

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

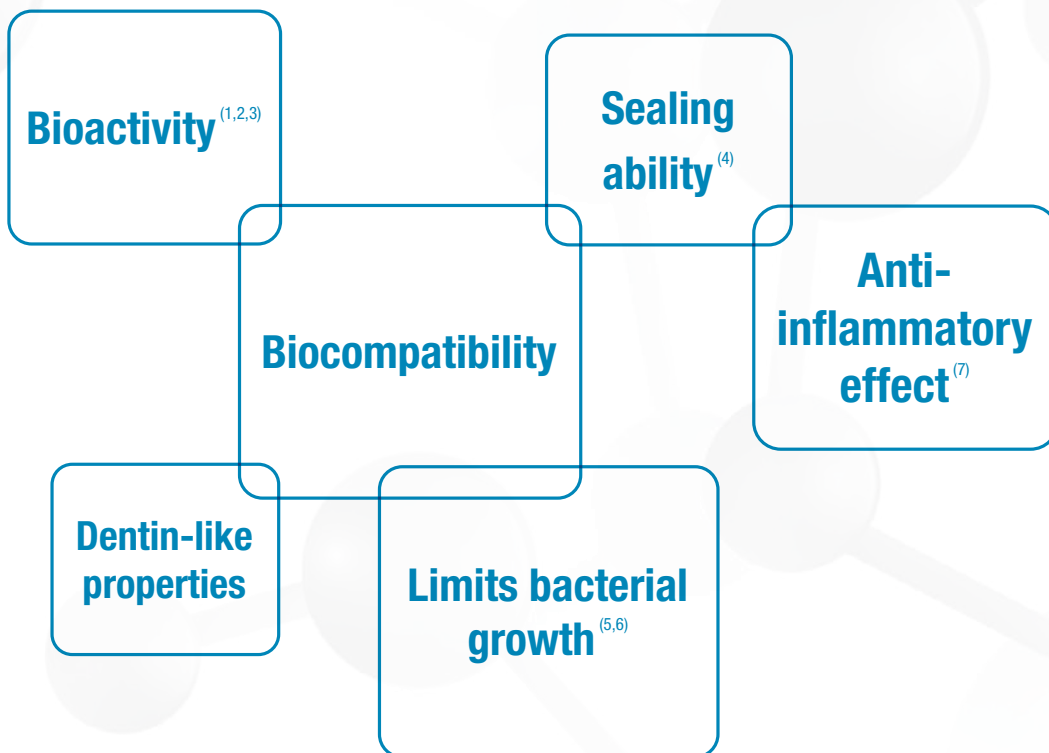


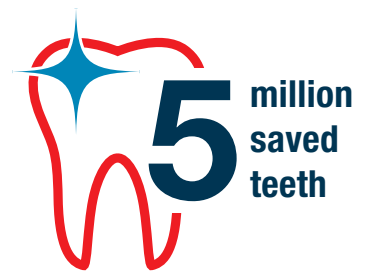
## *Biodentine<sup>TM</sup> XP*

Your NEW dentine  
restoration system



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





Biodentine™ XP: your new dentin restoration system

