

Announcing a First-In-Class Opportunity: Complimentary
DentoClude F Packages for Qualified Dental Practices

DentoClude™ F
Dentin Tubule Agent

First in Class

DentoClude F is a bioactive glass technology used to treat and improve oral health. This technology works in the tooth restoration process to help prevent sensitivity caused by micro-leakage in dentinal tubules.





BIOGLASS for REMINERALIZATION

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- “We did clinical trials, employing the bioglass to provide relief from dental hypersensitivity caused by periodontal treatment, ablation and gingival recession in about 180 patients,” says Tirapelli. The study was published in the scientific journal entitled *Journal of Oral Rehabilitation*. “We also employed the new material to treat dental sensitivity due to whitening. The study, which included a total of 200 patients, was published in *Journal of Dentistry*. The results were positive.” Now, Tirapelli’s group is performing tests of the bioglass in humans as a coating for teeth with dental caries.
- There are certain types of ions that, when absorbed by bone cells, activate genes related to the cell proliferation process.” Another advantage of the material is the fact that it is totally resorbable. The new formulation also has angiogenic properties, which help in the formation of new blood vessels near the implant or lesion.

DentoClude F for Sensitivity, Pain, and Oral Surgery Solutions

- **DentoClude F**
 - DentoClude F: Advanced Solutions for Sensitivity, Pain, and Oral Surgery
- **Introduction**
 - Brief overview of DentoClude F as an innovative dental treatment.
 - Target: Practices treating patients with sensitivity, pain, and oral surgery needs.
- **Why Address Tooth Sensitivity and Pain?**
 - Sensitivity and pain affect patient quality of life.
 - Common in aging patients and post-surgical contexts.
 - Impacts patient willingness to seek care.
- **What is DentoClude F?**
 - US FDA-approved Bioactive Glass Technology.
 - Professional in-office application.
 - Provides instant and long-lasting relief from dental hypersensitivity.



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Advantages for Dental Practices

- **Protects Surgical Sites:** Seals exposed nerves, reducing risk of post-operative sensitivity^[2].
- **Facilitates Healing:** Provides a barrier against heat, cold, and acid during recovery.

Evidence & Scientific Support

- Clinical studies and scientific reviews show reduction in pain and sensitivity.
- Supported by practice outcomes and patient feedback.

Conclusion & Takeaways

- DentoClude F delivers measurable improvement in patient comfort and results.
- Adds value for both dental practices and patient outcomes.
- Positions your practice at the forefront of dental innovation.

DentoClude F's role in Oral Surgery Outcomes

DentoClude F is a bioactive desensitizing material used to reduce dentin hypersensitivity and pain following dental procedures, including restorative and surgical interventions. Based on its properties and supported clinical use, these are the likely roles DentoClude F can play in oral surgery outcomes:

- **Reduction in Post-Operative Sensitivity and Pain:** DentoClude F forms a protective barrier over exposed dentin and nerve endings in surgical sites. This can reduce sharp, lingering pain after tooth extractions, grafting, and similar procedures, improving immediate patient comfort..
- **Enhanced Patient Experience:** By minimizing painful sensitivity, patients may have a more positive perception of oral surgery and be more likely to adhere to care instructions and return for follow-up appointments.
- **Supporting Healing:** By sealing surgical sites from external irritants (thermal, chemical, bacterial), DentoClude F may help create a more stable healing environment, potentially reducing complications related to discomfort or secondary hypersensitivity.
- **Broader Access to Care:** For patients prone to hypersensitivity or with anxiety about pain, using DentoClude F can facilitate more comprehensive care, as post-operative discomfort is a primary barrier to receiving extensive dental treatment.
- **Potential Integration with Oral Surgery Protocols:** While rinses like chlorhexidine are commonly used for infection and osteitis prevention, DentoClude F will serve as an adjunct for comfort and hypersensitivity management, especially in patients with known sensitivity issues.



