

VITAPAN EXCELL®

Perfect shape. Shade accuracy. Light dynamics.



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue: 02.17

VITA shade, VITA made.

VITA

CONCEPT AND BENEFITS

VITAPAN EXCELL® is a new generation of denture tooth for brilliant vitality of shape, shade and play of light. More information can be found on the following pages.



VITAPAN EXCELL: Tooth moulds with vitality and golden proportions

BRILLIANT VITALITY IN SHAPE, SHADE AND PLAY OF LIGHT



What?

- VITAPAN EXCELL is a new generation of MRP composite anterior tooth that boasts a brilliant play of shape, shade and light for natural-looking dentures.

What for?

- VITAPAN EXCELL is perfect for highly esthetic full, partial and implant-retained dentures.

With what?

- VITAPAN EXCELL Anterior and VITAPAN LINGOFORM Posterior are the matched, multifunctional combination for all common occlusal concepts.



lifelike three-dimensional moulds

brilliant play of shade and light

THE BENEFITS



Naturally esthetic results

- Simple fabrication of highly esthetic dentures due to lifelike tooth moulds with "golden" proportions

Brilliant play of shade and light

- Brilliant play of shade and light thanks to excellent light dynamics and harmonious shade progression

Very good shade accuracy

- Allows good shade reproduction with remaining natural dentition, due to excellent shade accuracy to the shade guide

High durability

- Excellent durability you can rely on, thanks to abrasion-resistant MRP composite material



Criteria for a new generation

An anterior tooth requires:

- ✓ "Golden" proportions in terms of length, width, etc.
- ✓ Perfectly aligned tooth axes
- ✓ Natural angle/curvature characteristics

An anterior tooth needs:

- ✓ Natural light transmission
- ✓ Vitality in light dynamics

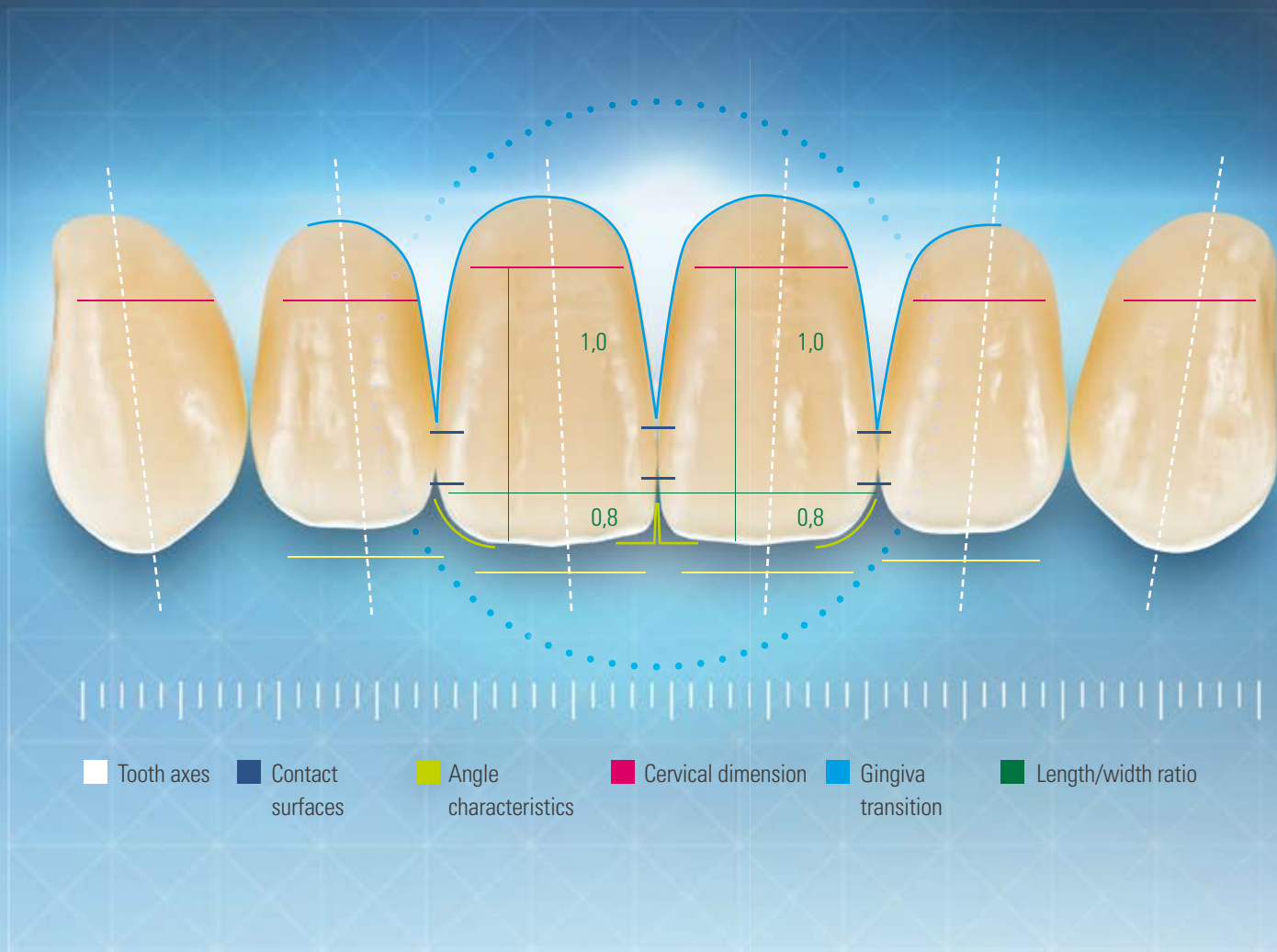
An anterior tooth must have:

