

## GC GRADIA® DIRECT

LIGHT-CURED COMPOSITE RESTORATIVE  
For use only by a dental professional in the recommended indications.

### RECOMMENDED INDICATIONS

1. Direct restorative for Class III, IV, V cavities.
  2. Direct restorative for wedge-shaped defects and root surface cavities.
  3. Direct restorative for veneers and diastema closure.
- B. GRADIA DIRECT POSTERIOR (radiopaque)**
1. Direct restorative for Class I and II cavities

### CONTRAINDICATIONS

1. Pulp capping.
2. In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

### DIRECTIONS FOR USE

1. Shade Selection  
Clean the tooth with pumice and water. Shade selection should be made prior to isolation. Select the appropriate GRADIA DIRECT shade by referring to the GRADIA DIRECT shade guide.
2. Cavity Preparation  
Prepare cavity using standard techniques.  
Note:  
For pulp capping, use calcium hydroxide.

3. Bonding Treatment  
For bonding GRADIA DIRECT to enamel and / or dentin, use a light-cured bonding system such as GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ or G-Cenial Bond (Fig. 1). Follow manufacturer's instructions.
4. Placement of GRADIA DIRECT

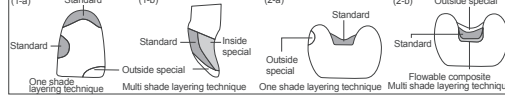
- 1) Dispensing from the syringe  
Remove the cap and extrude material directly into the prepared cavity. Use steady pressure (Fig. 2). Maintain pressure on the applicator handle while removing the Unipil APPLIER and Unipil from the mouth. This retracts the unipil from coming loose from the applicator.
- 2) Dispensing from a syringe  
Remove syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument. After dispensing, scrape syringe plunger anticlockwise by a half to full turn to release residual pressure inside the syringe. Replace cap immediately after use.

- Notes:  
1. Basically, material can be applied in a single layer to achieve aesthetic restorations using Standard shades. For details, refer to the Clinical Instructions.  
2. Material may be hard to extrude immediately after removing from cold storage. Prior to use, leave to stand for a few minutes at normal room temperature.  
3. After dispensing, avoid too long an exposure to ambient light. Ambient light can shorten the manipulation time.

### Clinical Hints

1. Anterior cavities  
a. In the case of small cavities  
Restore using a one shade layering technique. In most cases the use of one Standard shade alone will be sufficient. In cases where a higher degree of translucency is needed, one of the Outside special shades can be selected. See also Examples of Clinical Applications.  
b. In the case of large cavities  
In most cases a multi shade layering technique will give the best aesthetic results. To block out shine through from the oral cavity or thin wax discoloration, select an appropriate Inside special shade and continue to build up with a Standard shade.  
To make a restoration more life like e.g. to copy age related changes in appearance, the final layer should consist of an Outside special shade. Refer also to Examples of Clinical Applications and / or consult the Shade Combination Chart.
2. Posterior cavities  
a. In the case of small cavities  
Restore using a one shade layering technique. In most cases the use of one Standard shade alone will be sufficient. In cases where a higher translucency is needed, one of the Outside special shades can be selected. See also Examples of Clinical Applications.  
b. In the case of deep cavities  
Place a flowable composite such as GRADIA DIRECT Flo or GRADIA DIRECT LoFlo™ on the cavity floor. Then place a Standard shade. For optimal aesthetics use an Outside special shade as the final composite layer. See also Examples of Clinical Applications.

### Examples of Clinical Applications (Clinical Hint No. 1, 2)



### Shade combination chart for multiple layers in large cavities of anterior teeth (1-1b)

	A1	A2	A3	A3.5	A4	B1	B2	B3	C3
Inside special	BW	A02	A03	A03	A04	BW	A02	A03	A04
Standard	A1	A2	A3	A3.5	A4	B1	B2	B3	C3
Outside special	WT	DT	DT	DT	DT	WT	DT	DT	DT

For details of shades, refer to the following section of SHADES.

### Contouring before Light Curing

Contour cure GRADIA DIRECT using a light curing unit (Fig. 3). Refer to the following chart for Irradiation Time and Effective Depth of Cure.

### GRADIA DIRECT ANTERIOR: Irradiation Time and Effective Depth of Cure

Irradiation time	Plasma arc (2000mW/cm²)	3 sec.	6 sec.
GC G-Light (1200mW/cm²)	10 sec.	20 sec.	
Shade	Halogen / LED (700mW/cm²)	20 sec.	40 sec.

