

**PULPDENT CORPORATION**

# Press Release

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## **Study Shows Embrace Wetbond Inhibits Bacteria**

WATERTOWN, MA: July 7, 2008— Although composite resins generally attract bacteria at a much greater rate than does amalgam, a study released today indicates that Embrace WetBond Pit & Fissure Sealant, manufactured by Pulpdent Corporation, actually inhibits bacteria.

The study, “Comparison of Antibacterial Properties of Sealants and Amalgam,” was presented at the International Association for Dental Research in Toronto by researchers from the Tufts University School of Dental Medicine in Boston. The study compared the antibacterial properties of amalgam and three pit and fissure sealants, using *Streptococcus mutans* bacteria with chlorhexidine as the control.

For the study, researchers placed samples of amalgam, chlorhexidine, Embrace Wetbond, and several other commercially available sealants in Petri dishes that had been streaked with *S. mutans*. After allowing time for the bacteria to proliferate, they measured the zones of bacterial growth inhibition around each sample. Embrace Wetbond had the highest mean zone of inhibition against *S. mutans* (except for the control group), and had significant antibacterial properties in comparison to the other samples.

Pulpdent Embrace Wetbond is formulated from an improved dental resin that bonds to the moist tooth, making it easier and faster to apply. The product provides exceptional marginal seal and eliminates microleakage. It is available from dental dealers in a variety of packaging configurations. For more information, call 800-343-4342 or visit [www.pulpdent.com](http://www.pulpdent.com).

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