- ✓ Excellent shade accuracy in accordance with the VITA shade standard
- ✓ A harmonious shade transition



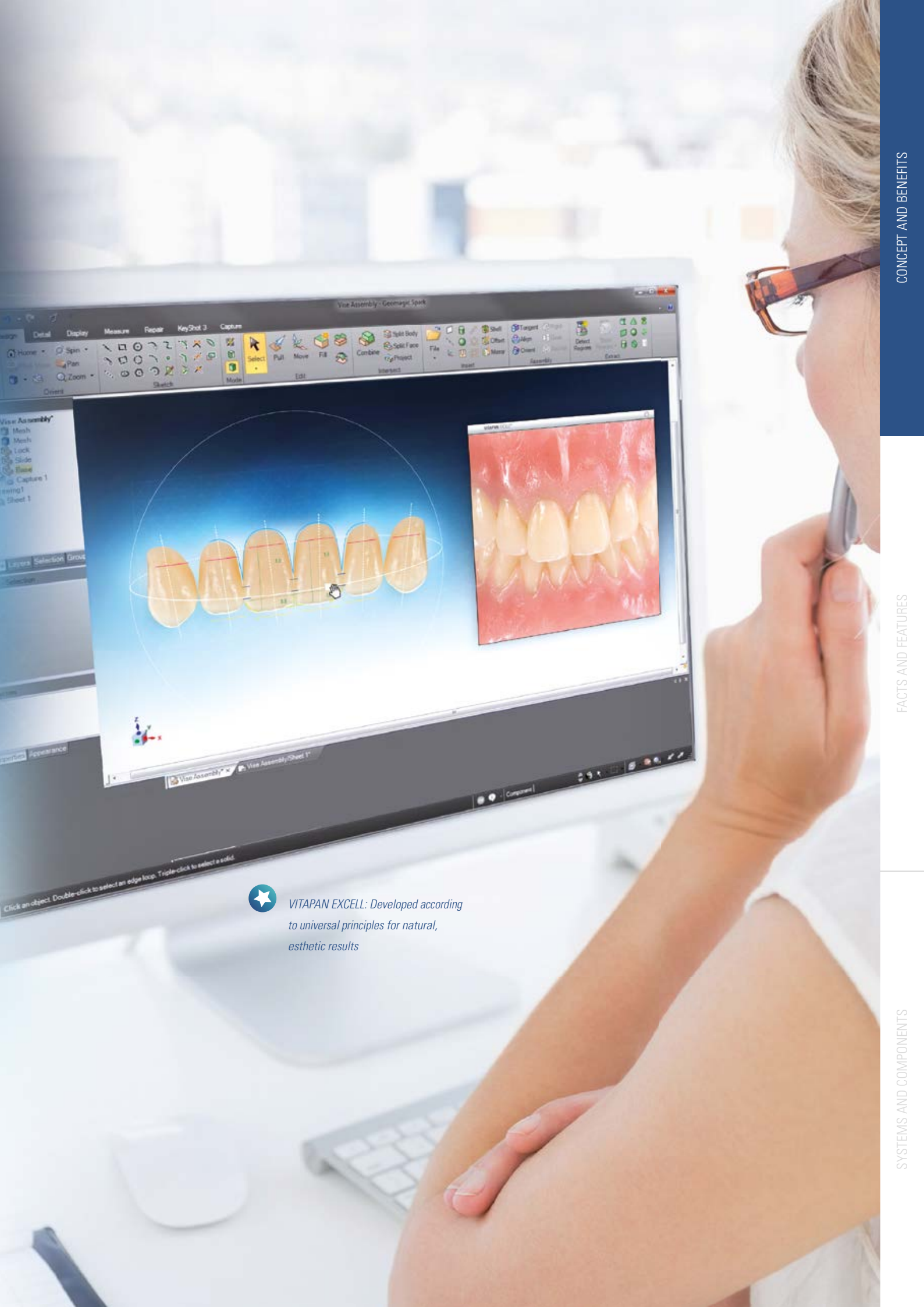
VITAPAN EXCELL: A new generation developed with a passion for detail

