

Navigating Patient FAQs

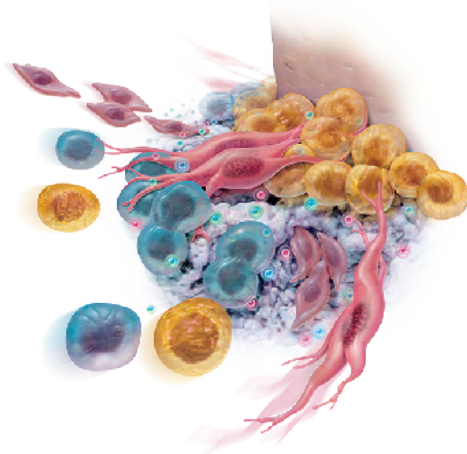
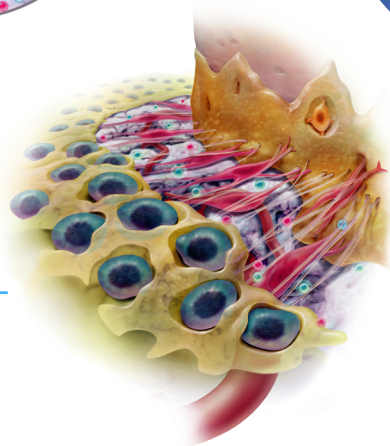
GEM 21S® Growth-Factor Enhanced Matrix is a synthetic bone graft composed of pure, sterile bioengineered platelet-derived growth factor (PDGF) and a bone graft. PDGF is naturally found in our bodies (present in the platelets in your blood) and is often referred to as nature's wound healing protein. Whenever you experience a wound or surgery, your blood clots and platelets release PDGF (along with other proteins), stimulating the healing process. Unfortunately, as we grow older and with certain conditions, the amount of naturally occurring PDGF declines so we no longer heal as we did previously. GEM 21S® replenishes the amount of PDGF at the grafted site to aid in faster, better healing.⁷



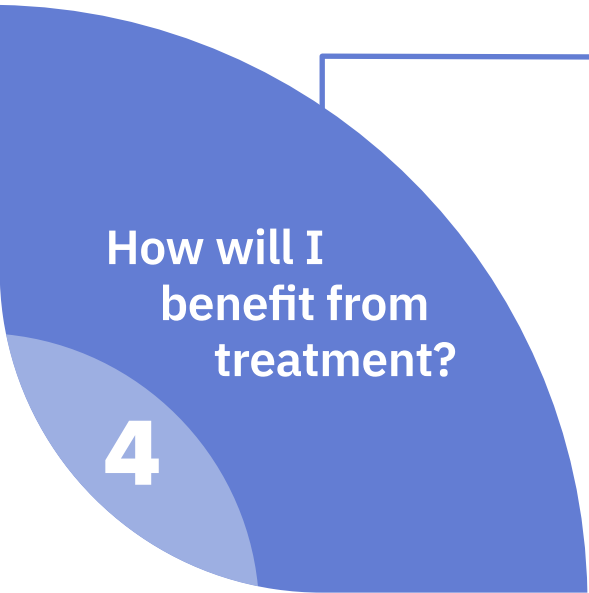
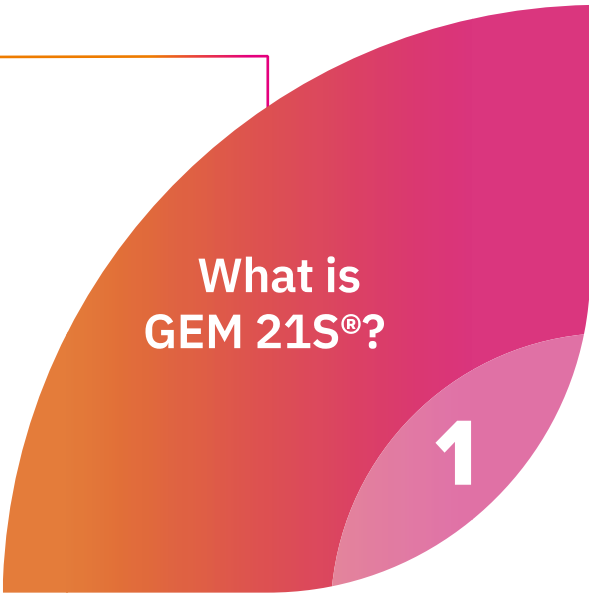
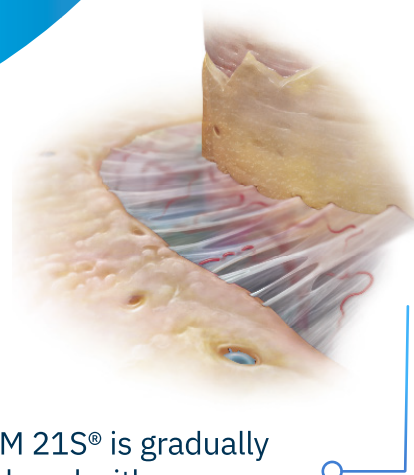
Since GEM 21S® will be implanted under your gums, you won't be able to see the powerful effects of the treatment as it occurs. These illustrations show how GEM 21S® speeds up your body's natural healing process:

Your doctor will begin by thoroughly cleaning the area to be treated. Once properly prepared, GEM 21S® is used to fill the area where bone and other supporting structures have been lost. GEM 21S® acts by signaling your body to actively begin to heal and regenerate healthy bone and soft tissues.

GEM 21S® attracts the specific cells that your body needs to regenerate bone and the surrounding tissues, causing them to multiply in number. This increase in cellular activity results in a more rapid healing process.²⁻⁴



GEM 21S® is gradually replaced with your own bone and other normal tissues. Several months after treatment with GEM 21S®, healing is complete.⁸



GEM 21S® will improve the health of the jaw bone and surrounding tissues that have been damaged as a result of periodontal disease. GEM 21S® is the only product available for use in dental surgery that contains pure PDGF to improve healing.



YES. GEM 21S® has been approved by FDA.⁹ In addition to being the only FDA-approved product available for use in dental surgery that contains pure PDGF (nature's wound healing protein), GEM 21S® is also one of the most rigorously studied products in dentistry over the last 20 years.

How can I find out more information about GEM 21S®?

Visit our web site at LYNCHBIOLOGICS.COM and/or ask your dentist or other oral care specialist.