CT, NT, WT, GT, CVT  
A1, A2, B1, B2, XBW, BW, DT  
A3, B3  
A3.5, A4, C3, A02, A03, A04, CV, CVD

### GRADIA DIRECT POSTERIOR: Irradiation Time and Effective Depth of Cure

Irradiation time	Plasma arc (2000mW/cm²)	3 sec.	6 sec.
GC G-Light (1200mW/cm²)	10 sec.	20 sec.	
Shade	Halogen / LED (700mW/cm²)	20 sec.	40 sec.

P-A1, P-A2, P-WT, P-NT  
P-A3, P-A3.5

Note:  
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult the tables.  
2. Lower light intensity may cause insufficient curing or discoloration of the material.

### Finishing and Polishing

Finish and polish using diamond burs, polishing points and discs. To obtain a high gloss, polishing pastes can be used.

### Cleaning and Sterilizing of the Unipil APPLIER

1. Clean the applicator with gauze soaked in alcohol.
2. The applicator may be steam sterilized at 121-135°C (250-275°F) for 10 to 30 minutes or disinfected using alcohol.

Note:  
1. Do not attempt to sterilize in a unit at a temperature that exceeds 135°C (275°F) during the drying step of the autoclave procedure. Otherwise, the applicator may be damaged.  
2. The use of various chemical disinfectants / sterilants may cause damage to the applicator and therefore is not recommended.

### Cleaning of the Shade Guide

The shade guide can be cleaned with water and mild soap. It should not be sterilized. The use of various chemical disinfectants / sterilants may cause damage to the shade guide.

### SHADES

1. 22 shades for anteriors  
Standard shade : XBW (Extra Bleaching White), BW (Bleaching White), A1, A2, A3, A3.5, A4, B1, B2, B3, C3, CV (Cervical Dark), CVD (Cervical Dark), Outside special shade : WT (White Translucent), DT (Dark Translucent), CT (Clear Translucent), NT (Natural Translucent), GT (Gray Translucent), CVT (Cervical Translucent)

2. 6 shades for posteriors  
Standard shade : P-A1, P-A2, P-A3, P-A3.5  
Outside special shade : P-WT (White Translucent), P-NT (Natural translucent)  
Note:  
A, B, C, AO shades are based on Vita®\* Shade.  
\*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany.

### STORAGE

Store in a cool and dark place (4 - 25°C / 39.2 - 77.0°F) away from high DT temperatures or direct sunlight.  
(Shelf life:  
GRADIA DIRECT ANTERIOR - 3 years from date of manufacture  
GRADIA DIRECT POSTERIOR - 3 years from date of manufacture)

### PACKAGES

1. INTRODUCTORY KIT  
(35 Unipils in 7 shades)  
- 35 tips (5 tips each in 7 shades) (0.16ml, per tip)  
(6 anterior shades : A2, A3, A3.5, A03, CV, CT)  
(1 posterior shade : P-A2)  
2. Shade guide

2. REFILL  
a. Pack of 20 tips (each in 14 shades) (0.16ml, per tip)  
(8 anterior shades : A1, A2, A3, A3.5, A03, CV, NT, DT)  
(6 anterior shades : A2, A3, A3.5, A03, CV, P-WT, P-NT)  
b. Pack of 10 tips (each in 14 shades) (0.16ml, per tip)  
(14 anterior shades : XBW, BW, A4, B1, B2, B3, C3, A02, A04, CVD, CT, WT, GT, CVT)

7. Note:  
Weight per Unipil : 0.24g for anterior tip, 0.28g for posterior tip

3. Option  
a. Unipil APPLIER b. Shade guide c. Mixing pad (No. 14B)

II. Syringes  
1. INTRODUCTORY KIT  
- 7 syringes (1 each in 7 shades) (2.7ml, per syringe)  
(6 anterior shades : A2, A3, A3.5, A03, CV, CT)  
(1 posterior shade : P-A2)  
2. Shade guide

2. REFILL  
a. 1 syringe (in 28 shades) (2.7ml, per syringe)  
Note:  
Weight per syringe : 4.0g for anterior syringe, 4.7g for posterior syringe

3. Option  
a. Shade guide b. Mixing pad (No. 14B)

### CAUTION

1. In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water.
2. In case of contact with eyes, flush immediately with water and seek medical attention.
3. Take care to avoid ingestion of the material.
4. Wear plastic or rubber gloves during operation to avoid direct contact with air inhibited resin layers in order to prevent possible sensitivity.
5. For infection control reasons, Unipils are for single use only.
6. Wear protective eye glasses during light curing.
7. When polishing the polymerised material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.
8. Do not mix with other similar products.
9. Avoid getting material on teeth.
10. In case of contact with unintended areas of tooth or prosthetic appliances, remove with instrument, sponge or cotton pellet before light curing.
11. Do not use GRADIA DIRECT in combination with eugenol containing materials as eugenol may hinder GRADIA DIRECT from setting.