**NEW**

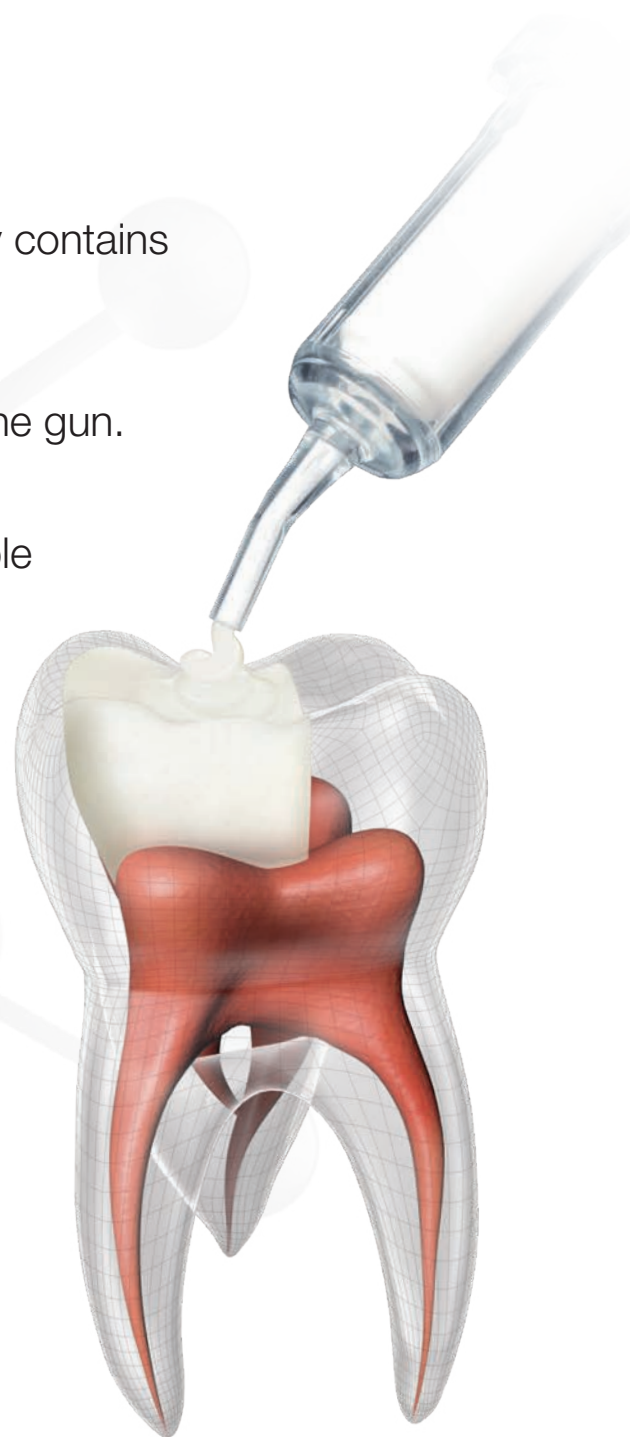
# *Biodentine™ XP*

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™





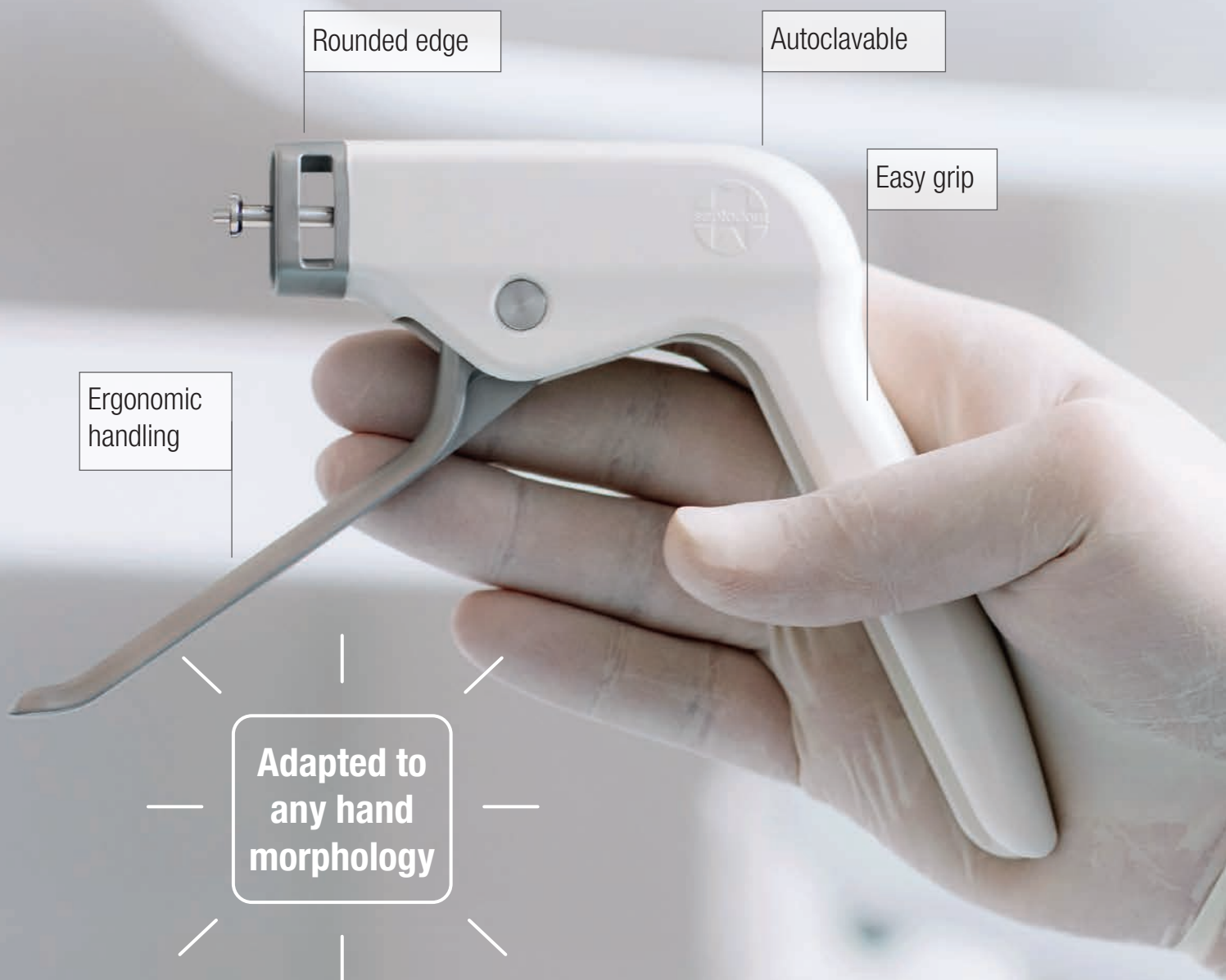
► Orientable  
nozzle



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

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

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



