

Achieve
high-quality esthetics.
Maximize
efficiency.

Direct Restoratives

Our solution
for efficient esthetics



Achieve high-quality esthetics. Maximize efficiency.

Maximize the efficiency of your workflow and give your patients a beautiful smile – with our modern product portfolio for direct restorative treatments.

Esthetics

Unlock natural esthetics and effortless anatomical contouring in the anterior and posterior region with our products for direct restorative treatments.

Quality

We prioritize high quality – from isolation to protection against dental caries and erosion. Reliable polymerization, integrated desensitizing effect^[1] and low susceptibility to fractures^[2] are just a few of the advantages that our high-quality products offer.

Efficiency

Increase the efficiency of your posterior treatment process by up to 51%. Short curing times starting from 3 seconds^[3] and composite layer thicknesses of up to 4 mm^[4] enable you to do just that.

Save up to **51% on time**



Find out more about our solution for direct restorative procedures: www.ivoclar.com/direct-restoratives

[1] The integrated desensitizing effect of Adhese Universal minimizes the risk of postoperative sensitivities. See: Platt, J. A. et al. Dentaleconomics, 2016, p. 71-72.
[2] The composites of the Tetric line feature a high flexural strength according to ISO 4049.
[3] Adhese Universal, Tetric PowerFill and Tetric PowerFlow can each be cured in 3 seconds from the occlusal aspect with the 3sCure program when creating Class I and II restorations in permanent posterior teeth. Light-cure with a light intensity of 3,000 mW/cm².
[4] Only in conjunction with Tetric PowerFill and Tetric PowerFlow.

Isolate with OptraGate®

Relative moisture control made easy

Our latex-free lip and cheek retractor provides generous access to the treatment field and ensures relative isolation. So, you can relax and focus on providing your service efficiently in numerous clinical situations.

Enjoy a relaxed and efficient workflow with OptraGate.

- ✓ Effective and quick relative isolation
- ✓ Easy to place due to three-dimensional flexibility and soft, elastic material
- ✓ Ensures an easily accessible, manageable treatment field in various clinical situations

Your patients can relax, too.

- ✓ Assists patients in keeping their mouth open
- ✓ Good compatibility
- ✓ Comfortable to wear due to the soft elastic material and the possibility to choose from various sizes

A good fit matters:

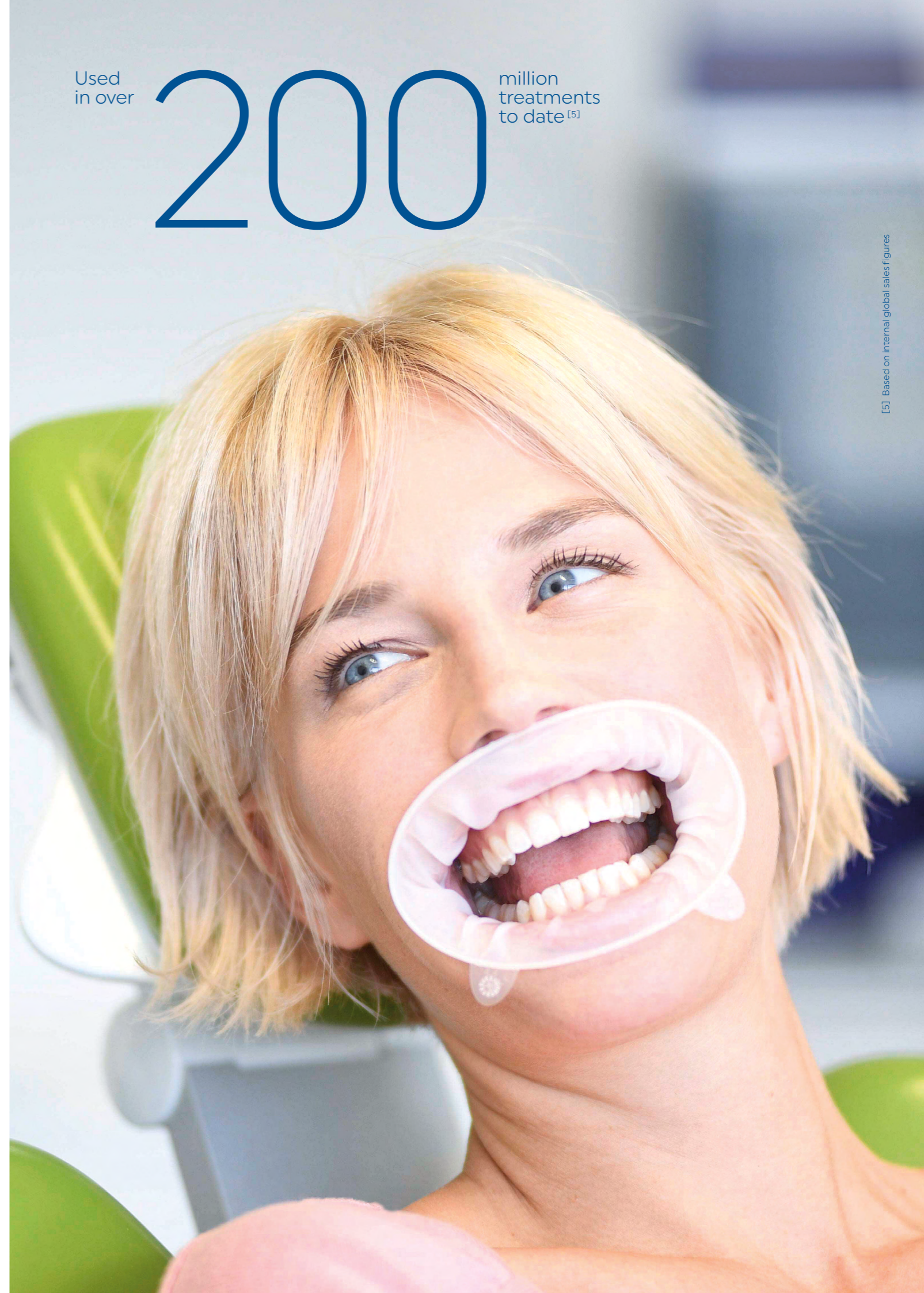
Available in various sizes for adults and children