Last revised : 06/2013

## GC GRADIA® DIRECT

LICHTHÄRTENDES KOMPOSIT-RESTAURATIONS-MATERIAL  
Zur Verwendung nur durch einen Zahnmediziner für die empfohlenen Indikationen.

### EMPFOHLENE INDIKATIONEN

1. Direkte Restaurationen von Kavitäten der Klassen III, IV und V.
  2. Direkte Restaurationen von keilförmigen Defekten und Wurzeloberflächenkavitäten.
  3. Direkte Restaurationen von Veneers und zum Diastemaverschluss.
- B. GRADIA DIRECT POSTERIOR (Röntgensichtbar)**
1. Direkte Restaurationen von Kavitäten der Klassen I und II.

### KONTRAINDIKATIONEN

1. Nicht zum Abdecken der Pulpa geeignet!
2. In seltenen Fällen kann eine Sensibilisierung bei einigen Personen auftreten. In einem solchen Fall die Verwendung des Materials abbrechen und einen Arzt aufsuchen.

### VERABREITUNG

1. Farbwahl  
Reinigen des Zahns mit geeignetem Mittel und Wasser. Die Farbauswahl sollte vor dem Isolieren des Zahns erfolgen. Mit dem GRADIA DIRECT Shade Guide Kit die passenden GRADIA DIRECT-Farbe auswählen.
2. Vorbereitung der Kavität  
Die Kavität wie gewohnt vorbereiten.  
Anm. :  
Zum Abdecken der Pulpa ein geeignetes Calcium-Hydroxido-Präparat verwenden.

Für die Haftvermittlung zwischen GRADIA DIRECT und dem Dentin / Zahnschmelz, ein lichthärtendes Haftvermittlungssystem wie GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ oder GC G-aenial Bond verwenden (Abb. 1) – dabei die jeweilige Verarbeitungsanleitung beachten.

### Aufbringen von GRADIA DIRECT

- 1) Benutzung von GRADIA DIRECT in einem Unipil :  
Den Unipil GRADIA DIRECT Unipil in den Unipil APPLIER einsetzen. Danach die Schutzkappe entfernen und das Material gleichmäßig in die Kavität einbringen (Abb. 2). Beim Entfernen des Unipils und des Appliers aus der Kavität die Spritze leicht drehen, so dass sich der Unipil aus dem Applier löst.
- 2) Benutzung von GRADIA DIRECT in Spritzenform  
Die Kappe der Spritze entfernen und Material auf einen Anmischblock ausbringen. Mit einem geeigneten Instrument das Material in die Kavität applizieren. Nach dem Ausdrücken den Drehkolben entgegen dem Uhrzeigersinn eine halbe bis eine ganze Umdrehung drehen, um ein weiteres Ausströmen von Material aus der Spritze zu verhindern. Unmittelbar nach Gebrauch mit der Kappe wieder verschließen.

- Anm. :  
1. Grundsätzlich können ästhetisch anspruchsvolle Restaurationen mit den Standardfarben in der Einschnittstechnik erzielt werden. Details hierzu finden Sie bei den klinischen Hinweisen.  
2. Nach sehr kühler Lagerung kann es schwierig sein, das Material zu entnehmen.  
3. Nach der Benutzung daher einige Minuten bei Raumtemperatur aufbewahren.

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### GRADIA DIRECT ANTERIOR: Irradiation Time and Effective Depth of Cure

Irradiation time	Plasma arc (2000mW/cm²)	3 sec.	6 sec.
GC G-Light (1200mW/cm²)	10 sec.	20 sec.	
Shade	Halogen / LED (700mW/cm²)	20 sec.	40 sec.

CT, NT, WT, GT, CVT  
A1, A2, B1, B2, XBW, BW, DT  
A3, B3  
A3.5, A4, C3, A02, A03, A04, CV, CVD

### GRADIA DIRECT POSTERIOR: Irradiation Time and Effective Depth of Cure

Irradiation time	Plasma arc (2000mW/cm²)	3 sec.	6 sec.
GC G-Light (1200mW/cm²)	10 sec.	20 sec.	
Shade	Halogen / LED (700mW/cm²)	20 sec.	40 sec.

P-A1, P-A2, P-WT, P-NT  
P-A3, P-A3.5

Note:  
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult the tables.  
2. Lower light intensity may cause insufficient curing or discoloration of the material.

### Finishing and Polishing

Finish and polish using diamond burs, polishing points and discs. To obtain a high gloss, polishing pastes can be used.

### Cleaning and Sterilizing of the Unipil APPLIER

1. Clean the applicator with gauze soaked in alcohol.
2. The applicator may be steam sterilized at 121-135°C (250-275°F) for 10 to 30 minutes or disinfected using alcohol.