THE PROSTHETIC TOOTH WITH GOLDEN PROPORTIONS



VITAPAN EXCELL allows for:

- **Easy replication of the natural symmetry**
thanks to moulds with a well-balanced length/width ratio
- **Convenient reproduction of the tooth position**
thanks to anterior teeth with "perfectly" aligned tooth axes



VITAPAN EXCELL: Developed according to universal principles for natural, esthetic results

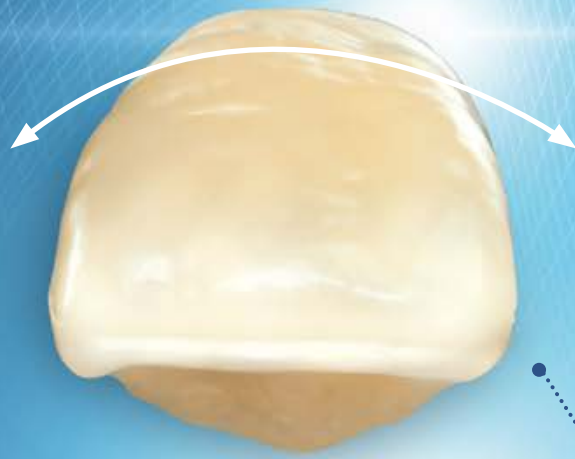
DESIGN BASED ON NATURAL TEETH



VITAPAN EXCELL: The denture tooth for perfect modeling of interproximal areas and papilla

VITAPAN EXCELL allows for:

- **Top-class gingiva modeling for optimum red-white esthetic**
thanks to wide cervical dimensions

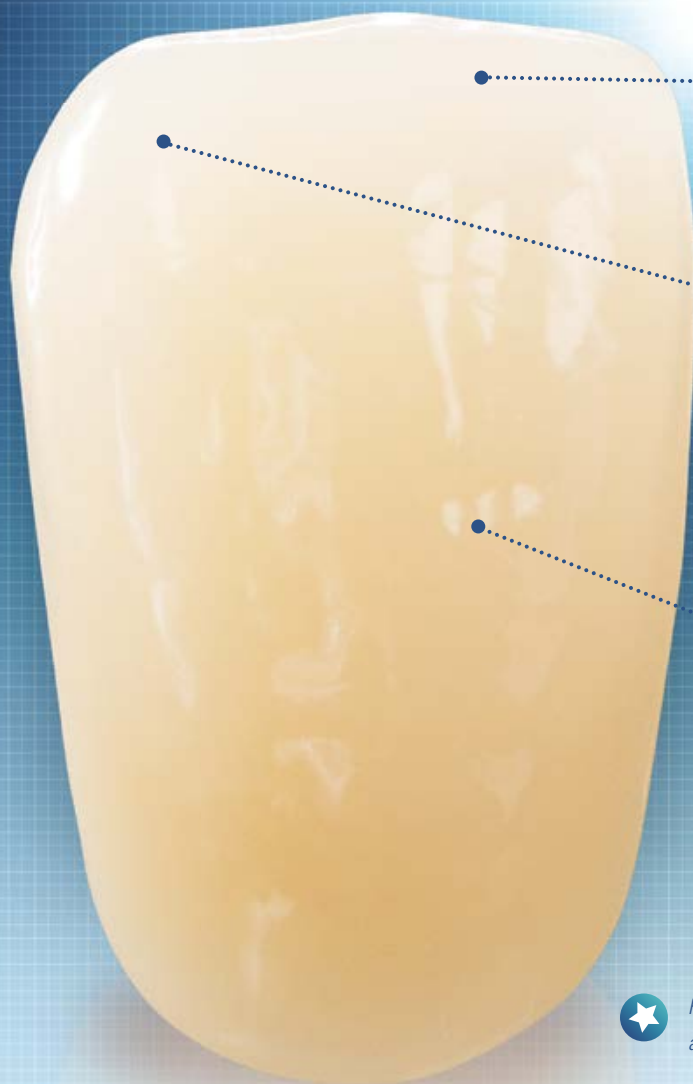


VITAPAN EXCELL offers natural curvature characteristics

VITAPAN EXCELL allows for:

- **Vitality in play of shape**
thanks to moulds with natural angle/curvature characteristics

FASCINATING PLAY OF SHADE AND LIGHT IN ALL FACETS



*Fascinating natural vitality effects
are produced by light and reflection*

VITAPAN EXCELL shows:

- **Good light transmission**
thanks to pronounced enamel area
- **Light dynamics with vitality**
thanks to the integrated opal effect
- **Brilliant play of light**
thanks to a multifaceted surface texture

Good light transmission

VITAPAN EXCELL shows a natural translucency in the incisal area for a natural play of light.

Integrated mamelon/opalescence

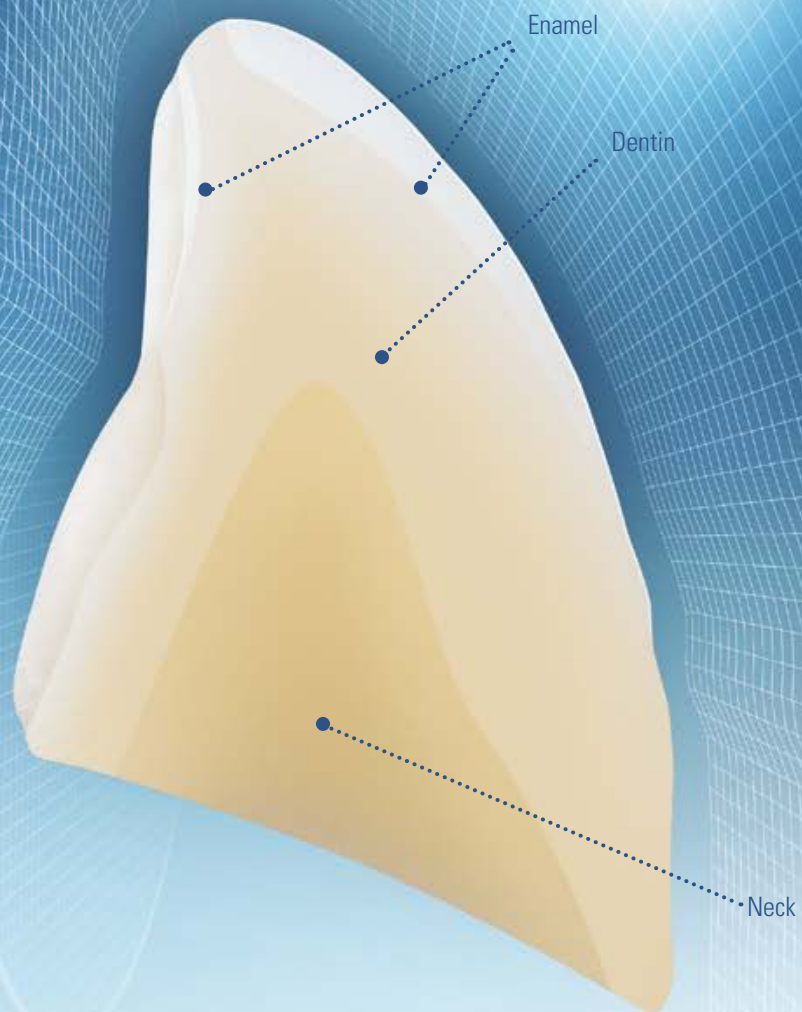
Thanks to the integrated opal effect, VITAPAN EXCELL shows a variety of natural shade facets.

Multifaceted surface texture

In order to ensure natural diffusion and reflection of light, VITAPAN EXCELL has a multifaceted surface texture.



