

# Direct Restoratives



When **simplicity**  
meets **esthetics**

Efficient  
Esthetics



Importers & Dealers in Quality Dental Goods

ivoclar  
vivadent®

# Efficient Esthetics

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Products that are optimally coordinated for direct restorative procedures enhance the efficiency with which high-quality esthetic restorations can be achieved.

**Achieve high-quality esthetics.  
Maximize efficiency.**



Up to  
**51%**  
time savings<sup>[1]</sup>



# OptraGate®

## Moisture control made easy

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OptraGate® is a latex-free lip and cheek retractor. The aid's unique flexibility and elasticity make it comfortable to wear and assist patients to keep their mouth open.

**Effective isolation**  
due to easier access

Focused and **efficient**  
**treatment procedures**



Used in over

# 200

**million** treatments to date\*

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# Tetric® N-Bond Universal

## Universal adhesion with advanced delivery

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Tetric® N-Bond Universal is a light-curing, single-component adhesive for direct and indirect bonding procedures and all etching protocols<sup>[2]</sup>. It is the only universal bonding agent available in the efficient VivaPen® delivery form.

**Universally suitable** for direct and indirect bonding procedures and all etching protocols<sup>[4]</sup>

**Efficient VivaPen® delivery form** provides up to 4 times more applications per ml compared to conventional bottles<sup>[5,6]</sup>

**Integrated desensitizing effect** for minimizing the risk of postoperative sensitivity<sup>[13]</sup>

Desensitizing  
**EFFECT**

**Curing times starting from 5 seconds**  
(with a light intensity of 2,000 mW/cm<sup>2</sup>)

**High bond strength**  
(> 25 MPa) on wet and dry dentin

**WET & DRY  
BONDING**

## Fast and convenient

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[4] Except in cases where sufficient exposure to the curing light cannot be ensured (e.g. adhesive cementation of endodontic posts)





single-tooth applications<sup>[3]</sup>

**Universal application**  
for direct and indirect restorations<sup>[2]</sup>

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# Tetric® N-Line

## The solution for all cavities<sup>[4]</sup>

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The Tetric line of products offers four carefully matched composite materials for direct restorative treatments.

**Tetric® N-Ceram** is a sculptable universal composite and **Tetric N-Flow®** is a flowable universal composite for anterior and posterior restorations.

**Tetric® N-Ceram Bulk Fill** is a sculptable 4-mm composite for posterior restorations and **Tetric® N-Flow Bulk Fill** is its flowable counterpart.

Chameleon effect ensures  
**a natural shade blend**

**True-to-nature esthetics**  
for posterior restorations

**Time savings** of  
up to **51%**<sup>[1]</sup>



More than **160**  
**million fillings placed\***

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\*Based on sales figures

# IPS Empress® Direct

## The composite for highly esthetic fillings

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IPS Empress® Direct is a highly esthetic composite for filling cavities in anterior and posterior teeth. It is available in five different translucency levels. Therefore, different types of anatomical features can be faithfully reproduced.

**Lifelike shades** for natural-looking restorations

Easy application of shade nuances with **Trans Opal**

**Long-lasting** esthetic results

**Convenient handling** for sophisticated requirements

**Clever** mastery of demanding restorations





More than

**25**  
**million** restorations  
placed worldwide\*

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# OptraSculpt®

## Time-saving contouring due to anti-stick properties

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OptraSculpt® and OptraSculpt Pad are contouring instruments suitable for the non-stick shaping and contouring of surfaces. They are specially designed to shape unpolymerized sculptable composites in direct restorative treatments.

**Outstanding esthetics:**

no instrument marks on  
the restoration surface

**Easy contouring**

due to non-stick effect

**Reduced effort**

in finishing and polishing



Only **4** shapes  
for the anterior and  
posterior region



# Reliable curing, short exposures

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The innovative Bluephase® N G4 is designed for the intraoral polymerization of light-curing dental materials.


**Reliable curing performance** for direct and indirect restorations

**Short curing times** starting from 5 seconds due to high light intensities\*

**Suitable for all current light-curing materials** due to Polywave LED

**Wide 10-mm light guide** for time-saving single-exposure curing procedures

**Additional PreCure program** for the removal of excess cement



Contactless battery charging

Homogeneous  
light emission performance

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Backlit display  
for optimized hygiene

Ergonomically designed to fit  
comfortably in every hand

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**5-second curing times\***

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\* only in conjunction with the Bluephase N G4

# OptraGloss®

## Efficient polishing of composite resin restorations

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OptraGloss® are universal polishers coated with micro-fine diamond particles. The high-gloss polishers are ideally suited for the polishing of all popular composite resin fillings.



OptraGloss® polishers are designed to meet the polishing needs of ceramic materials.