Note:  
1. Do not attempt to sterilize in a unit at a temperature that exceeds 135°C (275°F) during the drying step of the autoclave procedure. Otherwise, the applicator may be damaged.  
2. The use of various chemical disinfectants / sterilants may cause damage to the applicator and therefore is not recommended.

### Cleaning of the Shade Guide

The shade guide can be cleaned with water and mild soap. It should not be sterilized. The use of various chemical disinfectants / sterilants may cause damage to the shade guide.

### SHADES

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Standard shade : XBW (Extra Bleaching White), BW (Bleaching White), A1, A2, A3, A3.5, A4, B1, B2, B3, C3, CV (Cervical Dark), CVD (Cervical Dark), Outside special shade : WT (White Translucent), DT (Dark Translucent), CT (Clear Translucent), NT (Natural Translucent), GT (Gray Translucent), CVT (Cervical Translucent)

2. 6 shades for posteriors  
Standard shade : P-A1, P-A2, P-A3, P-A3.5  
Outside special shade : P-WT (White Translucent), P-NT (Natural translucent)  
Note:  
A, B, C, AO shades are based on Vita®\* Shade.  
\*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany.

### STORAGE

Store in a cool and dark place (4 - 25°C / 39.2 - 77.0°F) away from high DT temperatures or direct sunlight.  
(Shelf life:  
GRADIA DIRECT ANTERIOR - 3 years from date of manufacture  
GRADIA DIRECT POSTERIOR - 3 years from date of manufacture)

### PACKAGES

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(35 Unipils in 7 shades)  
- 35 tips (5 tips each in 7 shades) (0.16ml, per tip)  
(6 anterior shades : A2, A3, A3.5, A03, CV, CT)  
(1 posterior shade : P-A2)  
2. Shade guide

2. REFILL  
a. Pack of 20 tips (each in 14 shades) (0.16ml, per tip)  
(8 anterior shades : A1, A2, A3, A3.5, A03, CV, NT, DT)  
(6 anterior shades : A2, A3, A3.5, A03, CV, P-WT, P-NT)  
b. Pack of 10 tips (each in 14 shades) (0.16ml, per tip)  
(14 anterior shades : XBW, BW, A4, B1, B2, B3, C3, A02, A04, CVD, CT, WT, GT, CVT)

7. Note:  
Weight per Unipil : 0.24g for anterior tip, 0.28g for posterior tip

3. Option  
a. Unipil APPLIER b. Shade guide c. Mixing pad (No. 14B)

II. Syringes  
1. INTRODUCTORY KIT  
- 7 syringes (1 each in 7 shades) (2.7ml, per syringe)  
(6 anterior shades : A2, A3, A3.5, A03, CV, CT)  
(1 posterior shade : P-A2)  
2. Shade guide

2. REFILL  
a. 1 syringe (in 28 shades) (2.7ml, per syringe)  
Note:  
Weight per syringe : 4.0g for anterior syringe, 4.7g for posterior syringe

3. Option  
a. Shade guide b. Mixing pad (No. 14B)

### CAUTION

1. In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water.
2. In case of contact with eyes, flush immediately with water and seek medical attention.
3. Take care to avoid ingestion of the material.
4. Wear plastic or rubber gloves during operation to avoid direct contact with air inhibited resin layers in order to prevent possible sensitivity.
5. For infection control reasons, Unipils are for single use only.
6. Wear protective eye glasses during light curing.
7. When polishing the polymerised material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.
8. Do not mix with other similar products.
9. Avoid getting material on teeth.
10. In case of contact with unintended areas of tooth or prosthetic appliances, remove with instrument, sponge or cotton pellet before light curing.
11. Do not use GRADIA DIRECT in combination with eugenol containing materials as eugenol may hinder GRADIA DIRECT from setting.

Last revised : 06/2013

## GC GRADIA® DIRECT

COMPOSITE DE RESTAURATION PHOTOPOLYMERISABLE  
Ce produit est réservé à l'art dentaire selon les recommandations d'utilisation.

### INDICATIONS

1. Restauration directes pour défauts de Classes III, IV, V.
  2. Restauration directes pour défauts conifères et caries au collet.
  3. Restauration directes pour facettes et diastèmes.
- B. GRADIA DIRECT POSTERIEUR (radiopaque)**
1. Restauration directes pour cavités de Classes I et II.

### CONTRE-INDICATIONS

1. Coiffage pulpaire.
2. Dans de rares cas ce produit peut entraîner des réactions chez certaines personnes. Si tel est le cas, ne plus utiliser ce produit et consulter un médecin.