Summary Table



Role	Effect on Oral Surgery Outcome
Reduces post-op sensitivity and pain	Improves immediate comfort, less pain
Protects surgical sites	May support wound stability and healing
Improves patient experience	Greater satisfaction, compliance
Enables broader care	Helps treat sensitive or anxious patients
Adjunct to standard protocols	Supports ongoing comfort after surgery

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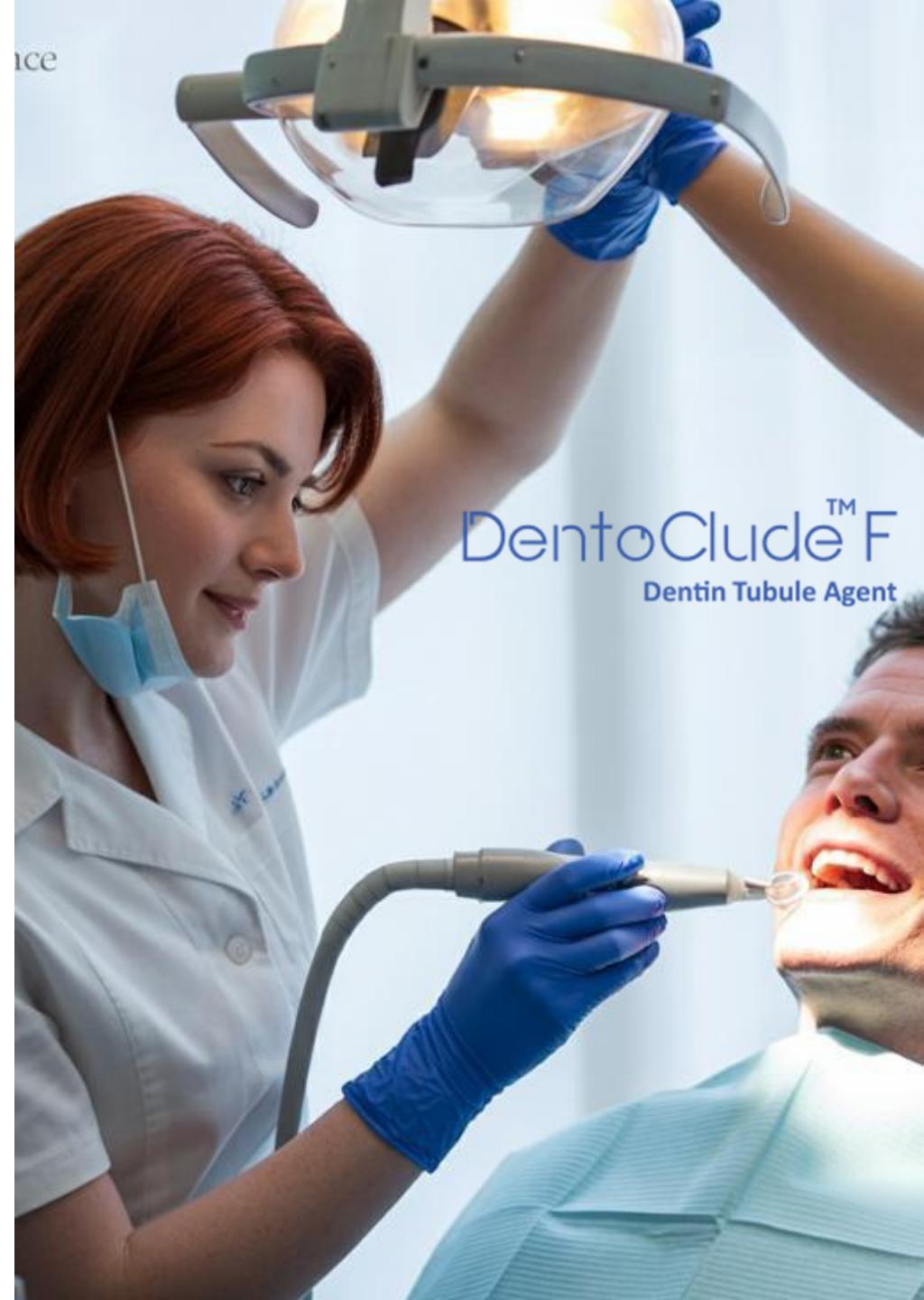
*Citations correspond to information about DentoClude F's mechanism and the principles of post-op management and pain; no direct clinical trial results independently confirm a unique role in oral surgery outcomes, but its properties strongly support these contributions.

