Thank you for providing us with your email address. We want to keep you up-to-date on events and special dates at GreenMark. If you no longer want to receive these mailings, please click unsubscribe below.

GreenMark Biomedical Inc. has an ongoing need to target and restore the enamel subsurface by regenerating tooth structure. Products, which seal the tooth’s enamel surface, GreenMark’s products are designed to target and restore the enamel subsurface by regenerating tooth structure.

GreenMark’s team has also demonstrated the ability to load the essential minerals, depleted as a result of caries, into the remineralization sites of the subsurface. This process, called remineralization, results in discomfort and improved long-term oral health outcomes for patients. GreenMark’s LumiCare™ rinse enhances visualization of carious lesions (cavities & pre-cavities) by targeting and illuminating sub-surface porosities in enamel, thereby aiding in the detection of caries. The technology utilizes bioresorbable starch-based nanoparticles which degrade due to enzymes in saliva by the time the patient is ready to leave the dental office.

Rinse, to be used by dental professionals as part of the routine dental exam, contains fluorescently labeled starch particles that target the subsurface of carious lesions in sub-micron sizes. This technology aids in the identification of pre-cavitated and early cavitated as well as early, non-cavitated lesions. Since 2015, we’ve worked alongside members of the Michigan Nanotechnology Sound of Science Launchpad to realize our vision of detecting dental caries through the contemporary science and technology of nanotechnology.

Identifying cavitated as well as early, non-cavitated lesions early creates an opportunity to avoid invasive treatment options required once a cavity has formed. While detecting and treating caries non-invasively with this breakthrough technology sounds like science fiction, it is here today. GreenMark’s LumiCare™ rinse enhances visualization of carious lesions (cavities & pre-cavities) by targeting and illuminating sub-surface porosities in enamel, thereby aiding in the detection of caries. The technology utilizes bioresorbable starch-based nanoparticles which degrade due to enzymes in saliva by the time the patient is ready to leave the dental office. GreenMark’s LumiCare™ rinse was recognized as a 2020 Best of Class winner in the Emerging Technology category of the Cellerant Best of Class Technology Awards. LumiCare™ rinse was also a 2020 Best of Class winner of the cellerant best of class technology awards. GreenMark will continue to sponsor research studies with leading clinicians and their patients takes another step forward as we approach commercial availability of our LumiCare™ product,” noted Adam Laird, J.D., Director of Business Development.

About GreenMark Biomedical Inc.

GreenMark Biomedical Inc. is a nanotechnology platform for non-invasive and preventative dental treatment. “Our company aims to help advance the standard of care in the management of dental caries through the contemporary science and technology of nanotechnology,” said Dr. Lou Shuman, DMD, CAGS, dental chairman and CEO. GreenMark plans to commence sales of the product in the fall of 2020. GreenMark’s LumiCare™ rinse was recognized as a 2020 Best of Class winner in the Emerging Technology category of the Cellerant Best of Class Technology Awards. GreenMark will continue to sponsor research studies with leading clinicians and their patients takes another step forward as we approach commercial availability of our LumiCare™ product,” noted Adam Laird, J.D., Director of Business Development.

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Prior to launch, GreenMark will scale its manufacturing and solidify its distribution channels. “Our company’s passion for creating new products that benefit dental professionals and their patients takes another step forward as we approach commercial availability of our LumiCare™ product,” noted Adam Laird, J.D., Director of Business Development.

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In the Emerging Technology category.

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GreenMark develops products that involve small sub-micron particles produced from food grade starch. These particles make an ideal carrier for medical and dental applications, given that enzymes in our body and saliva degrade starch. Dental caries is the most prevalent chronic disease in the world, and GreenMark is developing ways to target and restore the enamel subsurface by regenerating tooth structure.

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