### MODE D'EMPLOI

1. Sélection de la teinte  
Nettoyer la dent avec de la ponce et de l'eau. La sélection de la teinte doit se faire avant l'isolation de la dent. Sélectionner la teinte GRADIA DIRECT appropriée en vous référant au teinte GRADIA DIRECT.
2. Préparation de la cavité  
Préparer la cavité en utilisant les techniques standard.  
Anm. :  
Pour un coiffage pulpaire, utiliser un hydroxyde de calcium.

Traitement pour le collage  
Pour coller GRADIA DIRECT à l'émail et / ou au dentin, utiliser un système de colle photopolymérisable qualifié GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ ou GC G-aenial Bond (Fig. 1). Suivre les instructions du fabricant.

### Mise en œuvre de GRADIA DIRECT

- 1) Avec un Unipil  
Insérer l'Unipil GRADIA DIRECT dans son applicateur ou équivalent. Retirer le capuchon et extraire le matériau directement dans la cavité préparée. Appliquer une pression constante (Fig. 2). Retirer l'Unipil de la cavité en tournant la manivelle de l'applicateur pendant le retrait de l'Unipil de la bouche et de l'applicateur. Cela pour éviter que l'Unipil ne se détache.
- 2) Avec un cas de petites cavités  
Retirer le capuchon de la seringue et déposer le matériau sur un bloc de mélange. Placer le matériau dans la cavité avec un instrument adapté. Appliquer une distribution, faire effectuer 1 / 2 tour sur la dentition de la seringue dans le sens inverse des aiguilles d'une montre pour libérer la pression résiduelle dans la seringue. Remplacer le capuchon immédiatement après utilisation.

- Anm. :  
1. Fondamentalement, le matériau peut être appliqué en une seule couche pour obtenir, avec les teintes standard, une restauration esthétique. Pour plus de détails, se référer au paragraphe suivant.  
2. Peut être difficile d'extraire le matériau lorsqu'il est froid. Dans ce cas le laisser à température ambiante pendant quelques minutes avant d'être utilisé.  
3. Après distribution, éviter une trop longue exposition à la lumière ambiante. La lumière ambiante peut raccourcir le temps de manipulation.

### GRADIA DIRECT ANTERIOR: Irradiation Time and Effective Depth of Cure

Irradiation time	Plasma arc (2000mW/cm²)	3 sec.	6 sec.
GC G-Light (1200mW/cm²)	10 sec.	20 sec.	
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A1, A2, B1, B2, XBW, BW, DT  
A3, B3  
A3.5, A4, C3, A02, A03, A04, CV, CVD

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Shade	Halogen / LED (700mW/cm²)	20 sec.	40 sec.

P-A1, P-A2, P-WT, P-NT  
P-A3, P-A3.5

Note:  
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult the tables.  
2. Lower light intensity may cause insufficient curing or discoloration of the material.

### Finishing and Polishing

Finish and polish using diamond burs, polishing points and discs. To obtain a high gloss, polishing pastes can be used.

### Cleaning and Sterilizing of the Unipil APPLIER

1. Clean the applicator with gauze soaked in alcohol.
2. The applicator may be steam sterilized at 121-135°C (250-275°F) for 10 to 30 minutes or disinfected using alcohol.

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### Cleaning of the Shade Guide

The shade guide can be cleaned with water and mild soap. It should not be sterilized. The use of various chemical disinfectants / sterilants may cause damage to the shade guide.

### SHADES

1. 22 shades for anteriors  
Standard shade : XBW (Extra Bleaching White), BW (Bleaching White), A1, A2, A3, A3.5, A4, B1, B2, B3, C3, CV (Cervical Dark), CVD (Cervical Dark), Outside special shade : WT (White Translucent), DT (Dark Translucent), CT (Clear Translucent), NT (Natural Translucent), GT (Gray Translucent), CVT (Cervical Translucent)

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Outside special shade : P-WT (White Translucent), P-NT (Natural translucent)  
Note:  
A, B, C, AO shades are based on Vita®\* Shade.  
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### STORAGE



## GC GRADIA® DIRECT

LICHTHARDEND COMPOSIT VOOR RESTAURATIES

Alleen te gebruiken in de vermelde toepassingen door handboekgeleid gefabriceerde.

- ANDEVENDE TOEPASSINGEN**  
**A. GRADIA DIRECT ANTERIOR**  
 1. Directe restauraties in Klasse II, III, IV en V caviteiten.  
 2. Directe restauraties in wigvormige defecten en bij wortelcaries.  
 3. Directe restauraties op verrees en het sluiten van diastema.  
**B. GRADIA DIRECT POSTERIOR (rongtentzachtend)**  
 1. Directe restauraties in Klasse I en II caviteiten.

- CONTRA-INDICATIES**  
 1. Pulpa-overkapping.  
 2. In enkele zeldzame gevallen kan het product bij bepaalde personen overgevoeligheid veroorzaken. Indien dergelijke reacties optreden, gebruik het product dan niet langer en raadpleeg een arts.

