutta-percha in one product, the use of any sealers is not required. No condensation is necessary.

STEP 5
Sear off the master point with a heated hand instrument.

STEP 6
Then coat the masterpoint with GuttaFlow 2.

STEP 7
Then permanently place the master point and fill the remaining canal space with GuttaFlow 2.

STEP 8
Finally shorten the master point with a hot instrument.

Easy, Fast and Safe in the Root Canal

Syringe

Capsule
## GuttaFlow 2

### Order Information - Capsule

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### Order Information - Syringe

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### Accessories

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* RotoMix™ is not a trademark of Coltène/Whaledent

### Mixing Tips for Veterinary

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