Used in over

200

million treatments to date^[5]



Bond with Adhese® Universal

Top quality in the efficient VivaPen

Adhese Universal is our single-component, light-curing adhesive for direct and indirect bonding procedures^[6] and all etching protocols. The innovative VivaPen allows you to apply the adhesive efficiently directly in the patient's mouth.

4x
Up to more applications^[9,10]

- ✓ Universal application for direct and indirect restorations and all etching protocols^[6]
- ✓ Consistently high bond strength (> 25 MPa) on dry and moist dentin
- ✓ Integrated desensitizing effect for a minimized risk of postoperative sensitivities^[8]
- ✓ Efficient VivaPen: provides up to four times more applications per ml compared with conventional bottles^[9]

Fast and controlled intraoral application^[7]

Click & bond: accurate dispensing due to the precise and easy click mechanism

Unobstructed view of the operating field during application

Bendable tip for optimum application in any tooth region and any cavity

Exchangeable cannula with a flocked tip

Fill-level indicator: up to 187 single-tooth applications are possible with 1 VivaPen.^[9]

[6] Except in cases where sufficient exposure to curing light cannot be ensured (e.g. cementation of endodontic posts)
[7] A protective sleeve must be used in intraoral procedures.
[8] Platt J. A. et al., Dentaleconomics, 2016, p. 71-72
[9] Berndt & Partner, VivaPen Benchmarking Study, Study Report, April 2022
[10] Per ml of content in the pen compared to conventional bottles

Restore with the Tetric® Line

The solution for all cavity classes^[11]

The Tetric Line consists of four coordinated composite resins in various consistencies and shades that you can use in combination. They bring proven quality together with modern technologies.

More than **730** million fillings placed throughout the world to date^[12]

Universal composites Tetric® Prime and Tetric EvoFlow® for the anterior and posterior region

- ✓ Natural shade blend due to the distinctive chameleon effect
- ✓ Excellent handling characteristics with the sculptable Tetric Prime
- ✓ Precise application with the flowable TetricFlow
- ✓ Easy and efficient polishability

4-mm composites Tetric® PowerFill and Tetric® PowerFlow for the posterior region

- ✓ Natural esthetics thanks to Ivocerin and Aessencio technology
- ✓ Same performance and esthetic appearance as conventional composites
- ✓ Low susceptibility to application-induced air entrapments
- ✓ Placement in 4-mm increments for an efficient treatment process and time savings of up to 51%
- ✓ Short curing times starting from 3 seconds



[11] Cavity classes I-V according to G. V. Black
[12] Based on internal global sales figures

Contour with OptraSculpt®

Smooth shaping due to non-stick effect

Shape your composite restorations easily and effortlessly using our contouring instruments OptraSculpt and OptraSculpt Pad. Specially designed attachments and non-stick properties allow for easy adaptation.

