

All Biodentine's science  
with the e*XP*erience  
you expect

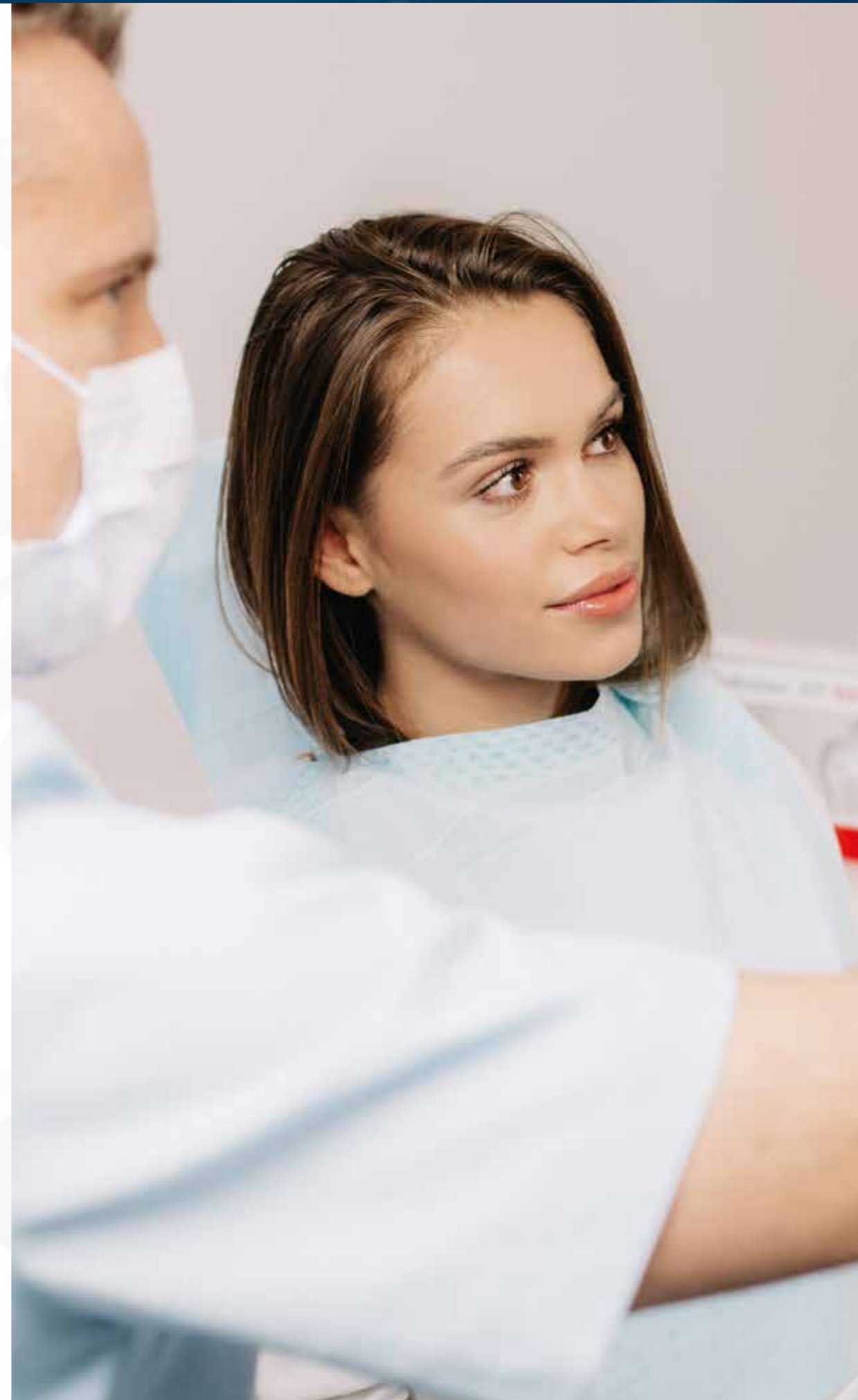
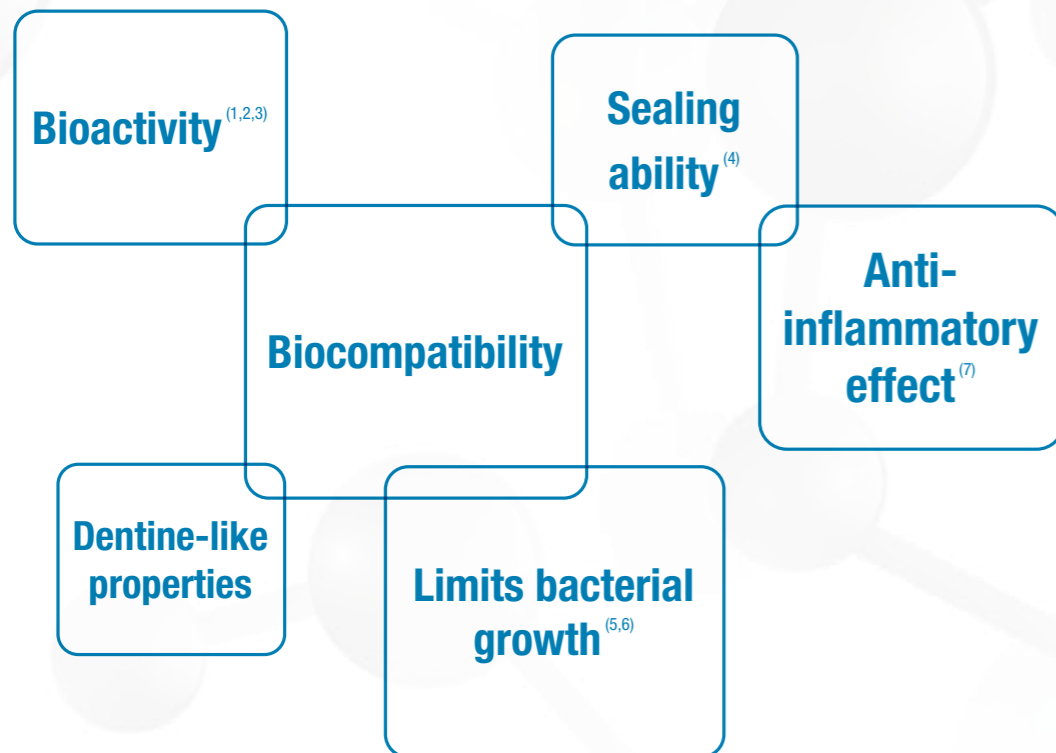