## 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 dentin-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



**Activate by pushing  
the lever**



**Mix by pushing  
the button**



**Prime with 2 hands  
until product fills the nozzle**



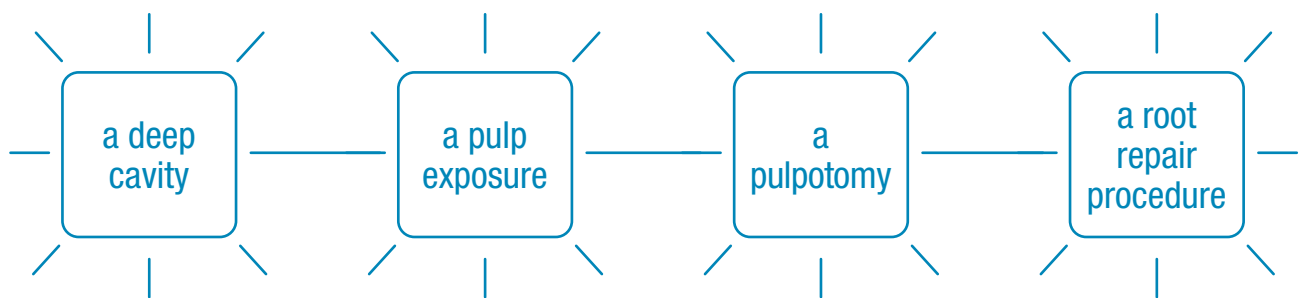
**Dispense with 1 hand  
directly in the tooth**