- ✓ Various attachment shapes for contouring anatomical features
- ✓ Minimal risk of application-induced air entrapments
- ✓ Time-saving, mark-free contouring thanks to the non-stick effect
- ✓ Mark-free contouring minimizes the effort in finishing and polishing
- ✓ Reduced stickiness of the composite versus the instrument

OptraSculpt
for posterior restorations



Ball
Adapting the material



Pointed tip
Shaping the fissures



Chisel
Contouring the proximal margins

OptraSculpt Pad
for anterior restorations



4-mm pad
Direct veneering



6-mm pad
Direct veneering and contouring of extensive reconstructions



Reference scales for recording the width and axis alignment of the upper anterior teeth

Cure with the Bluephase® PowerCure

Intelligent curing at your fingertips

A curing light that you can trust: The Bluephase PowerCure is the first intelligent high-performance unit for the intraoral curing of all types of light-curing dental materials.

Overview of exposure times with the Bluephase PowerCure^[13]

Materials	Light intensity (mW/cm ²)	Exposure time	Curing program
Tetric Line, Adhese Universal	900–1400	10 s	High
Tetric Line, Adhese Universal	1,800–2,200	5 s	Turbo
Tetric PowerFill, Tetric PowerFlow, Adhese Universal	2,700–3,300	3s ^[14]	3 sCure



The 3sCure program enables reliable curing of Adhese Universal, Tetric PowerFill and Tetric PowerFlow in just 3 seconds.^[14]

With the backlit display, you always know which light-curing program and exposure time you are using.

- ✓ Intelligent and reliable light-curing process
- ✓ Suitable for all types of light-cured dental materials
- ✓ Provides guidance on curing programs and exposure times
- ✓ Short exposure times, starting from 3 seconds

Activate the
intelligent curing assistant

to allow the unit to detect any movement of the handpiece during the light-curing process and alert you to any improper operation.^[15]

^[13] Detailed information about the exposure times can be found in the respective Instructions for Use of the material being used.
^[14] Only suitable for Class I & II restorations in permanent posterior teeth, light-cured from the occlusal aspect.
^[15] Please refer to the Operating Instructions for a complete explanation of the device's functionalities and operation.

Polish with OptraGloss®

High-gloss polishing in a single step

Polish composite restorations to a high gloss in a single step using OptraGloss, our universal diamond polisher.

- ✓ Beautiful natural gloss in only one step
- ✓ No additional polishing paste needed
- ✓ High diamond content of up to 70 wt%^[16] results in smooth restoration surfaces that help minimize plaque build-up

Available in four shapes:



Cup



Flame



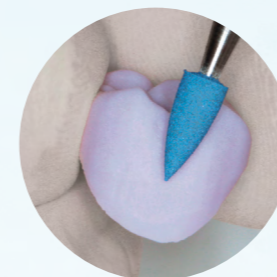
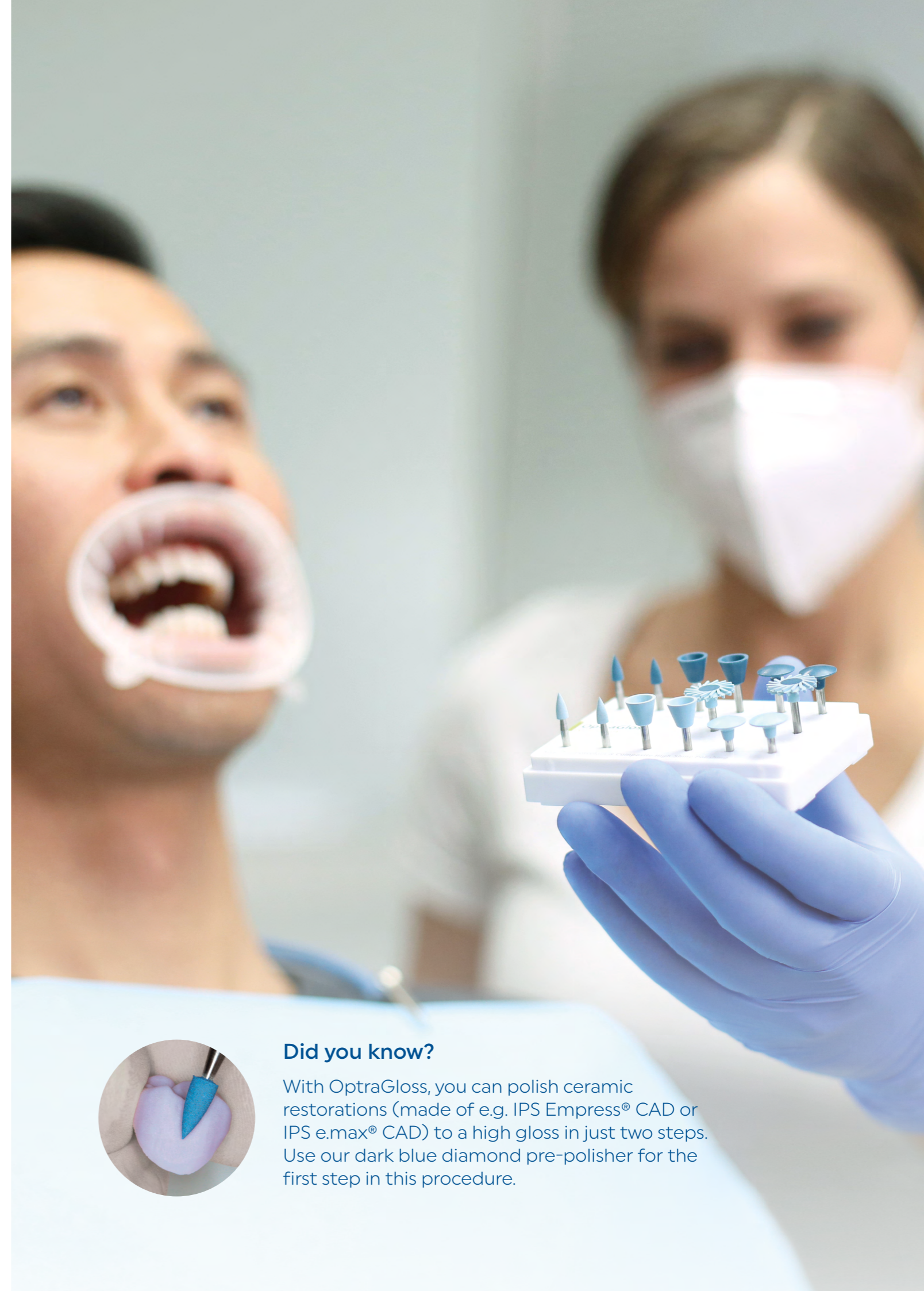
Lens