# *Biodentine*<sup>TM</sup> *XP*

Your NEW dentine  
restoration system



Biodentine™ is the **first all-in-one biocompatible and bioactive** crown-root dentine substitute with unique clinical properties.



 **5** million saved teeth

 **+1000** publications

 **10 indications** in the crown and in the root

Sold in more than **60** countries

**10** years of research & development in Septodont laboratories

**NEW**

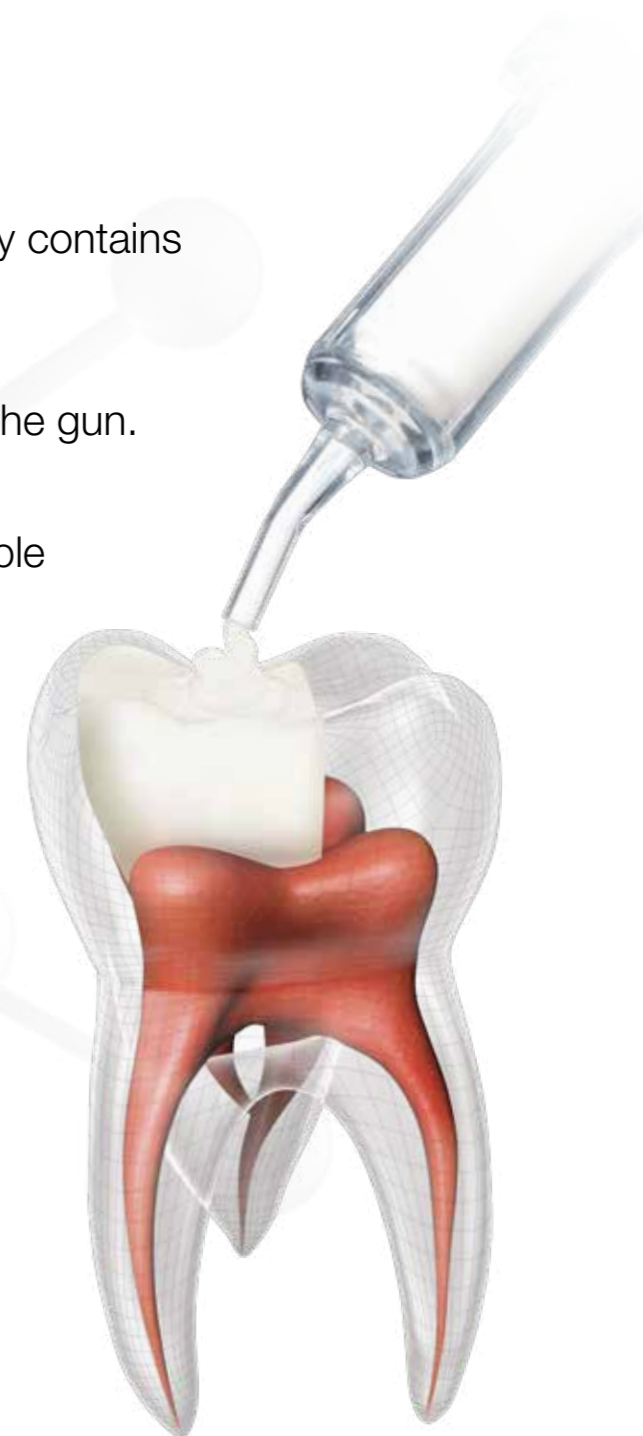
# Biodentine™ XP

Your NEW dentine restoration system

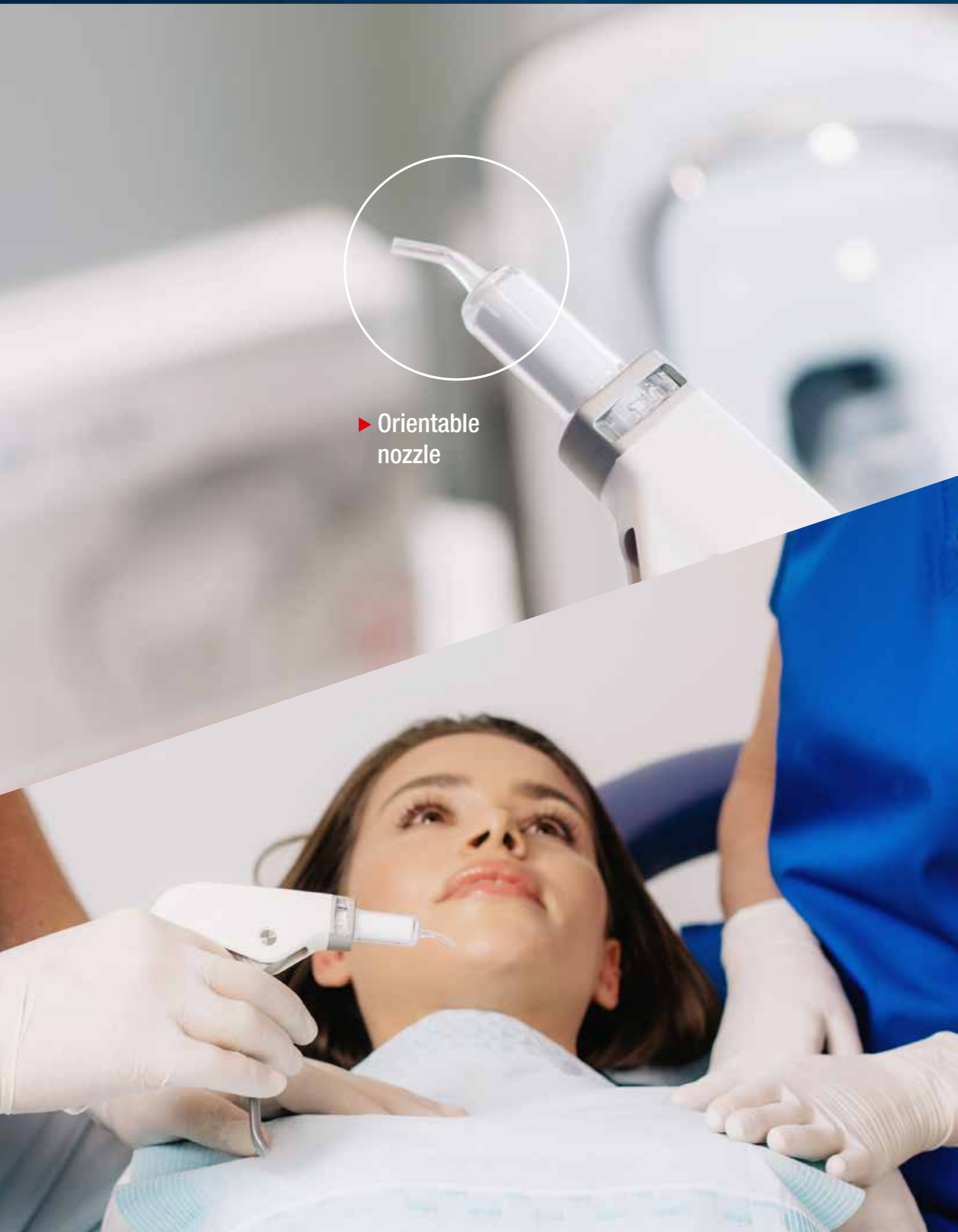


With Biodentine™ XP,  
your whole procedure from  
preparation to dispensing  
is made **easier\***.

- ▶ **All-in-one cartridge:** the cartridge already contains both the powder and the liquid.
- ▶ **Direct placement** in the tooth thanks to the gun.
- ▶ **Choice of volume:** the cartridge is available in 2 formats (XP 200 or XP 500). You choose the quantity needed depending on the procedure and the deepness of the cavity.



\*vs. Biodentine™



► Orientable nozzle

## A dedicated Biodentine Gun **facilitating** all your procedures.

You can directly apply Biodentine™ XP into the tooth from the pulp to the top of the cavity, regardless of how deep: with Biodentine™ XP, **the procedure is made easier & faster** as the same material is used as a Bio-Bulk Fill.

