

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

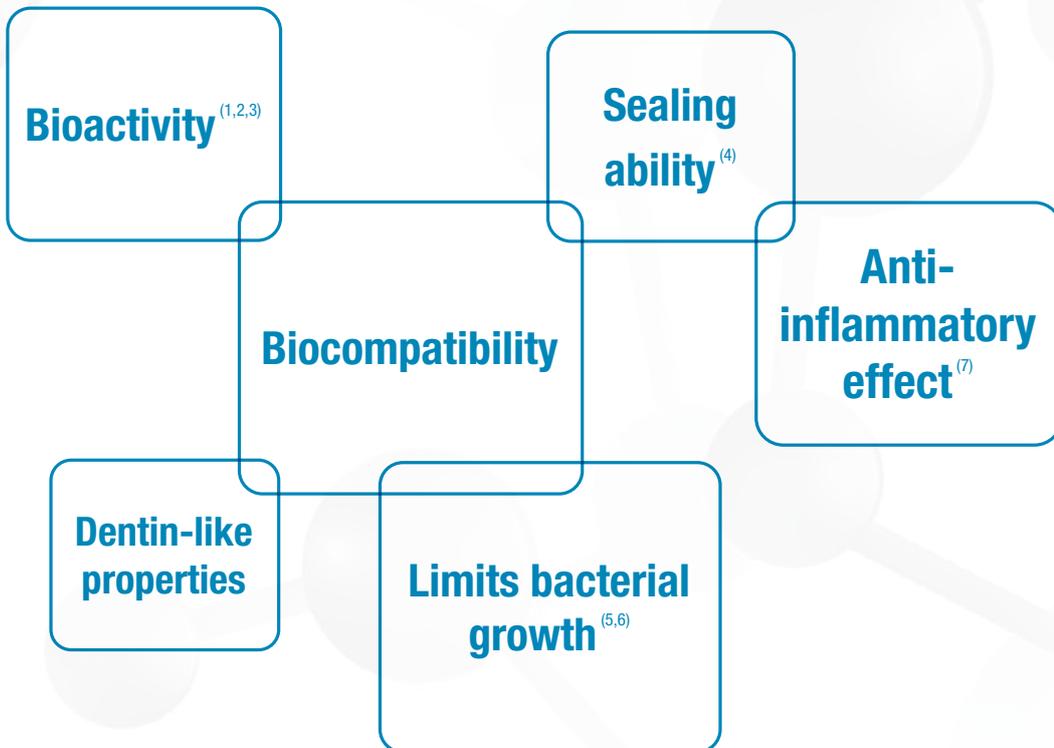


*Biodentine*TM *XP*

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

 **+900** publications



10 indications
in the crown and in the root

Sold in more than

 **60**
countries

10  of research & development in Septodont laboratories
years