**GEbruiksAANwijZing**  
 1. Kleureselectie  
 Reinig het element met puisteen en water. Maak een kleureselectie alvorens het behulp te isoleren. Selecteer de juiste GRADIA DIRECT kleuren met behulp van de GRADIA DIRECT kleurengids.  
 2. Voorbereiding  
 2.1. Preparer de caviteit met standaardtechniek.  
 2.2. Omkering - Verpak met calciumhydroxide voor pulpa-overkapping.  
 2.3. Aantgen van een bonding.  
 2.4. Het aanbrengen van GRADIA DIRECT

3. Aantrennen van een Unittip  
 3.1. Breng de GRADIA DIRECT Unittip aan in het Unittip pistool of in een gekniptooris instrument.  
 3.2. Het aanbrengen van GRADIA DIRECT

4. Het aanbrengen van GRADIA DIRECT  
 4.1. Aantrennen van een Unittip  
 4.2. Het aanbrengen van GRADIA DIRECT

4.3. Aantrennen van een Unittip  
 4.4. Het aanbrengen van GRADIA DIRECT

4.5. Aantrennen van een Unittip  
 4.6. Het aanbrengen van GRADIA DIRECT

4.7. Aantrennen van een Unittip  
 4.8. Het aanbrengen van GRADIA DIRECT

4.9. Aantrennen van een Unittip  
 4.10. Het aanbrengen van GRADIA DIRECT

4.11. Aantrennen van een Unittip  
 4.12. Het aanbrengen van GRADIA DIRECT

4.13. Aantrennen van een Unittip  
 4.14. Het aanbrengen van GRADIA DIRECT

4.15. Aantrennen van een Unittip  
 4.16. Het aanbrengen van GRADIA DIRECT

4.17. Aantrennen van een Unittip  
 4.18. Het aanbrengen van GRADIA DIRECT

4.19. Aantrennen van een Unittip  
 4.20. Het aanbrengen van GRADIA DIRECT

4.21. Aantrennen van een Unittip  
 4.22. Het aanbrengen van GRADIA DIRECT

4.23. Aantrennen van een Unittip  
 4.24. Het aanbrengen van GRADIA DIRECT

4.25. Aantrennen van een Unittip  
 4.26. Het aanbrengen van GRADIA DIRECT

4.27. Aantrennen van een Unittip  
 4.28. Het aanbrengen van GRADIA DIRECT

4.29. Aantrennen van een Unittip  
 4.30. Het aanbrengen van GRADIA DIRECT

4.31. Aantrennen van een Unittip  
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4.33. Aantrennen van een Unittip  
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## GC GRADIA® DIRECT

LYSPOLYMERISERENDE KOMPOSIT FYLDNINGSMATERIALE

Kun til brug af tandplejepersonale ved anbefalede indikationer.

- REKOMMENDEREDE INDIKATIONER**  
**A. GRADIA DIRECT ANTERIOR**  
 1. Til direkte fyldninger i kavitetklasserne II, IV, og V.  
 2. Til direkte fyldninger i V-formede defekter og karierede rodfarver.  
 3. Til direkte fæstmønstre faser samt lukning af diastema.  
**B. GRADIA DIRECT POSTERIOR (rongtentzachtend)**  
 1. Til direkte fyldninger i kavitetklasserne I og II.

- CONTRAINDIKATIONER**  
 1. Pulpaoverkapping.  
 2. I sjældne tilfælde kan materialet afstedkomme allergiske reaktioner hos nogle personer. I sådanne tilfælde anbefales det ikke yderligere at bruge produktet og en læge kan evt. opsiges.

**BRUGSANSVNING**  
 1. Færgval  
 2. For pulpaoverkapping, anvend calciumhydroxid.  
 3. Bonding  
 Til binding af GRADIA DIRECT til emalje og / eller dentin, anvend et lysghærdende bondingsystem såsom GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ eller GC G-enial Bond (Fig. 1). Følg producentens brugsanvisning

4. Applicering af GRADIA DIRECT  
 1) Dispenser fra en Unittip  
 Sæt GRADIA DIRECT Unittip i en Unittip appliceringspistol eller en tilsvarende model. Fjern hæften og vælg den passende indstilling. Efter dispensering, vil sprøjteskrue en halv til en hel omgang mod uret for at forhindre et tryk inde i spøjten. Sæt hæften på umiddelbart efter at materialet tørkornet. Herpåslæt det døjpe direkt på netbruget.  
 2) Dispenser med en sprøjte  
 Fjern hæften fra sprøjten og dispenser materialet på en blændeblæk. Anvender materialet i kaviteten med et passende instrument. Efter dispensering, vil sprøjteskrue en halv til en hel omgang mod uret for at forhindre et tryk inde i spøjten. Sæt hæften på umiddelbart efter at materialet tørkornet.  
 3) Dispenser med en sprøjte  
 Fjern hæften fra sprøjten og dispenser materialet på en blændeblæk. Anvender materialet i kaviteten med et passende instrument. Efter dispensering, vil sprøjteskrue en halv til en hel omgang mod uret for at forhindre et tryk inde i spøjten. Sæt hæften på umiddelbart efter at materialet tørkornet.