The final enamel restoration with composite or inlay/onlay must be made within 6 months.



Rounded edge

Autoclavable

Easy grip

Ergonomic handling

Adapted to any hand morphology

## The Biodentine Mixer ensures an **easy and perfect mix**.

Biodentine has unique bioactivity & biocompatibility properties allowing a Bio Bulk-Fill approach by filling the cavity from the pulp to the top (final enamel restoration within 6 months).

These dentine-like properties of Biodentine™ XP rely on a very high ratio powder vs. liquid, as such intense agitation is required with the adequate mixer.



- ▶ **Compact and small footprint**
- ▶ **A very high rotation level (6200 rpm) for a perfect mix at each use in only 30'**
- ▶ **A unique and patented technology**

**Only 1 start button**

## Biodentine™ XP, just 4 steps for a **new & easier** experience.

Just 4 steps to get the product ready to deliver



**1**  
Activate by pushing the lever



**2**  
Mix by pushing the button



**3**  
Prime with two hands until product fills the nozzle



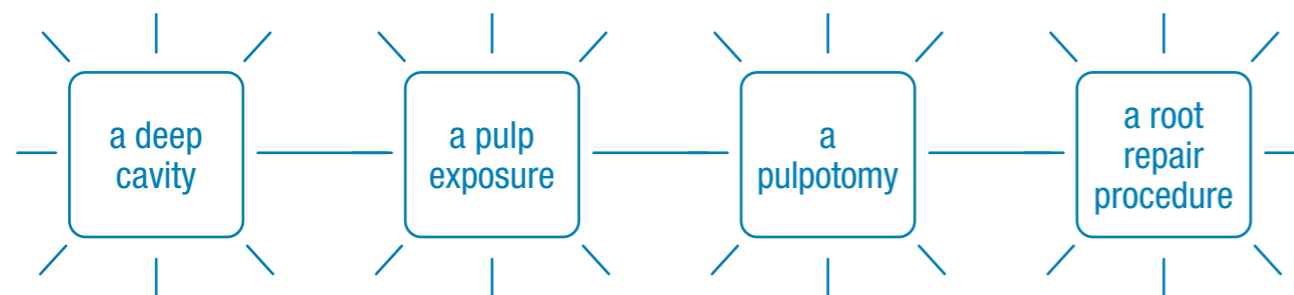
**4**  
Dispense with one hand directly into the tooth

