



YOUNG®
PerioDT®
WITH DESICCATION TECHNOLOGY

A DSO WHITE PAPER

Implementing PerioDT®

Featuring Great Expressions Dental Center's VP of National Hygiene,
Chinyere (Chi Chi) Anigbogu, RDH, MSCH, PhD

According to the Centers for Disease Control and Prevention (CDC), almost half of all American adults suffer from periodontal disease (2024).

The culmination of microbial microorganisms may lead to a complex host-mediated inflammatory and immune response, representing the primary etiological factor of periodontal damage (Di Stefano et al., 2022). Research has also linked periodontal bacteria and inflammation to various systemic conditions, such as cardiovascular disease, autoimmune disorders, adverse pregnancy outcomes, diabetes, etcetera. Young® PerioDT®, a newly introduced desiccant therapy, is making waves in the DSO space for its effectiveness in prolonging the benefits of periodontal non-surgical treatments.



WHAT IS YOUNG® PERIODT®?

Young® PerioDT® with Desiccation Technology is an advanced, topical dental debridement liquid or gel intended for use as an adjunctive decontamination rinse to help remove the smear layer and pathogenic debris. Young® PerioDT® is not comprised of antibiotics, but instead of sulfonated phenolics that create a dehydrating effect to remove harmful microorganisms. This

can assist with debridement and removal of biofilm and calculus from periodontal pockets and surrounding tooth surfaces.

Desiccation works by removing water from infectious microbial material, dead cellular debris and other macromolecules (biofilm and calculus) found around teeth and prosthetic surfaces in the oral cavity. This desiccation process occurs in less than one minute, making Young® PerioDT® effortless to implement into the DSO hygiene workflow.

[▶ Watch this video](#) to learn more about Young® PerioDT® with Desiccation Technology.

HOW WAS YOUNG® PERIODT® INTRODUCED TO DSO HYGIENISTS?

Serving as Great Expressions Dental Center's (GEDC) VP of National Hygiene, Chinyere (Chi Chi) Anigbogu, RDH, MSCH, PhD believes that expanding the dental hygiene role adds value to the entire office by improving patient outcomes. To bring an "expanded function hygienist" role to Great Expressions Dental Centers, she established a customizable periodontal health protocol, where different product types could be considered based upon treatment needs.

When looking at adopting new products into their protocol, GEDC will perform a clinical trial of the product to determine effectiveness.

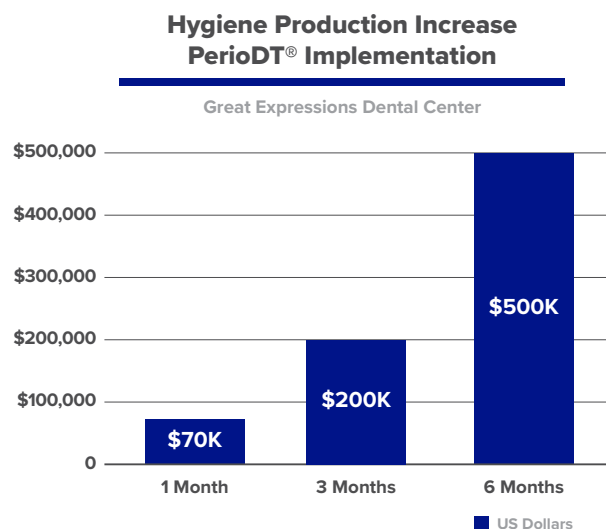
▶ [Watch this video](#) to hear more about the GEDC pilot results.

WHAT WERE GEDC'S RESULTS?

Clinical Results – Since launching Young® PerioDT® eight months ago, GEDC's hygienists have noticed a variety of benefits to using the desiccate. They use Young® PerioDT® as an adjunct Scaling and Root Planing (SRP) tool, but also with gingivitis patients and at the first sign of bleeding. Not only did Young® PerioDT® reduce the red complex (i.e. pathogenic) bacteria for an extended period of time, but the product's ability to dehydrate the calculus also made it easier to remove deposits and provided hemostasis during the appointment. During patient's follow-up appointments, hygienists reported decreased periodontal pocket measurements at the patient's subsequent visits.

Case Acceptance Results – When it comes to tracking the usage of Young® PerioDT®, Chi Chi runs a monthly procedure (i.e. insurance) code report that shows how often the product has been used. In the first month of implementing Young® PerioDT®, GEDC experienced a 70k increase in hygiene production. Take a look at GEDC's profitability report above.

Moving forward, Chi Chi will set a goal to track monthly usage of Young® PerioDT® and follow up with the offices when further clinical support is needed.



WHAT ARE CHI CHI'S TIPS FOR ADOPTING YOUNG® PERIODT®?

Clinical Tips – Young® PerioDT® can be used for both full-mouth or application specific sites, so once the GEDC hygienist felt comfortable with the technique and procedure, the process of application was easy and flowed nicely within the appointment. Chi Chi appreciates that Young® PerioDT® delivers immediate efficacy after application. She recommends applying and promptly removing the product, highlighting its significant advantage—eliminating the need for additional chair time.

Case Acceptance Tips – Great Expressions Dental Center's patient case acceptance levels were consistently high with Young® PerioDT®. Chi Chi believes they were able to achieve high case acceptance rates by focusing on profitability and patient education. To achieve strong profit margins during their roll out, GEDC created an internal procedure code that was tied to appointment types where Young® PerioDT® treatment could be needed. This internal procedure code was populated for patients with

inflammation, but it was also customizable for the hygienist to select Young® PerioDT® for any patient that would benefit from its treatment. This model gave the hygienist the ability to use Young® PerioDT® to improve patient outcomes and increase case acceptance.

For patient education, Chi Chi says, “It’s all about the verbiage. How you speak to your patients empowers them to make the most informed decisions regarding their dental care. There will always be push back on certain things, because patients expect everything to be covered, but it’s all in the presentation of the treatment plan.”

“How you speak to your patients empowers them to make the most informed decisions regarding their dental care.”

When it came to implementation and workflow for Young® PerioDT®, Chi Chi believed education was the foundation for GEDC’s product implementation success.

BRINGING IT ALL TOGETHER

Young Innovations, the distributor of Young® PerioDT®, provided GEDC with comprehensive support, including diverse educational resources, on-boarding assistance, supplementary new hire training, and ongoing follow-up communication. Chi Chi’s desire to improve periodontal patient outcomes magnified her dedication to seek out new-to-world SRP adjuncts, which she found through implementing Young® PerioDT®.



Chinyere (Chi Chi) Anigbogu, RDH, MSCH, PhD

VP of National Hygiene, Great Expressions Dental Center

Chi Chi has over 20 years of clinical experience, graduating in 2000 from Old Dominion University with her Bachelor of Science degree in Dental Hygiene. She went on to receive both her master’s and then her PhD in Business Administration with an emphasis on health care leadership. She started chairside at GEDC, and her continued desire to educate herself kept her reaching for more opportunities. She was a Regional Hygiene Director and then was promoted to Senior National Hygiene Director after two years. Her commitment to the betterment of the Hygiene profession kept her striving for the best periodontal protocols. She has worked tirelessly to implement several adjuncts within the GEDC perio protocol and give hygienists the ability to achieve positive outcomes for their patients.

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**Contact us to learn more about Young® PerioDT®
and how Young Innovations can support your team
with comprehensive training and integration.**

GET IN TOUCH:

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REFERENCES

Centers for Disease Control and Prevention. (2024d, May 15). Gum disease facts. Centers for Disease Control and Prevention. <https://www.cdc.gov/oral-health/data-research/facts-stats/fast-facts-gum-disease.html>

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