crea.lign®

Veneering composite

Opalescence of crea.lign®
Dr. Vincenzo Musella, Modena, Italy

Opalescence of natural tooth
MDT Jürgen Freitag, Bad Homburg, Germany

create natural beauty
The aesthetic and functional system with unique material options, helping you to create natural beauty, function and physiology. The open system provides flexibility and freedom thanks to six components designed to complement one another: crea.lign®, novo.lign®, neo.lign®, visio.CAM, visio.paint & bond.lign. The combination of these components allows a variety of workflows and implant prosthetic solutions, each with perfect results.

visio.lign® – the system for stability and reliability. The result: durable prosthetic restorations featuring colour stability and superior load capacity.
The secret of crea.lign®

“Natural opalescence”
crea.lign® –
The light-curing ceramic composite
for natural beauty

Photo: © 2016 “Zirconia substructure veneered with crea.lign®”
A custom-made restoration by Bettina Wilson (Dental Technician), bredent GmbH & Co. KG
1. crea.lign® veneering composite for permanent veneering of metal, ceramic and polymer substructure. The exceptional material properties adapt elasticity and hardness of crea.lign® to the various substructure materials. crea.lign® contains only nano particles and no ground glass filler. It consists of 50 % opalescent ceramic filler and a high-strength oligomer matrix.

2. The omission of hard glass fillers results in optimised resistance to plaque and abrasion and prevents embrittlement of the material.

3. Agglomeration effects (lumping) in the material are avoided and a homogeneous and dense surface is achieved with a particle size of approx. 40 µm.

4. The crea.lign® veneering composite is available as a gel and a paste. Thanks to the flowability of crea.lign® improved masking and gap-free transitions to the veneer is achieved.
Natural aesthetics and function
crea.lign® veneering composite sets new standards

Take advantage of the benefits of crea.lign®

A. Natural beauty

- Natural opalescence
- Outstanding effect of depth thanks to specific refractive indices
- Translucency (more options than in ceramics)
- Design and layer structure according to natural teeth
- **Red-white aesthetics in 1 system:** Matched crea.lign® materials for individualising teeth and gingiva
- **Classic range of shades** (A-D and Bleach) and additional Enamel/Incisal and GUM materials and a transparent crea.lign® Gel (Transpa Clear)

B. Physiology

- Clearly higher impact strength than ceramic (protects the antagonist by reducing the occlusal force)
- Abrasion values comparable to those of natural teeth
- Simple and fast reconstruction of the gingiva for all implant-prosthetic restorations
- Chemical bonding to all substructure materials
- Result immediately visible: “What you see is what you get”
- Shade stability and plaque resistance thanks to excellent polishing properties and minimal water absorption
- Optimised for implant-prosthetic restorations

C. Reliability

- Clearly higher impact strength than ceramic (protects the antagonist by reducing the occlusal force)
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Range of applications

- **Freestyle layering**
  - Standard aesthetics
  - High-end aesthetics
  - Red aesthetics
  - Light-up modelling

- **Individualising**
  - **Red-White aesthetics**
    Cut-back & individualisation
  - CDL by MDT Christian Dalla Libera

- **Guided layering**
  - visio.lign® technique
    Completion of the novo.lign® veneers
  - TTT
    Table Top Template
  - CGS by ZTM Andrea Foschi
  - ILT by Dr. Vincenzo Musella

See pages 8 to 11
See pages 12 to 15
See pages 16 to 19
Benefits for the dental practice

D. Intraoral application

- Approved for oral use:
  for intraoral application
- Repair of chipping for all veneering materials
- Transition areas toward repairs not visible
- “What you see is what you get”: Result is immediately visible and can be adapted
- Adjustments without loss in quality during try-in
- Result on the level of supra ceramics
Freestyle layering

Standard aesthetics
“Simple”

Achieve outstanding results quickly and easily using just three crea.lign® materials.

Tooth construction using just three shades crea.lign®

Shade matching with the shade tab confirms: crea.lign® enables almost perfect reproduction of the tooth shade with three materials only.

Standard layering

A3 Dentin

E2 Enamel

I1 Incisal opal
High-end aesthetics

“Accurate in every detail”

Reproducing the variety of individual characteristics of the tooth with only seven different crea.lign® shades.

Natural tooth or crea.lign®?