Scan the QR code with your smartphone to see the how to use video

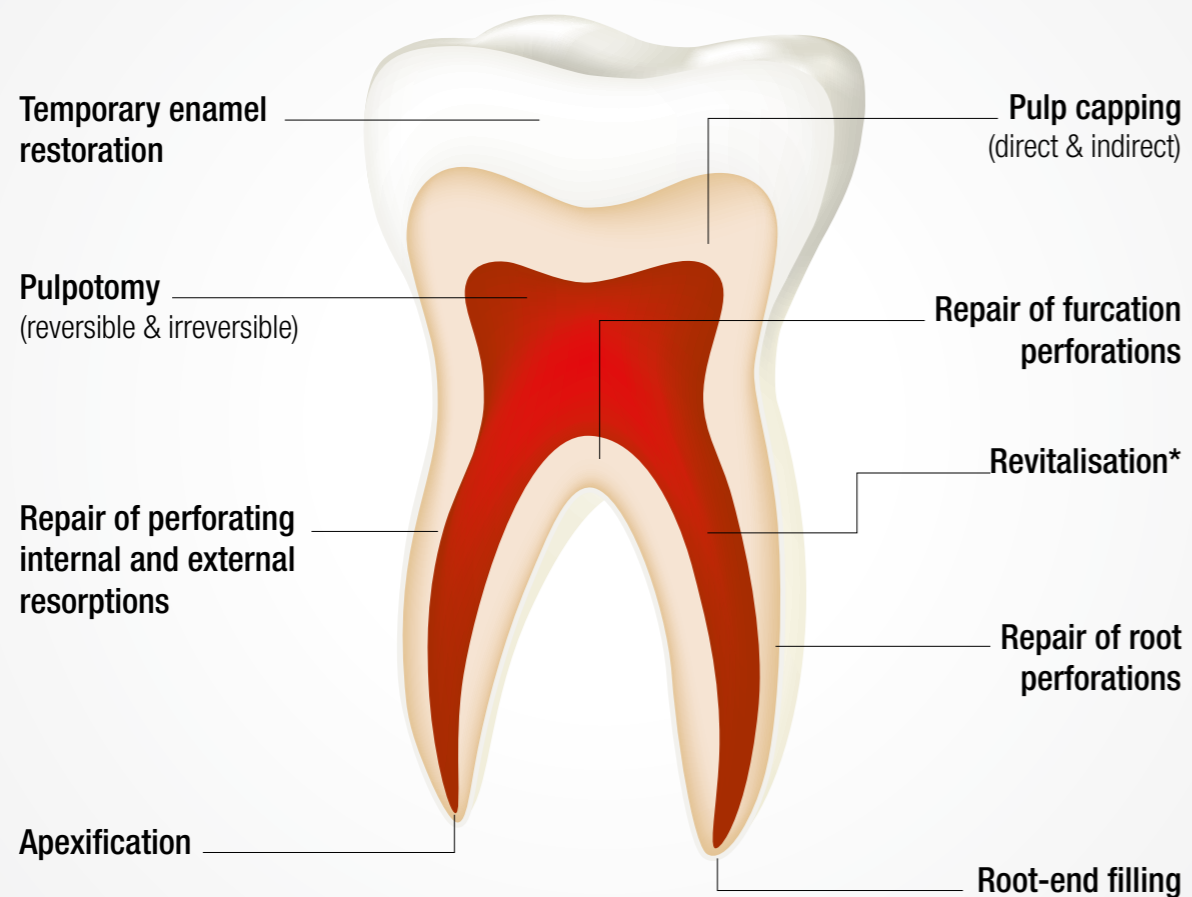


Biodentine™ XP will provide you with an optimal **daily experience**.