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

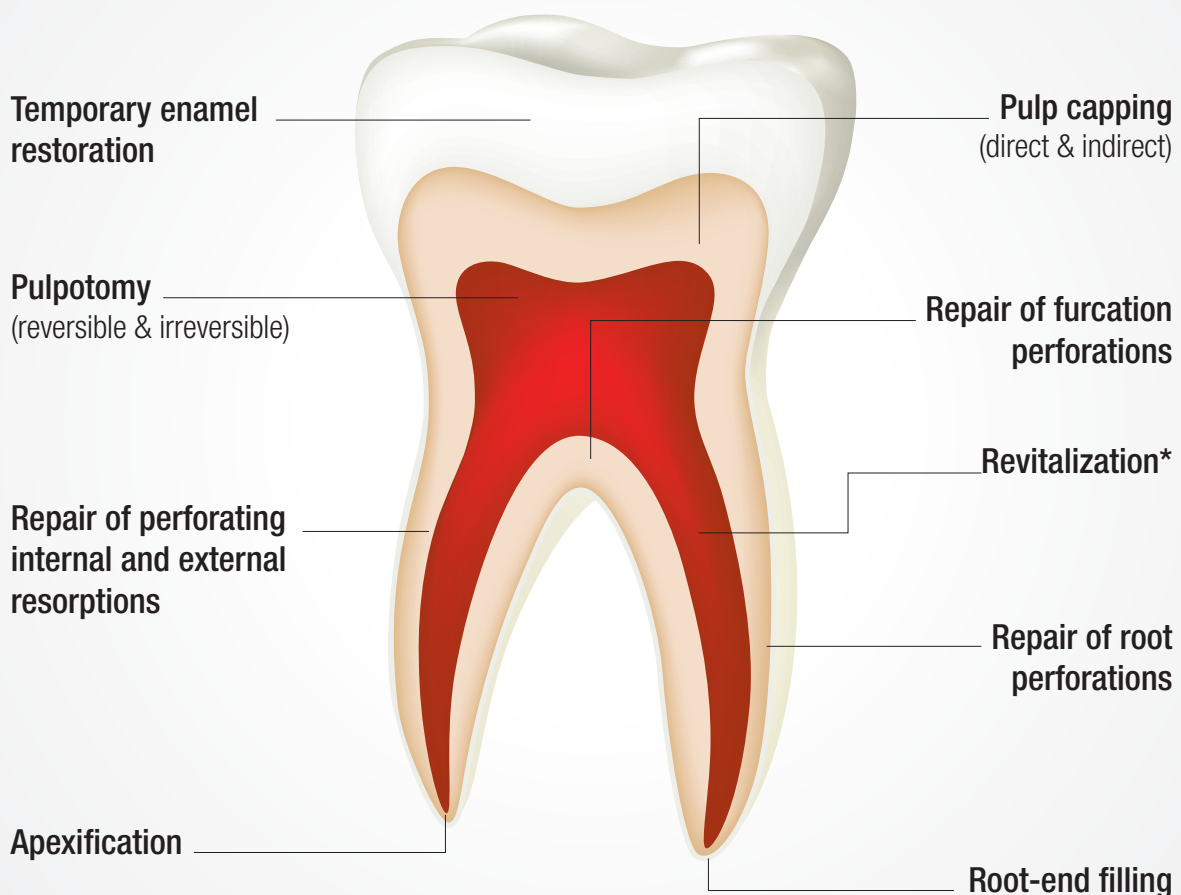


Biodentine™ XP will provide you an optimal **daily experience**.

Today, 1 patient out of 2 of your practice will come for:



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



\*Revitalization procedure by means of revascularization of permanent immature teeth with necrotic pulp



## References

Authors	Title	Journal	Year	Ref.
Nowicka A, Wilk G, Lipski M, Kołdecki J, Buczkowska-Radlińska J.	Tomographic Evaluation of Reparative Dentin Formation after Direct Pulp Capping with Ca(OH) <sub>2</sub> , MTA, Biodentine™, and Dentin Bonding System in Human Teeth	Journal of Endodontics	2015	1
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



### Biodentine XP 200

Box of 10 cartridges  
Code XXXXXXXXX



### Biodentine XP 500

Box of 10 cartridges  
Code XXXXXXXXX



### Biodentine Gun

Box 1 dispenser gun  
Code XXXXXXXXX



### Biodentine Mixer

Box 1 mixer  
Code XXXXXXXXX

## Septodont

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[www.biodentinexp.com](http://www.biodentinexp.com)

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