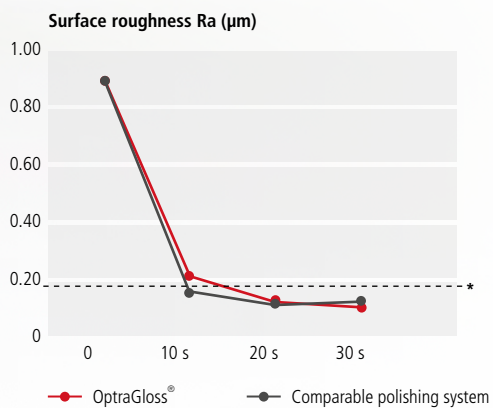
- Particularly smooth and shiny restoration surfaces
- No additional polishing paste needed
- High gloss of various ceramic surfaces in two steps (e.g. IPS Empress® CAD and IPS e.max® CAD)<sup>[11]</sup>

IDEAL FOR  
IPS **e.max®**

# High lustre in just one step

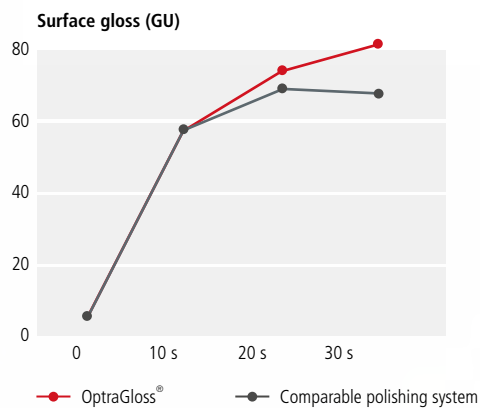
OptraGloss imparts a natural-looking, beautiful high lustre to composite resin fillings. Due to a high diamond content of up to 70%wt, very good polishing results are ensured.

Smooth surfaces that minimize  
plaque retention<sup>[5]</sup>

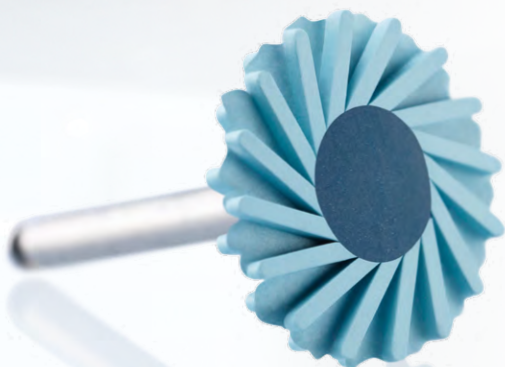


\* Clinically relevant threshold value (Bollen, C.M. et al., 1997)

Only a few seconds are needed to achieve an  
excellent surface gloss in one polishing step



Sources: In-vitro tests involving competitive polishing systems; composites: Tetric EvoCeram® (Dr S. Heintze, Ivoclar Vivadent, Schaan, 2018)



## Spiral Wheel shape

One instrument for every  
tooth surface

# Efficient esthetics – even better together

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The efficiency of the treatment procedure can be enhanced even further by combining the Tetric N-Line with other state-of-the-art products from Ivoclar.

