Method and Kit for Delivering Regenerative Endodontic Treatment

Technology
Doctors Murray and Garcia-Godoy developed isolation and cell culturing techniques for obtaining and proliferating adult dental pulp stem cells. These cells have been shown to replace diseased tooth pulp after root canal.

Product
The adult pulp stem cells, along with a biodegradable scaffold, are implanted after standard root canal to regenerate healthy pulp including nerves, blood vessels, and connective tissue. The adult pulp stem cells are packaged in a kit that dentists can use easily after root canal procedures. There are approximately 24 million root canal procedures per year in the United States.

Patents
A U.S. Patent Provisional Application entitled “Method and Kit for Delivering Regenerative Endodontic Treatment” was filed on December 14, 2007. A PCT will be filed before December 14, 2008.

Plan
We are seeking a research collaboration to conduct definitive preclinical studies in our laboratories. This joint product development effort may result in a product that will help millions of people. We wish to participate in clinical testing as well. The patent is available to option or license.

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