NATURAL EFFECT, HARMONIOUS TRANSITION



VITAPAN EXCELL offers:

- **Harmonic shade transmission from cervical area to incisal edge**
thanks to its unique 3D shade layering*

*) Systematic diagram of the VITAPAN EXCELL layer structure



VITAPAN EXCELL offers:

- **Excellent shade accuracy in accordance with the VITA shade standard**
thanks to matching lightness, chroma and hue values

CONCEPTS AND INDICATIONS



Anterior/Posterior combination

A perfect combination: VITAPAN EXCELL and VITAPAN LINGOFORM

- For the best prosthetics in shape, shade and function
- Universal use in all prosthetic concepts, thanks to multifunctional design

Occlusion concepts

- For lingual/balanced occlusion concepts:
e.g. according to Gysi, Prof. A. Gerber, APF/TIF, ABC

Indications

- Recommended for full and partial dentures
- Recommended for implant-supported dentures



A woman with dark hair in a ponytail, wearing a white lab coat, is shown in profile from the chest up. She is looking towards the right side of the frame. The background is a blurred laboratory or industrial setting with various pieces of equipment and shelves.

FACTS AND FEATURES

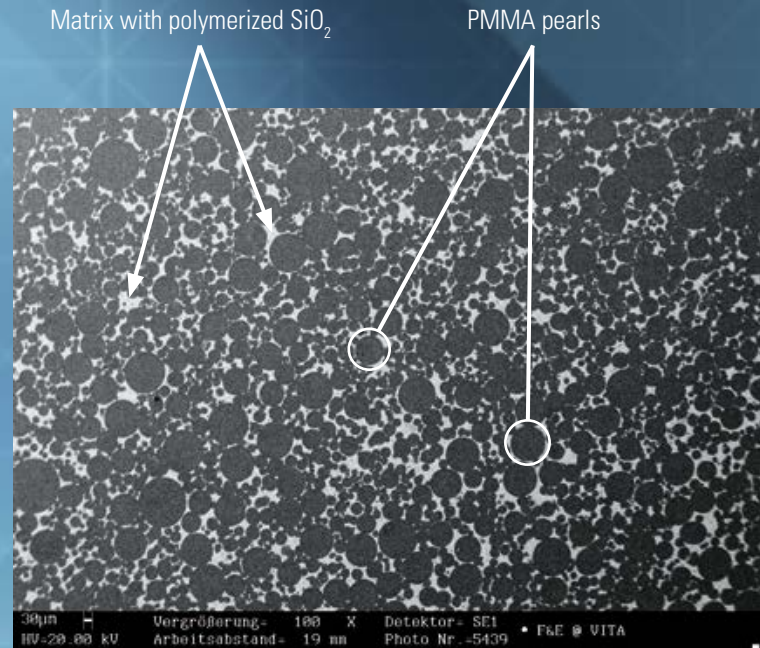
VITAPAN EXCELL® is a lab-tested denture tooth designed by technicians, for technicians. Now you can find out more about its materials, manufacturing process and lab users.



With VITA denture teeth, you can rely on the highest production standards and fully tested quality



VITAPAN EXCELL® – 100 % GERMAN DENTAL ENGINEERING BY VITA



REM image of VITA MRP composite material; source: VITA R&D



Development, design and mould construction

Optimized for practical use

VITAPAN EXCELL was designed and constructed based on natural teeth. VITA's developers and engineers received input and ideas for the product from experienced dental technicians all around the world.



MRP composite material

For high durability

The VITAPAN EXCELL denture tooth is made of MRP (Microfiller-Reinforced Polymer matrix) composite material and has a highly cross-linked polymer matrix with homogeneously distributed, polymerized silicon dioxide filler particles.



German engineering combined with dental technology – since 1924



Modern manufacturing process

For top quality

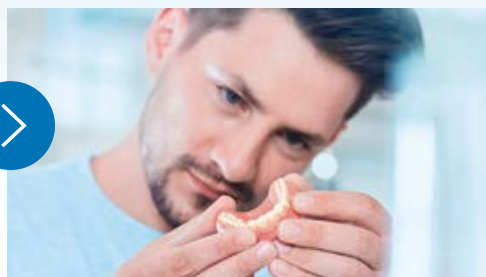
VITAPAN EXCELL is manufactured at the VITA Zahnfabrik headquarters in south Germany according to the strictest production and quality standards – to ensure that the prosthetics offer lasting reliability.



Lab testing

For reliable use

Prior to its launch, VITAPAN EXCELL was tested in a number of labs around the world in order to ensure the quality and reliability of the denture tooth.



LAB-TESTED: 96% SATISFACTION WITH VITAPAN EXCELL®

Expert opinions on the esthetic appearance of VITAPAN EXCELL®

"The shape and surface texture are beautiful, everything looks very natural!"

Urban Christen, DD, dentist, Hunzenschwil, Switzerland

"VITAPAN EXCELL shows no breaks in shade in the vestibular area – just a beautiful, flowing transition!"

Andreas Buchheimer, DT, Schopfheim, Germany

"The texture, the shade transition, the dentin-incisal ratio ... it all gives the tooth a great vitality!"