Revenue Benefits to Dental Practices and Hygienists

Offering advanced dental treatments like DentoClude F can provide several revenue benefits for dental practices and hygienists:

- **Increased Patient Acceptance of Care:** By providing effective solutions for sensitivity and pain, practices can help hesitant patients commit to necessary or elective procedures—leading to a higher case acceptance rate and more comprehensive treatment plans.
- **Expanded Service Offerings:** DentoClude F allows practices to offer specialized desensitizing treatments, differentiating them from competitors and justifying premium fees for advanced care.
- **Enhanced Patient Retention and Referrals:** Satisfied patients experiencing less pain are more likely to return for regular hygiene appointments and refer others, which increases patient volume and recurring revenue streams.
- **Improved Procedure Efficiency:** By minimizing discomfort, DentoClude F can speed up hygiene and restorative visits, enabling more appointments per day and improving staff productivity.
- **Greater Value Per Visit:** Hygienists can provide add-on services (like desensitizer applications), increasing average revenue per patient without significantly extending chair time.
- **Long-Term Revenue Gains:** Practices that expand preventive and pain-management offerings can see annual net revenue increases, particularly as utilization rates and service diversity rise.

These benefits collectively support healthier cash flow, better patient outcomes, and a stronger competitive position for both dental practices and hygienists.



DentoClude Practice Provider Analysis: Cost, Revenue, and ROI

Profitability Analysis for DentoClude Tooth Treatments

- **Provider Cost:** \$49 for treating a case of 3–10 teeth.
- **Suggested Patient Price:** \$99–\$140+ per tooth.

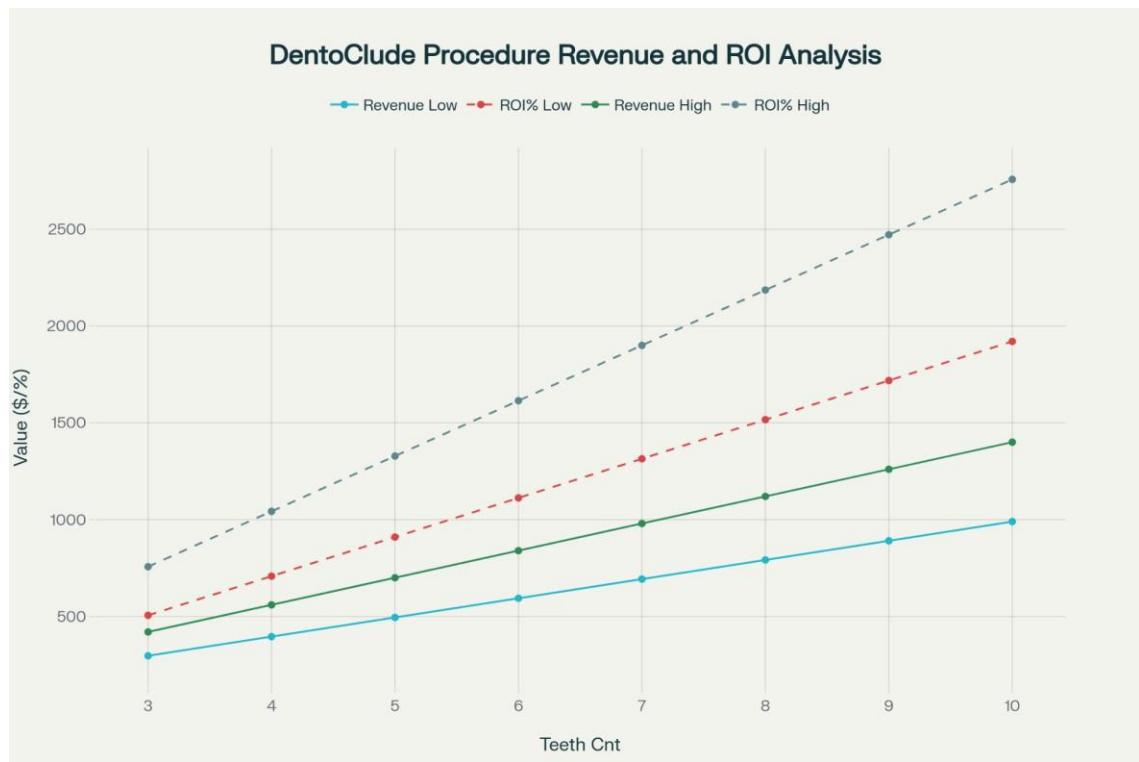
Revenue and ROI Details

Key Takeaways:

- Even at the lowest suggested price, practices can achieve **ROI greater than 500% for 3 teeth**, scaling up to nearly **2,000% for 10 teeth**.
- At the highest suggested price, ROI can exceed **2,700% for 10 teeth**.

Teeth Treated	Revenue (\$99/tooth)	ROI (%) @ \$99	Revenue (\$140/tooth)	ROI (%) @ \$140
3	\$297	506%	\$420	757%
4	\$396	708%	\$560	1,043%
5	\$495	910%	\$700	1,329%
6	\$594	1,112%	\$840	1,614%
7	\$693	1,314%	\$980	1,900%
8	\$792	1,516%	\$1,120	2,186%
9	\$891	1,718%	\$1,260	2,471%
10	\$990	1,920%	\$1,400	2,757%

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ROI for All Segments/Procedures

- **High-margin Opportunity:** Compared to many dental procedures, DentoClude's ROI far exceeds the industry norm (dental practices typically achieve 20–60% operational profitability per case).
- **Direct Cost Model:** Only \$49 fixed cost per procedure means each additional tooth treated substantially boosts profit.
- **Scalable Profit:** Practices can multiply ROI by treating multiple teeth in a single session.
- **Integration with General Tooth Cleaning**
 - **Bundling Opportunity:** DentoClude treatments can be offered as an add-on to general tooth cleaning (prophylaxis), similar to how fluoride or sealants are bundled.
 - **Increased Case Acceptance:** Integrated technology and modern dental tools have been shown to improve treatment acceptance and practice revenue by 25–40%⁷.
 - **Patient Value:** Offering advanced tooth treatments alongside routine cleaning streamlines care and can increase average revenue per visit.

Suggested ROI and Benefits

- **ROI Calculation:** Practices using DentoClude can easily surpass ROI seen in standard technology investments, especially when bundled with routine cleanings.
- **Revenue Optimization:** Incorporating DentoClude with every cleaning, and using targeted patient education to showcase its preventive and cosmetic benefits, can further maximize ROI.
- **Competitive Advantage:** Practices that adopt such high-ROI, technology-driven procedures tend to see higher patient retention and a stronger financial position.



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They are much more effective in regenerating tissues than other products available on the market.

“They are osteoinductive, meaning that they stimulate the proliferation of bone cells,” she says. “This stimulation is due to the release of certain types of ions that, when absorbed by bone cells, activate genes related to the cell proliferation process.”

Another advantage of the material is the fact that it is totally resorbable. The new formulation also has angiogenic properties, which help in the formation of new blood vessels near the implant or lesion.



The prevalence of dentinal hypersensitivity has been reported over the years in a variety of ways: greater than 40 million people in the U.S. annually, 14.3% of all dental patients, between 8% and 57% of adult dentate population, and up to 30% of adults at some time during their lifetime.

(Reference: Desensitizing bioactive agents improves bond strength of indirect resin-cemented restorations: preliminary results Fernanda de Carvalho Panzeri Pires-de-Souza; Fabíola Fiorezi de Marcoll; Luciana Assirati Casemiro; Heitor Panzeri).

Fernanda de Carvalho Panzeri Pires-de-Souza; Fabíola Fiorezi de Marcoll; Luciana Assirati Casemiro; Heitor Panzeri.





Summary

DentoClude offers exceptional ROI compared to both traditional and other advanced dental procedures.

Practice owners should consider bundling and patient education to maximize uptake during general cleanings.

Scalable profits exist at each patient segment — from single-procedure to bundled routine care offerings.

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