The original can hardly be distinguished from the reproduction. Perfect reproduction of the natural tooth thanks to natural opalescence, translucency and specific refractive indices of the crea.lign® material. Design, layer structure and effect of depth based on natural teeth.

Distinctive individual layering

Photo of crea.lign® freestyle “Harmonious and accurate in every detail”
© 2016 by MDT Christian Dalla Libera, Padua, Italy
Red aesthetics

“Vivid”

Layering with crea.lign® Gel

Layering with crea.lign® Paste
Light-up modelling

“Efficient”

Simplify the application of layers by briefly curing the crea.lign® materials using the small hand lamp.

CONVENIENT!
The small hand lamp is integrated in the crea.lign® syringe and can be removed if required.
Red-White aesthetics
Cut-back & individualising

Individualising

Red-White aesthetics
Cut-back & individualising

Photos of Red-White aesthetics:
© 2016 by MDT Christian Dalla Libera, Padua, Italy
“Individualisation with crea.lign® for a truly natural result”

crea.lign®
CDL - Creative Dynamic Layering
by MDT Christian Dalla Libera

Benefits of CDL

• Natural effect of depth achieved with minimal effort
• Reliable creation of effects with the crea.lign® product range
• Individualisation techniques for red-white aesthetics

Natural effect of depth, simple and reliable – thanks to effective layering and staining technique

Photos of CDL:
© 2016 by MDT Christian Dalla Libera, Padua, Italy
“Freestyle layering & individualising”

crea.lign®
visio.lign® technique

Building up the novo.lign® veneers

crea.lign® is applied to the basal surface of the bridge unit and polymerised.

Final polymerisation of the built up novo.lign® veneers in the bre.lux Power Unit 2 light-curing device.

The finished veneers consisting of novo.lign® veneers and crea.lign® composite.

Photos of the visio.lign® technique:
© 2016 by MDT Lars Osemann, Wiesbaden, Germany
Anatomical occlusal surfaces can be quickly and easily fabricated with the highly flexible Gnathoflex silicone moulds. For this purpose, crea.lign® materials are filled into the mould and polymerised.

The polymerised occlusal surface is fixed on the coping and the elastic Gnathoflex mould is removed.

The tooth shape is built up with the crea.lign® materials.
CGS – Customised Guided System
by MDT Andrea Foschi

Benefits of CGS

- Accurate reproduction of the tooth shape, function and the aesthetic set-up (preview)
- Reliable reproduction of the shade by guided layering
- Veneer or denture tooth in the preview are part of the completed restoration

Functional set-up with the neo.lign® denture teeth. Impression of the silicone key: palatal, occlusal and vestibular.

Cut-back of the neo.lign® denture teeth.

Individualisation by applying the crea.lign® material. The matrices that were previously removed are held repeatedly against the restoration to verify and ensure the shape and proper function.

The completed restoration.

Photos of CGS:
© 2016 by MDT Andrea Foschi, Ravenna, Italy
ILT – Inverse Layering Technique
by Dr. Vincenzo Musella

Benefits of ILT

- Small volume:
  ideal for occlusal ("Table Tops") and aesthetic anterior veneers.

- reduced polishing:
  thanks to the smooth surface of the matrix, a single polishing step is sufficient to achieve high gloss

1. Initial situation of the patient.
2. Model of the initial situation.
4. The various crea.lign® materials are applied (inverse layering) in the matrix.
5. Veneers in situ after permanent bonding.

Extremely thin, individually layered non-prep veneers

© 2016 by Dr. Vincenzo Musella, Modena, Italy
“crea.lign® veneering composite - for perfect harmony of red-white aesthetics.”
Intraoral, permanent repairs on the “level of supra ceramics”

Intraoral application

- Approved for oral use: for intraoral application
- Repair of chipping of all veneering materials
- “What you see is what you get”: Result is immediately visible and adaptable
- Firing in the furnace is not required
- Fast repair in situ: direct and simple

Permanent repair without loss in quality

- Material is approved for permanent repairs
- Uncompromised aesthetics: no differences in the shade and “repair transitions” can be recognised
- No deterioration of mechanical properties
- The result is on the level of supra ceramics
The Chipping Repair Kit