Daniel Sperlich, MDT, Freiburg, Germany

"VITAPAN EXCELL is something completely new ... it exceeded my expectations!"

Tim Friedland, DT, Osnabrück, Germany





"What really makes VITAPAN EXCELL interesting is its shape, shade and texture!"

Gudrun Hecker, DT, Aschau am Inn, Germany

Results according to beta testing by dental technicians*

- **96% satisfaction with esthetic appearance**
96% of the technicians included in the survey rated the esthetic appearance of VITAPAN EXCELL as "good" or "very good"
- **Shape, shade and texture rated especially high**
The technicians in the survey were particularly impressed with the shape, shade and surface texture of VITAPAN EXCELL

*) Source: Survey as part of VITAPAN EXCELL testing in selected dental labs (N=25),
Study and report: 4eins41 Corporate Management and Market Research, 10/2016 ([1], see back of brochure)

SYSTEM AND COMPONENTS

Now let's take a closer look at the variety of shades and shapes, recommended combinations and available system components.

★ *For generations, dental technicians and VITA have been united by a passion for prosthetic solutions.*



SHADES AND MOULDS

VITAPAN EXCELL® Anterior


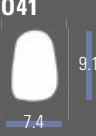








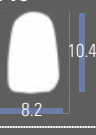















> Available shades:

- 10 x VITA SYSTEM 3D-MASTER® shades
OM1, OM3, 1M1 – 3M2
- 15 x VITA classical A1–D4® shades
A1 – D4 (without B1)

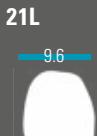



VITAPAN® LINGOFORM Posterior

> Available shades:









- 27 x VITA SYSTEM 3D-MASTER® shades
OM3, 1M1 – 5M3
- 15 x VITA classical A1–D4® shades
A1–D4 (without B1)

VITAPAN EXCELL Upper Anteriors							
 ovoid	O41  9.1 7.4	O43  9.1 7.9	O45  9.7 8.4	O47  10.3 8.6	O49  10.9 9.0	O51  12.3 9.3	
 triangular	T42  9.5 7.7	T44  9.9 8.1	T46  10.4 8.2	T47  10.9 8.5	T48  11.3 8.8	T50  11.6 9.2	T54  12.7 9.8
 rectangular	R45  9.9 8.2	R47  11.2 8.6	R49  11.7 8.9				
 square	S46  10.3 8.5						
VITAPAN EXCELL Lower Anteriors							
	L33  8.6 5.0	L35  9.0 5.2	L37  9.4 5.2	L39  9.8 5.9	L41  10.2 6.2		

VITAPAN LINGOFORM Posteriors

21L  9.6 10.0	22L  10.0 10.2	23L  10.9 10.8	24L  11.0 11.2	
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RECOMMENDED COMBINATIONS

VITAPAN EXCELL Anterior		VITAPAN LINGOFORM Posterior		VITAPAN EXCELL Anterior		VITAPAN LINGOFORM Posterior	
UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm	UJ / No.  mm	LJ / No.  mm
041 41.3	L33 33.2	21L 30.1	21L 30.7	T42 42.0	L33 33.2	21L 30.1	21L 30.7
043 43.1	L33 33.2	21L 30.1	21L 30.7	T44 44.1	L33 33.2	21L 30.1	21L 30.7
045 45.1	L35 35.3	22L 31.6	22L 32.1	T46 46.2	L35 35.3	22L 31.6	22L 32.1
047 47.3	L37 37.3	22L 31.6	22L 32.1	T47 46.9	L37 37.3	22L 31.6	22L 32.1
049 49.1	L39 39.0	23L 34.2	23L 34.8	T48 48.1	L37 37.3	22L 31.6	22L 32.1
051 51.4	L41 41.2	24L 35.8	24L 36.4	T50 50.0	L39 39.0	24L 35.8	24L 36.4
				T54 54.4	L41 41.2	24L 35.8	24L 36.4
				R45 45.4	L35 35.3	22L 31.6	22L 32.1
				R47 47.0	L37 37.3	22L 31.6	22L 32.1
				R49 49.1	L39 39.0	23L 34.2	23L 34.8
				S46 46.3	L35 35.3	22L 31.6	22L 32.1

The information contained in the combination table is only intended as a guide, and can vary depending on the patient's individual situation.