Biodentine™ XP: your new dentin restoration system

NEW

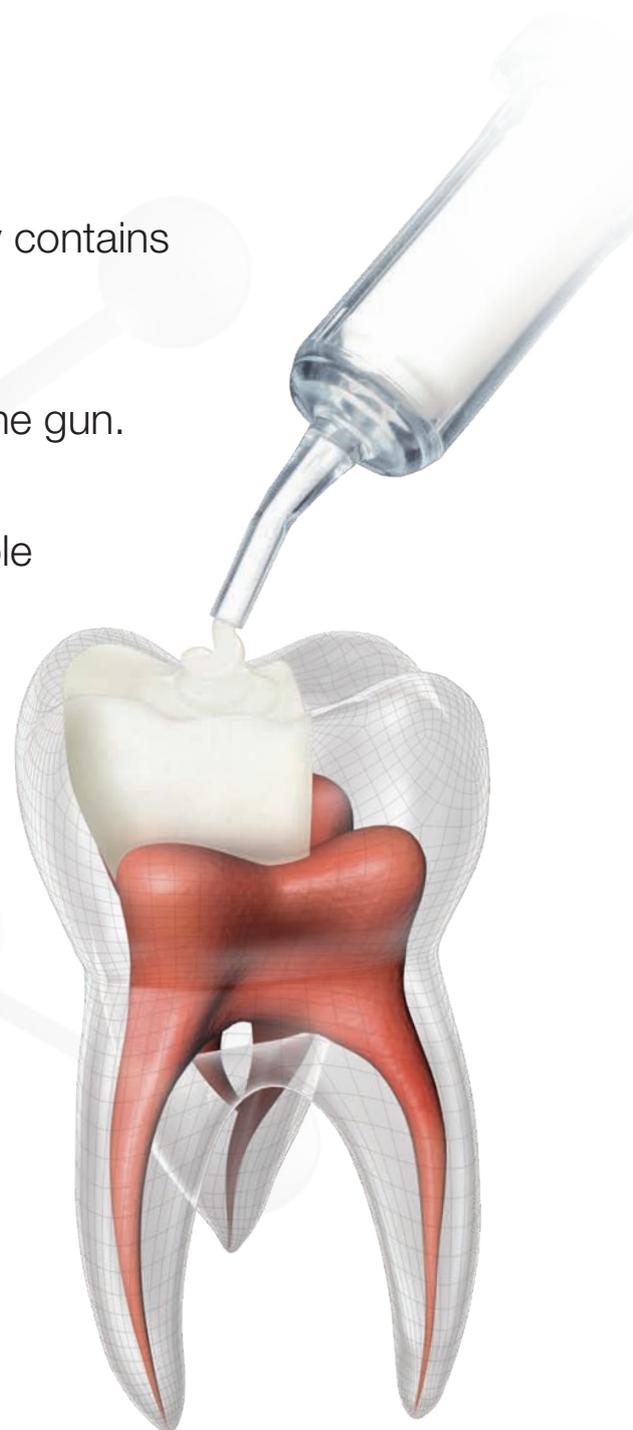
Biodentine™ XP

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™

Biodentine™ XP: your new dentin restoration system



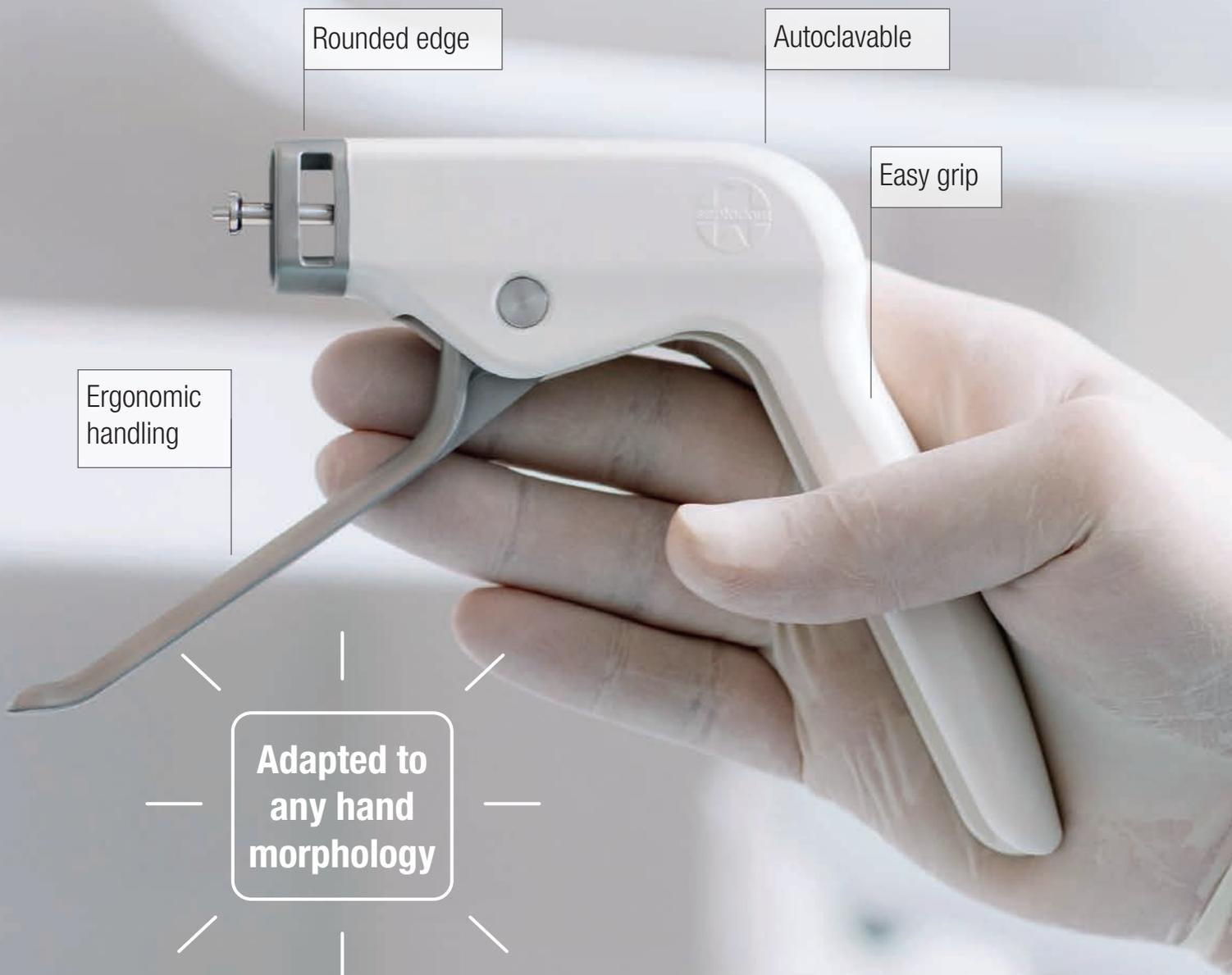
► Orientable nozzle



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**

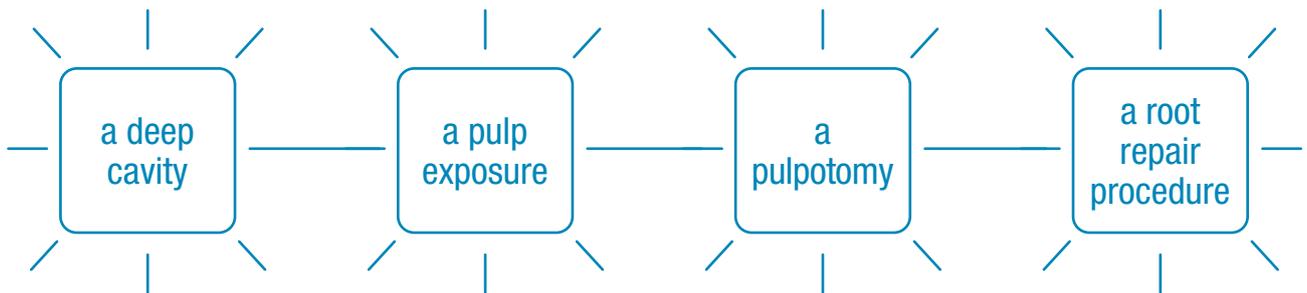