Bemærk:  
 1. Materialets standardfærg kan appliceres i et lag af fremstillede æstetiske tykkelser. Vedrørende detaljer, referer vi til Kliniske tips.  
 2. Materialet kan muligvis være svært at dispensere hvis det kommer direkte fra køleskab lige inden brug. Derfor skal materialet have rumtemperatur før brug.  
 3. Efter dispensering, undgå for lang eksponering i omgivende lys. Omgivende lys kan forårsage hærdningsstid.

4. Polering  
 4.1. Polering af materialet  
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## GC GRADIA® DIRECT

LYSPOLYMERISERANDE KOMPOSIT FYLLNINGSMATERIAL.

Enbart for bruk av tandvårspersonal till rekommenderade indikationer.

- REKOMMENDERADE INDIKATIONER**  
**A. GRADIA DIRECT ANTERIOR**  
 1. För direkta fyllningar i kavitetklasserna II, IV, och V.  
 2. För direkta fyllningar i V-formade defekter och karierade rottytor.  
 3. För direkta fyllningar i fasadser samt lukning av diastema.  
**B. GRADIA DIRECT POSTERIOR (rongtentzachtend)**  
 1. För direkta fyllningar i kavitetklasserna I och II.

- CONTRAINDIKATIONER**  
 1. Pulpaöverkapping.  
 2. I sällsynta fall kan produkten framkalla allergi hos känsliga personer. I sådana fall rekommenderas att använda, avbryt användningen av produkten och remittera till läkare.

**BRUKSANVISNING**  
 1. Färgval  
 2. För pulpaöverkapping, använd calciumhydroxid.  
 3. Bonding  
 För bonding av GRADIA DIRECT till emalj och / eller dentin, använd ett lysghärdande bondingsystem såsom GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ eller GC G-enial Bond (Fig. 1). Följ tillverkarens instruktioner.

4. Applicering av GRADIA DIRECT  
 1) Dispensera från Unittip  
 Sätt in GRADIA DIRECT Unittip i en Unittip appliceringspistol eller likvärdigt. Avlägsna förpackningsfilmen och pressa ut materialet direkt i den preparerade kaviteten.  
 2) Dispensering med en spruta  
 Avlägsna hatten från sprutan och dispenser materialet på ett blandningsblock.  
 3) Dispensering med en spruta  
 Avlägsna hatten från sprutan och dispenser materialet på ett blandningsblock.  
 4) Polering  
 4.1. Polering av materialet  
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## GC GRADIA® DIRECT

COMPOSITO FOTOPOLIMERIZÁVEL PARA RESTAURAÇÃO

Para utilização exclusiva por um profissional segundo as indicações respectivas.

- INDICAÇÕES:**  
**A. GRADIA DIRECT ANTERIOR**  
 1. Restauração directa de cavidades de classe II, III, IV, V.  
 2. Restauração directa de falhas em forma de cunha e cavidades radiculares.  
 3. Restauração directa de facetas e encerramento de diastemas.  
**B. GRADIA DIRECT POSTERIOR (radiopaco)**  
 1. Restauração directa de cavidades de classe I e II.

- CONTRAINDICAÇÕES**  
 1. Necessidade de protecção pulpar  
 2. Em casos raros, o produto pode provocar reacções de sensibilidade em algumas pessoas. Caso se observem reacções desse género, interrompa o uso do produto e consulte um médico.

**INSTRUÇÕES DE UTILIZAÇÃO**  
 1. Seleção de Tonalidades  
 Limpe o dente com pasta de dente pomada e água. A seleção da tonalidade deve ser feita antes do isolamento. Selecione as tonalidades GRADIA DIRECT adequadas com base no guia de tonalidades GRADIA DIRECT.