ASSORTMENTS AND STORAGE



VITAPAN EXCELL mould charts

Metal case with all moulds for selecting teeth:

- VITAPAN EXCELL Anterior

VITAPAN EXCELL tooth storage

- X-small*: 67 Sets/402 Anteriors
- Small*: 134 Sets/804 Anteriors
- Medium*: 268 Sets/1,608 Anteriors
- Large*: 400 Sets/2,400 Anteriors

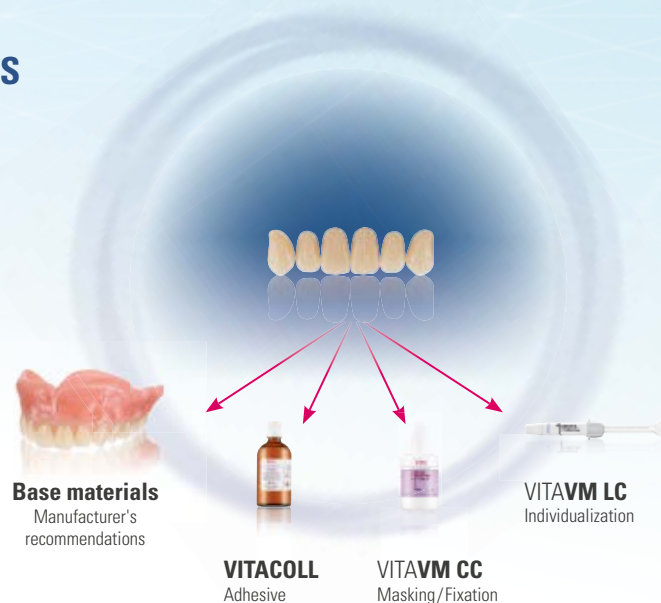
Available in VITA classical A1–D4® and VITA SYSTEM 3D-MASTER® shades.**



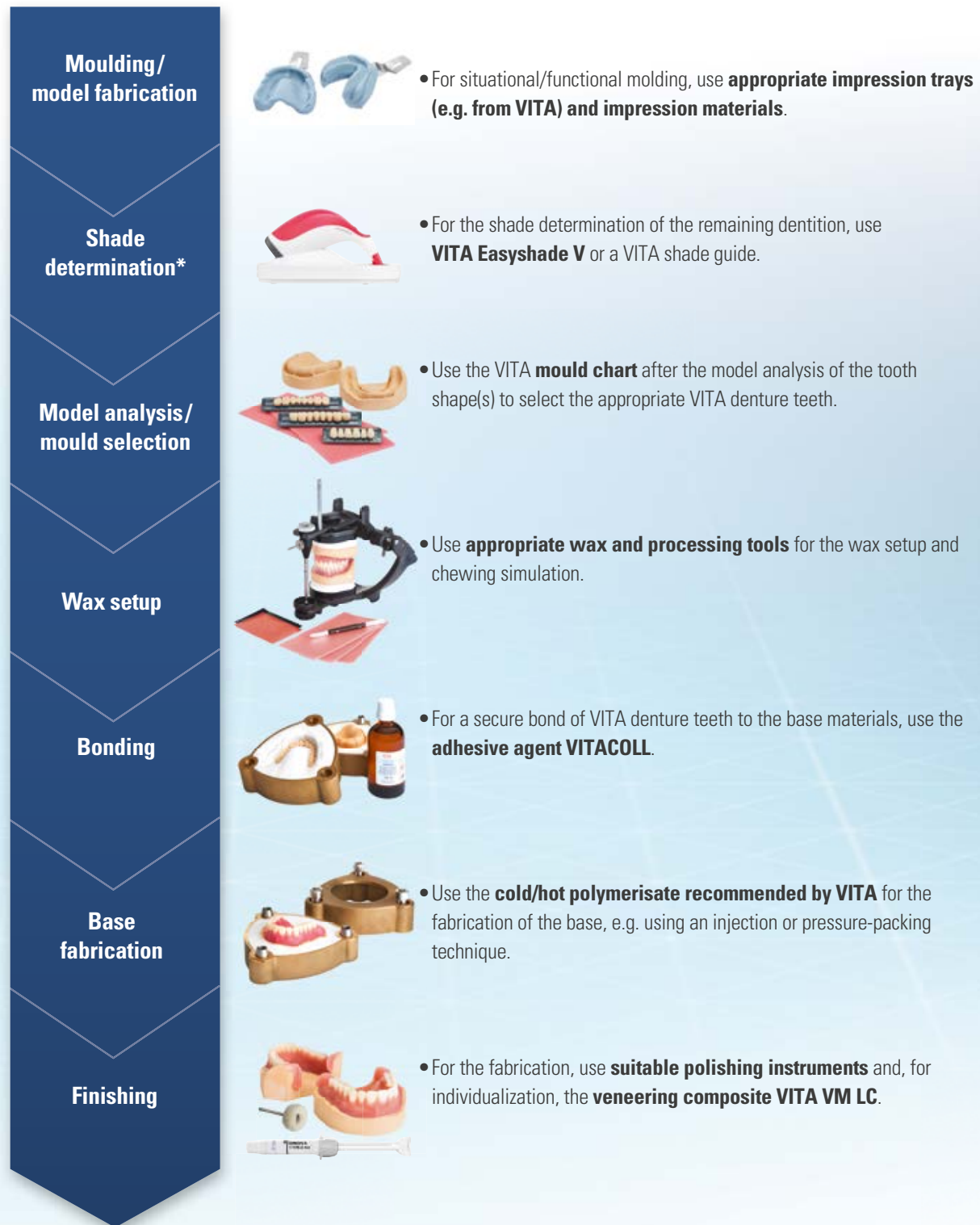
*) Note: You will receive the most frequently used moulds and shades with the packaged tooth storage. We are also happy to put together storage systems according to your individual specifications.