Chipping cases easily and simply repaired

- Primer can be used in combination with all prosthetic materials
- crea.lign® Incisal and Dentin materials (in A2 and A3 for masking 80% of all cases)
- Just one Chipping Repair Kit for 100 treatments
- No hydrofluoric acid required

Chipping Repair Kit for dentists

REF CLIGNSETA:
includes crea.lign® composites in the shades A2/A3 including 4 primers and consumables.
crea.lign® freestyle system components

**crea.lign® Gel**

**Dentin**

- **Gel**
  - A1
  - A2
  - A3
  - A3,5
  - BL3

**GUM**

- **Gel**
  - G1 light
  - G2 rosa
  - G3 pink
  - G4 red
  - M4 lila

**Transpa Clear**

- **Gel**
  - T1 clear

**Enamel & Incisal**

- **Gel**
  - E1
  - E2
  - E3
  - E4
  - 11 opal
  - 12 blue
  - 13 rose
  - 14 universal

**Modifier**

- **Gel**
  - M1 beige
  - M2 olive
  - M3 caramel
  - M5 umbra
The flowability of crea.lign® Paste and Gel can be increased with crea.lign® Modelling Liquid.

⚠️ When mixed with crea.lign®, the proportion of Mixing Liquid must not exceed 30%.
crea.lign® system components

crea.lign®

freestyle complete set

115 pcs., aluminium case

“The complete solution for professionals”
Freestyle layering on PM/NPM, ceramic, zirconia, PMMA, nova.lign® veneers and neo.lign® denture teeth as well as high-performance polymers, such as BioHPP® and CAD/CAM materials, such as visio.CAM.
The complete set includes all available shades of the crea.lign® opaque, paste, gel and stains as well as visio.paint and the bond.lign primers/bonders.

REF CLIGNSETFK
Red-White aesthetic set

19 pcs.

“All you need for the gingiva”
Use the crea.lign® GUM materials in the visio.lign® system to individualise your dentures to achieve high-end aesthetics. Offer your customers this individualisation service and increase the profitability of your laboratory. Use your dentures to improve the reputation of your laboratory.

REF CLIGNSETG
The consistency of crea.lign® allows optimal use of the “Inverse Layering” technique since I am able to spread the various materials very precisely. Both the transitions in the finishing stage and polishing can be completed very easily thanks to the materials compactness and homogeneity, which ensures aesthetic, predictable and durable results.

Dr. Vincenzo Musella

The crea.lign® Gel GUM veneering material takes the benefits of substructures made of high-performance polymers to the next level. Feeling in the mouth, appearance and durability are a unique combination.

MDT Philipp von der Osten
The perfect interaction of the neo.lign® denture teeth and the crea.lign® veneering composite enables individual, three-dimensional and dynamic layering in red-white aesthetics - for a lasting and harmonious smile of the patient.

MDT Christian Dalla Libera

After a long search I have finally found a composite that does not only provide ceramic-like properties, such as durability and translucency, but also excels with its natural opalescence. After I discovered crea.lign®, I hardly see any reason to use ceramics.

MDT Andrea Foschi
Overview of visio.lign® media

crea.lign®
Red-White Aesthetic
Learn more about the possibilities of crea.lign® in red-white aesthetics.

bre.Lux
PowerUnit 2
The LED light-curing device is optimised for processing crea.lign® - a short summary of the most relevant information.

neo.lign®
Denture teeth
Design and function of the neo.lign® denture teeth will fascinate you. Discover the variety of teeth and select your favourite design.
**crea.lign®** - veneering composite
The light-curing composite features impressive natural opalescence and unparalleled light transmission for natural beauty.

**novo.lign®** - veneers
The novo.lign® veneers feature an extended neck and a natural depth thanks to the morphological layer structure. The gold standard in implant prosthetics.

**visio.CAM** - composite blanks
The material benefits from the visio.lign® system is also available for CAD/CAM processing. The blanks from the visio.CAM line are compatible with the entire visio.lign® system.

**neo.lign®** - denture teeth
The neo.lign® denture teeth feature the same shades, designs and materials as the novo.lign® veneers – optimised for fixed/removable restorations.

**bond.lign** - primer/bonder
The primer/bonder system for a permanent and secure chemical adhesive bond between all system components and common framework materials – including BioHPP® (PEEK).

**visio.paint** - stains
The visio.paint stains enable fast and simple individualisation of veneers.