



Dentistry  
Elevated™

DentXpin™



## **Fiber Optic Restorative Dentistry**

The **DentXpin™** is a new and innovative solution to fixing broken teeth. This device improves the shear strength of the composite bond as well as improves the strength of the composite resin on the tooth for a permanent repair.

- Changes the approach to how you look at tooth repair.
- Improves the longevity & strength of the restoration.
- Mechanically and chemically anchors tooth to the restoration with custom fiber optic pin.
- Used in the anterior and the posterior of mouth. Long-term solution for anterior tooth fractures. Works on the smallest to the largest fractures.
- Works with any anchoring or restoring material on the market.



*Photo 1 – Chip*

Chipped tooth – how many of these do you see and repair without long-term success?



*Photo 2 – Inserted Pin*

Using the custom bur provided, drill hole to desired depth and rinse. Using any bonding system – coat hole, tooth and glass pin with bonding agent. **Place drop of flowable composite on the tip of the DentXpin™**. Insert in hole wet then cure both pin and tooth.

**\*Be sure to attach floss to the handle of the pin to insure the pin is not swallowed or aspirated during the procedure – see picture above\***



*Photo 3 – Score Pin with Bur*

Using the custom bur, score the **DentXpin™**. Cut to desired length.



*Photo 4 – Pin Placement*

Tooth is now ready for restoration with any composite system. Improves light curing depth and shear strength.



*Photo 5 – Restored Tooth*

Restoration is reinforced and secured. Fiber pin is invisible.