***) see available shades

SYSTEM COMPONENTS



PERFECT SOLUTIONS FOR FABRICATION



*) Visual or technical shade determination only takes place if there is any remaining natural dentition.

VITA PROSTHETIC SOLUTIONS –

For the best dental prosthetics: natural, reliable, rich in variation.

Efficient CAD/CAM dentures for greater productivity.



Best variety of shade and moulds for all cases.



Solid, standard dentures with excellent cost efficiency.



VITAPAN EXCELL® (anterior)
VITAPAN® LINGOFORM (posterior)

> **Vivid play of shape and shade for natural results.**

Manufacturing high-end dentures

VITA PREMIUM PROSTHETIC offers you high-value MRP-composite teeth with naturally vivid play of shape and shade for the best, highly esthetic full, partial and implant-retained dentures.

WE WILL BE GLAD TO HELP

› More information about the products and processing is available at www.vita-zahnfabrik.com



Hotline Sales Support

Mr. Udo Wolfner and his team (Internal Sales Department) will be glad to assist you with orders or questions about the delivery, product data and marketing materials.

▶ Phone +49 (0) 7761 / 56 28 84

Fax +49 (0) 7761 / 56 22 99

8:00 a.m. to 5 p.m. CET

E-mail: info@vita-zahnfabrik.com



Technical Hotline

If you have technical questions concerning VITA PROSTHETIC SOLUTIONS, you can contact our technical specialists Mr. Ralf Mehlin or Mr. Daniel Schneider.

▶ Phone +49 (0) 7761 / 56 22 22

Fax +49 (0) 7761 / 56 24 46

8:00 a.m. to 5 p.m. CET

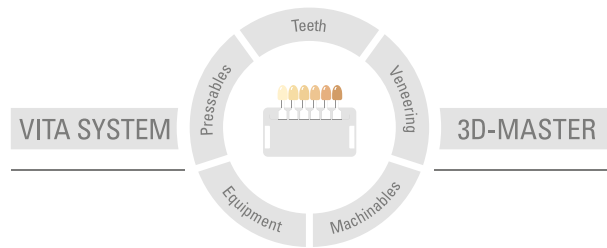
E-mail: info@vita-zahnfabrik.com



More information about VITAPAN EXCELL is available at
www.vita-zahnfabrik.com/prosthetics

1. VITAPAN EXCELL testing survey:

4eins41 Corporate Management and Market Research
Andreas Kuderer, Proprietor, Karlsruhe, Germany
Report: 10/2016



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Date of issue of this information: 02.17

After the publication of these information for use any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

VITA Zahnfabrik has been certified in accordance to the Medical Device Directive and the following products bear the CE mark  0124 :

VITAPAN EXCELL[®], VITAPAN[®] LINGOFORM, VITACOLL[®], VITAFOL[®] H, VITAVM[®]LC and VITAVM[®]CC

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VITA

VITA Zahnfabrik H. Rauter GmbH & Co.KG
Spitalgasse 3 · D-79713 Bad Säckingen · Germany
Tel. +49(0)7761/562-0 · Fax +49(0)7761/562-299
Hotline: Tel. +49(0)7761/562-222 · Fax +49(0)7761/562-446
www.vita-zahnfabrik.com · info@vita-zahnfabrik.com
 facebook.com/vita.zahnfabrik