

# TRANSFORMING TOOTH REPAIR: NOVEL DENTAL ADHESIVE INNOVATION

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## AT A GLANCE

Discover our advanced dental adhesive with Tideglusib® for superior bonding and enhanced natural dentin regeneration. Combining cutting-edge technology with proven safety, it sets a new standard in dental care.



## CHALLENGES



The dental industry faced challenges with adhesives weakening due to moisture, bond deterioration from chewing and temperature changes, and microleakage causing secondary caries and restoration failure. Traditional adhesives also had issues with cytotoxicity, complex application processes, and limited compatibility with restorative materials.

## THE INNOVATION



Unlock the future of dental care with a system that doesn't just fix—it heals. The enhanced Ultradent® Universal Adhesive with Tideglusib® is your go-to for delivering superior results, boosting patient satisfaction, and setting your practice apart.

Key Features:

- **Unmatched Bonding Strength:** Experience superior adhesion that ensures long-lasting, secure restorations.
- **Natural Dentin Regeneration:** Tideglusib® actively enhances the natural repair of dentin, promoting internal tooth regeneration like never before.
- **Advanced Biocompatibility:** Safe and gentle on patients, this system is rigorously tested and proven through microcomputed tomography, transmission electron microscopy, and cytotoxicity testing.
- **Enhanced Sealing and Longevity:** Extend the life of your dental work with improved sealing that stands the test of time, reducing the need for repeat treatments.
- **Cutting-Edge Validation:** Backed by molecular docking simulations and advanced scientific research, this adhesive offers a robust, reliable solution for modern dentistry.

## MARKET OUTLOOK

2024-2028



## THE OPPORTUNITY



Our unique adhesive system, enhanced with Tideglusib®—a pioneering GSK-3 inhibitor—offers unmatched benefits that set it apart from traditional dental adhesives.

- **Rapid Market Growth:** Capture a significant share of the dental restoration market, projected to grow at a CAGR of 5.47% from 2023 to 2028.
- **Advanced Technology Integration :** Enhanced Dentin Regeneration, Superior Biocompatibility & Validated Efficacy.
- Serve as a **premium option** in the market, appealing to dental professionals seeking the latest advancements in restorative technology.