Spiral wheel

Especially popular among our customers

[16] Morgan M., Pract Proced Aesthet Dent, 2004, 16, p. 212



Did you know?

With OptraGloss, you can polish ceramic restorations (made of e.g. IPS Empress® CAD or IPS e.max® CAD) to a high gloss in just two steps. Use our dark blue diamond pre-polisher for the first step in this procedure.

Protect with Fluor Protector S

Protection against dental caries and erosion^[17-20]

Protect the smiles of your patients. Fluor Protector S is a protective varnish applied to strengthen the dental enamel directly and effectively with fluoride and build up a long-lasting fluoride depot.^[21]

Low during application – high after setting

Low fluoride concentration (7,700 ppm) during application, high fluoride concentration (up to 29,000 ppm) after setting.^[24]

Ready for use –
no mixing required

- ✓ Colourless for optimal esthetics
- ✓ Increases the acid resistance of enamel and dentin^[17, 18, 22]
- ✓ Controlled topical fluoride application for better dosing management
- ✓ Suitable for the treatment of pre-school children



[17] Latifi-Xhemajli B et al., Community Dental Health 2019, 36, p. 190-194

[18] Turska-Szybka A et al., Caries Res. 2021, 55, p. 137-143

[19] Sobierajska M, Thesis "In vitro Role of Ammonium Fluoride on Enamel Erosion and Attrition", King's College London Dental Institute, London, July 2021

[20] 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

[21] Bolis C et al., Oral Health Prev. Dent. 2015, 13, p. 545-556. King's College London Dental Institute, London, July 2021

[22] Albagami H, Thesis "Evaluating the Protective Effect of Fluoride Varnishes on Enamel Subjected to Demineralization and Tooth-Brush Abrasion", Nova Southeastern University, 2018

Efficient treatment. More time for you and your patients.

Light-cure Adhese Universal, Tetric PowerFill and Tetric PowerFlow in just three seconds using the 3sCure program.^[23] Shorter chairside times mean more time for you and shorter periods of distress for your patients.



"Fast-curing materials such as Tetric PowerFill and Tetric PowerFlow, which can be applied in layers of up to 4 mm, enable us to improve the patient experience in our dental practice. Simultaneously, we can optimize chairside time, as the dental bonding and layering procedure in the posterior area is less time consuming."

Dr Nicola Ragazzini, Italy



Reduce your chairside
time in posterior
procedures by up to

51%

using our
3s PowerCure
products.

[23] Applies only when light-curing Class I or II restorations in permanent posterior teeth from the occlusal aspect

Direct restorative procedures for efficient esthetics

Harness the power of our coordinated products for direct restorative procedures to create high-quality esthetic restorations efficiently.



Isolate

Comfortable relative isolation with OptraGate



Bond

Efficient bonding with the Adhese Universal VivaPen



Restore

Tetric Line – The solution for all cavity classes



Contour

Effortless contouring with OptraSculpt



Cure

Powerful performance with Bluephase PowerCure



Polish

Shiny surfaces with OptraGloss



Protect

Effective prevention with Fluor Protector S