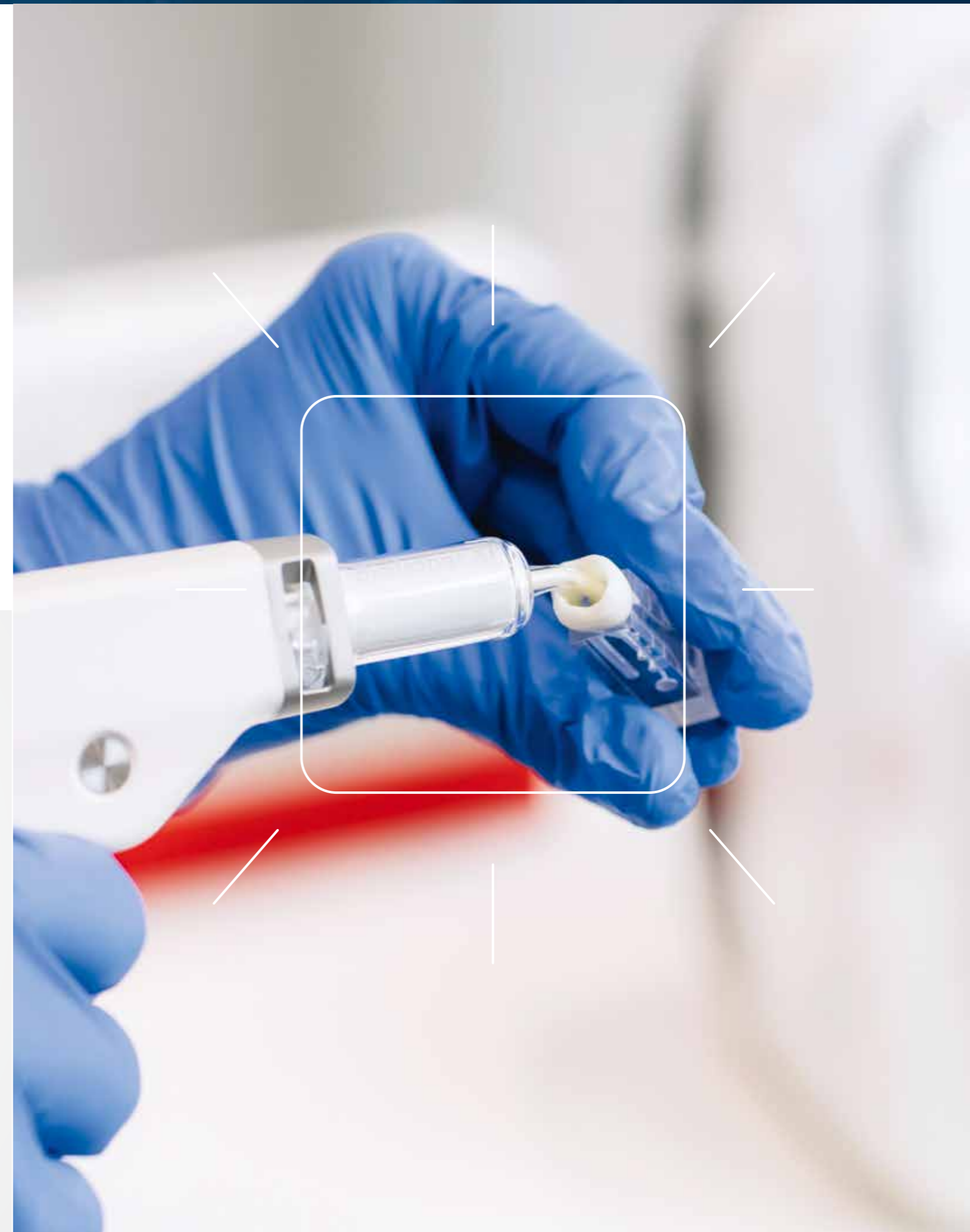
Today, 1 out of 2<sup>(8)</sup> patients in your practice will come for:



The ease of use and multiple indications of Biodentine™ from the **crowns to the roots** will help you every day to treat your patients.



\*Revitalisation procedure by means of revascularisation of permanent immature teeth with necrotic pulp



## References

Authors	Title	Journal	Year	Ref.
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Gong V, França R.	Nanoscale chemical surface characterization of four different types of dental pulp-capping materials	Journal of Dentistry	2017	2
Costa F, Sousa Gomes P, Fernandes MH.	Osteogenic and Angiogenic Response to Calcium Silicate-based Endodontic Sealers	Journal of Endodontics	2016	3
Aggarwal V, Singla M, Yadav S, Yadav H, Ragini.	Marginal Adaptation Evaluation of Biodentine™ and MTA Plus in “Open Sandwich” Class II Restorations	Journal of Esthetic Restorative Dentistry	2015	4
Özyürek T, Demiryürek EÖ.	Comparison of the antimicrobial activity of direct pulp-capping materials: Mineral trioxide aggregate-Angelus and Biodentine™	Journal of Conservative Dentistry	2016	5
Bhavana et al.	Evaluation of antibacterial and antifungal activity of new calcium-based cement (Biodentine) compared to MTA and glass ionomer cement	Journal of Conservative Dentistry	2015	6
Thomas Giraud, Charlotte Jeanneau, Charlotte Rombouts, Hengameh Bakhtiar, Patrick Laurent, Imad About	Pulp capping material modulate the balance between inflammation and regeneration	Dental Material	2019	7
AA+	Quanti Research		2017 research	8



**Biodentine XP 200**  
Box of 10 cartridges



**Biodentine XP 500**  
Box of 10 cartridges



**Biodentine Gun**  
Box 1 dispenser gun



**Biodentine Mixer**  
Box 1 mixer

### Septodont

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[www.biodentinexp.co.uk](http://www.biodentinexp.co.uk)

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