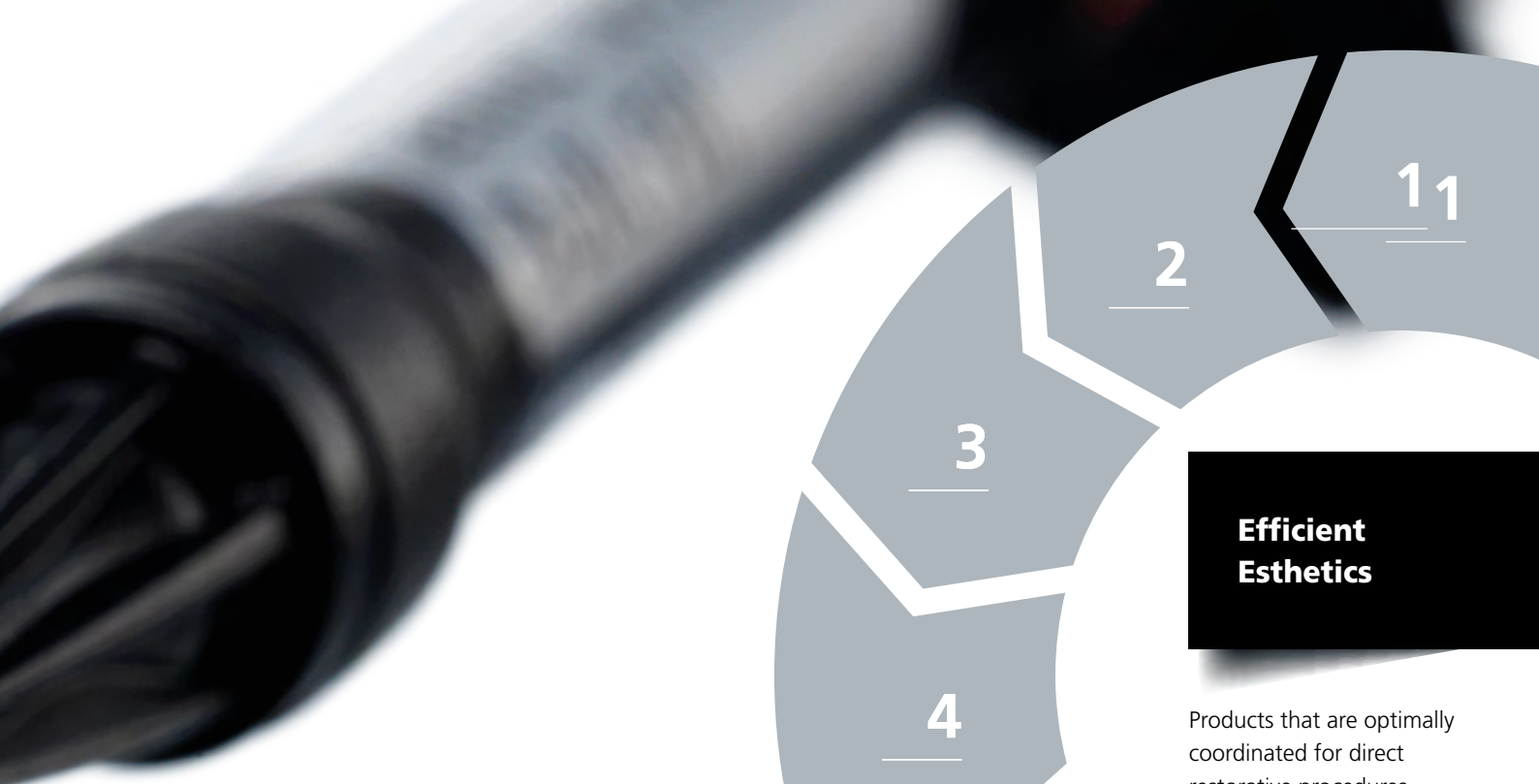
// The Tetric N Line of products offers us endless possibilities for all our restorative needs. From isolation up to the maintenance phase – every product provided in the Direct Restorative workflow comes as a bundle of easy solutions and represents a complete end-to-end solution for me. Simply put: proven products that help us achieve predictable success. //

**Dr Mohan Bhuvaneswaran**  
India, 2021



#### Sources:

- [1] Only suitable for Class I & II restorations in posterior teeth light-cured from the occlusal aspect.
- [2] Except in cases where sufficient exposure to the curing light cannot be ensured (e.g. adhesive cementation of endodontic posts)
- [3] Berndt & Partner, VivaPen Benchmarking Study, Study Report, April 2022.
- [4] Cavity Classes I-V according to G.V. Black
- [5] Morgan M. Finishing and polishing of direct posterior resin restorations. Pract Proced Aesthet Dent 2004;16:p 212, paragraph 2-3
- [6] Latifi-Xhemajli B et al., Community Dental Health 2019, 36, p. 190–194.
- [7] Turska-Szybka A et al., Caries Res. 2021, 55, p. 137–143.
- [8] Sobierajska M, Thesis "In vitro Role of Ammonium Fluoride on Enamel Erosion and Attrition", King's College London Dental Institute, London, July 2021.
- [9] Idris H, Thesis "Role of Ammonium Fluoride on dentine erosion and attrition in vitro", King's College London, Faculty of Dentistry, Oral and Craniofacial Sciences, July 2021.
- [10] Bolis C et al., Oral Health Prev. Dent. 2015, 13, p. 545-556.



## Efficient Esthetics

Products that are optimally coordinated for direct restorative procedures enhance the efficiency with which high-quality esthetic restorations can be achieved.



### 1 Isolate

Effective isolation<sup>[4]</sup> with **OptraGate®** and **OptraDam**



### 2 Bond

Direct intraoral application of **Tetric® N-Bond Universal** with the efficient VivaPen®



### 3 Restore

**Tetric® N-Line** – the solution for all cavities



### 4 Contour

Time-saving contouring with **OptraSculpt®** due to its anti-stick effect



### 5 Cure

Reliable and fast curing with the **Bluephase®** curing units



### 6 Polish

High-gloss polishing in only one step with **OptraGloss®**



### 7 Protect

Increased protection with immediate fluoridation with **Fluor Protector S** <sup>[6-10]</sup>



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