2. Preparação da Cavidade  
 Repare a cavidade usando técnicas padrão.  
 Nota:  
 Para a protecção pulpar, use hidróxido de cálcio.  
 3. Tratamento de Adesão  
 Necessidade de protecção pulpar  
 Para ligar o GRADIA DIRECT ao esmalte e/ou dentina, utilize um sistema de adesão fotopolimerizável como o GC Fuji BOND LC, GC UniFil® Bond, GC G-BOND™ ou GC G-enial Bond (Fig. 1). Siga as instruções do fabricante.  
 4. Aplicação do GRADIA DIRECT  
 1) Dispensar com uma ponta Unittip  
 Insira a ponta Unittip GRADIA DIRECT no APLICADOR Unittip ou equivalente.  
 Retire a tampa e espremer o material para a cavidade preparada é suficiente.  
 Utilizar pressão constante (Fig. 2). Manter a pressão no local do aplicador enquanto retira o APLICADOR Unittip e a Unittip da boca. Isso evita que a Unittip se mova para a cavidade.  
 2) Dispensar com uma seringa  
 Remover a aplicação da seringa e dispensar o material sobre uma placa de mistura. Aplicar o material na cavidade utilizando um instrumento de aplicação adequado. Depois de dispensar, rodar o êmbolo da seringa meia volta no sentido oposto ao dos ponteiros do relógio para liberar a pressão residual no interior da seringa.  
 Para a tampa imediatamente depois de usar.  
 Nota:  
 1. Basicamente, o material pode ser aplicado numa camada única em restaurações estéticas utilizando as tonalidades Standard.  
 Para os detalhes, consulte as Sugestões de Tratamento.  
 2. Pode ser difícil espremer o material imediatamente depois de o retirar da armazenagem no frasco.  
 Se o material não fluir, espere alguns minutos a temperatura ambiente normal.  
 3. Depois de dispensar, evitar uma exposição longa à luz ambiente. A luz ambiente pode encurtar o tempo de manipulação.

4. Polimento  
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## GC GRADIA® DIRECT

ΦΩΤΟΠΟΛΥΜΕΡΙΖΟΜΕΝΗ ΑΝΟΚΑΤΑΣΤΑΤΙΚΗ ΣΥΝΘΕΤΗ ΠΗΛΗΝΗ

Διατίθεται μόνο για οδοντιατρική χρήση και για τις προτεινόμενες ενδείξεις.

- ΠΡΟΤΙΜΩΜΕΝΕΣ ΕΝΔΕΙΞΕΙΣ**  
**A. GRADIA DIRECT ANTERIOR**  
 1. Σύνθετη ρητίνη άμεσης αποκατάστασης για καλότητες IIης, IVης, Vης ομάδας.  
 2. Άμεση αποκατάσταση σε αχνικά ελαττώματα τύπου σφήνας ή ραδικίων.  
 3. Υακό άμεσης αποκατάστασης για φέτες και κλείσιμο διαστημάτων.  
**B. GRADIA DIRECT ΟΠΙΣΘΙΩΝ (ακτινοαφές)**  
 1. Άμεση αποκατάσταση για καλότητες Iης και IIης ομάδας.

- ΑΝΤΙΕΝΔΕΙΞΕΙΣ**  
 1. Καμία πολικία.  
 2. Σε σπάνιες περιπτώσεις το προϊόν μπορεί να προκαλέσει υπερευαίσθησία σε κάποια άτομα. Αν παρατηρήσουν τέτοιες αντιδράσεις διακοπή τη χρήση του προϊόντος και αναζητήστε πατρική συμβουλή.

**ΟΔΗΓΙΕΣ ΧΡΗΣΗΣ**  
 1. Επιλογή απόχρωσης  
 Καθαρίστε το δόντι με πάστα και νερό. Η επιλογή της απόχρωσης πρέπει να γίνεται πριν από τη εφαρμογή του υλικού. Επιλέξτε την κατάλληλη απόχρωση GRADIA DIRECT με βάση τον χρωματικό οδηγό GRADIA DIRECT.  
 2. Προετοιμασία της κοιλότητας  
 Η προετοιμασία της κοιλότητας γίνεται με τις συνηθισμένες τεχνικές.  
 3. Εφαρμογή του συγκολλητικού παράγοντα  
 Για τη συσχληση της ρητίνης GRADIA DIRECT στην αδενική επιφάνεια του δοντιού, εφαρμόστε ένα φωτοπολυμερισμένο συγκολλητικό σύστημα όπως το GC Fuji Bond LC, GC UniFil® Bond, GC UniFil® Bond, GC G-BOND™ ή GC G-enial Bond (Fig. 1). Ακολουθήστε τις οδηγίες του κατασκευαστή.  
 4. Τοποθέτηση της ρητίνης GRADIA DIRECT  
 1) Η εφαρμογή του υλικού γίνεται με χρήση ενός ειδικού σύριγγας. Εισάγετε το ειδικό σύριγγας της GRADIA DIRECT στο ειδικό παλτό εφαρμογής ή άλλο κατάλληλο εργαλείο.  
 2) Τοποθέτηση του υλικού στην κοιλότητα γίνεται με προετοιμασμένη κοιλότητα. Χρησιμοποιήστε σταθερή πίε