Scan the QR
code with your
smartphone to
see the how to
use video



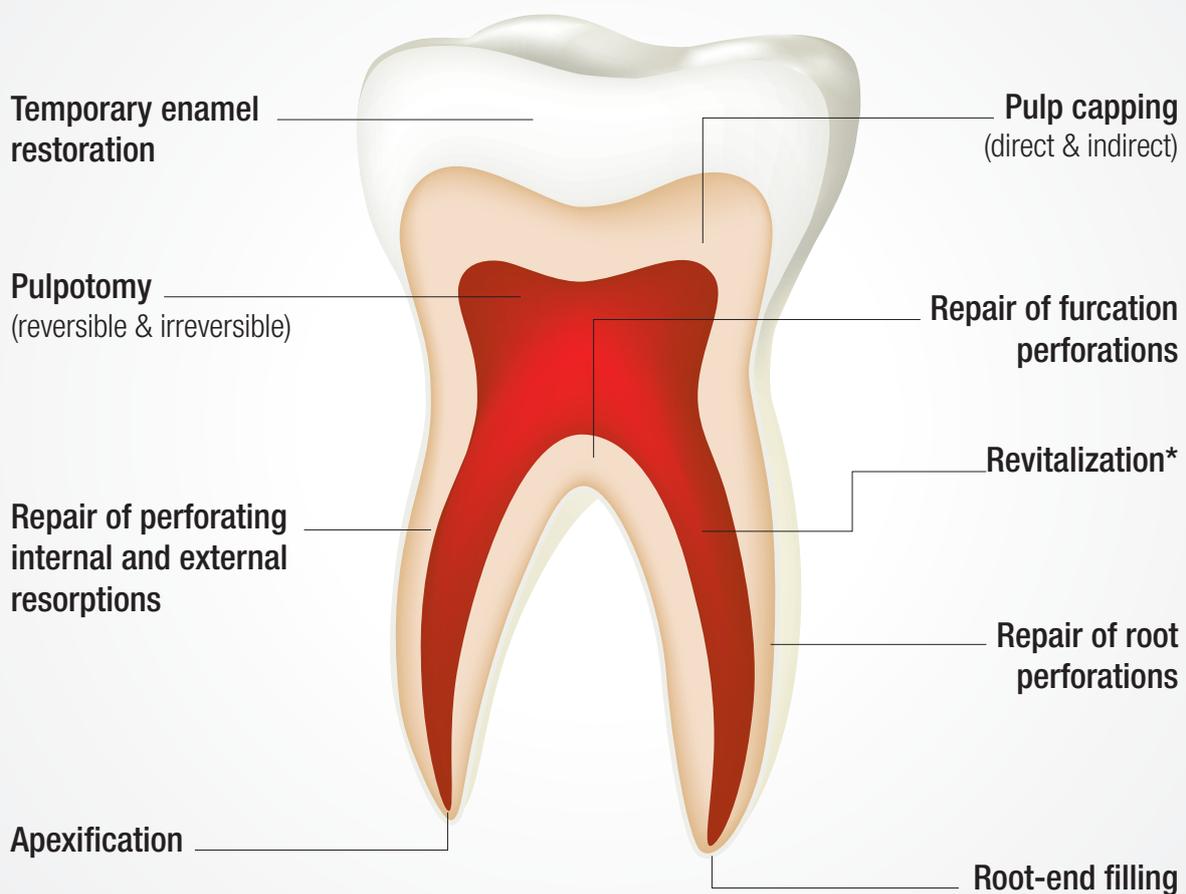
*For all details, please refer to annex

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 **crowns to the roots** 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) ₂ , 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