A family of perfection:

High quality anterior and posterior restorations can be achieved very easily with the new CLEARFIL MAJESTY™ composites. Instead of using different color layers for each restoration, as esthetic restorations have been done so far, simply choose a single matching shade for the entire cavity.

CLEARFIL MAJESTY™ composites are available as Esthetic, Posterior and Flow. They can be used in combination with each other or separately. Based on Kuraray’s adhesive technology, they perfectly fit to all Kuraray adhesives. However, they can also be used in combination with commercial bonding systems.

CLEARFIL MAJESTY™ is a holistic composite concept for a long tooth-life.

Dentists appreciate CLEARFIL MAJESTY™:

At IDS (International Dental Show) in Cologne, Germany, in March 2007, dentists tested all 3 CLEARFIL MAJESTY™ products in their handling, light-curing and polishing abilities in tooth cavity models. Out of all the people who tested the materials, especially CLEARFIL MAJESTY™ Esthetic, 218 filled out a questionnaire and gave us their personal product evaluation.

95% consider CLEARFIL MAJESTY™ Esthetic as an “excellent to good” esthetic composite.
CLEARFIL MAJESTY™ Esthetic
Anterior and universal composite

While applying only a single color layer, CLEARFIL MAJESTY™ Esthetic displays a special optical behavior to easily imitate the natural tooth color: the Light Diffusion.

Your benefit:
- Good radiopacity, fluorescence similar to natural teeth
- Low affection by ambient light

Technology:
- Light-diffusion: Light-diffusion – long-lasting composite can be faithfully reproduced for the first time. Coordination can be managed after treatment. The use of highly transparent organic fillers, in combination with the newly developed radiopaque micro fillers and a matrix with a high index of refraction, will lead to the exceptional optical performance of CLEARFIL MAJESTY™ Esthetic.

Filter load:
- 78 wt% (66 vol%); for shades T, AM: 77 wt% (61 vol%)

Shades:
- Standard shades: A1, A2, A3, A3.5, B2, B3, C3, HO
- Complementary shades: OA2, OA3, OA4, E, XL, OC, T, AM

Filler load:
- 92 wt% (82 vol%) – which is the highest filler load of all commercial composites.

Cavity margins can hardly be recognized after treatment. The use of highly illuminated light-diffusion – natural tooth substance can be faithfully reproduced for the first time.

In most cases, only one matching shade per restoration is needed and the necessity of using different dentin and enamel shades is not given.

Your benefit:
- Ultra-strong for a long tooth-life due to:
  - Superior physical properties
  - Low polymerization shrinkage
  - Low thermal expansion coefficient

Technology:
- Innovative Nano Dispersion Technology in a new filler surface treatment technology which permits a larger quantity of nano fillers and micro fillers (silica/mica filled) to be dispersed in the resin matrix.

Filter load:
- 65 wt% (52 vol%) – which is the highest filler load of all commercial composites.

Shades:
- A2, A3, A3.5, B2, 6, 6A

Material:
- Easy to use, does not stick to instruments, good polishing behavior

Additional:
- Can be used with every adhesive system
- No special pretreatment needed
- Low water sorption
- Almost no color change through polymerization
- Good radiopacity

Cavity

Light-diffusion

Light-diffusion advantage in practice

The light-diffusion advantage in practice

Metal-free restoration

Recommendations for polishing

1. Polishing: Finishing without a bur can be done with the bur. After finishing, polish with a polishing agent and super-fine polishing material.
2. Finishing: Finishing without a bur can be done using polishing discs (Shofu) or a polishing brush.

Flowable composite

CLEARFIL MAJESTY™ Flow is a flowable but superfilled restorative composite resin with the thin mixture treated with a proprietary Nano Dispersion Technology. It has a filler content which is similar to many universal composites and covering handling properties for controlled application.

Indication:
- Widely used as filler restorations (e.g., class I) in cavity lining.

Your benefit:
- Positive flow control: not runny, not sticky
- Almost no build-up on the instrument
- Broadly dispersible organic pigment with small needle opening for practical application and a flexible 0-ring inside that returns after dispensing so that the material flows directly after application
- High mechanical strength

Technology:
- The innovative Nano Dispersion Technology is a new filler surface treatment technology which permits a larger quantity of nano fillers and micro fillers (silica/mica filled) to be dispersed in the resin matrix.

Filter load:
- 81 wt% (62 vol%) – content similar to many universal composites.

Material:
- Very easy to use, good workability, excellent wetability, but not runny or sticky

Additional:
- Low water sorption
- High radiopacity, fluorescence similar to natural teeth

Flow control with 0-ring.

Nano Dispersion Technology

It has a filler content which is similar to many universal composites with nano dispersion, in which the material flows directly stops after application and a flexible O-ring inside that returns after dispensing so that the material flows directly after application.

After:
- The shape of the O-ring returns after dispensing and stays in the remaining pressure.

Difficult in practice:
- Class V cavities. No problem with CLEARFIL MAJESTY™ Flow.

Flowable composite

Smal needle opening for practical application.

The filling test with a class V cavity model shows, that CLEARFIL MAJESTY™ Flow will not slump out of the cavity. It will remain in the right position without running out of the cavity.