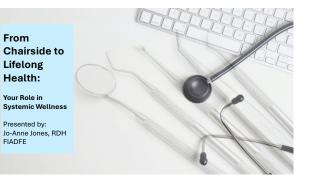
From Chairside to Lifelong Health: Your Role in Systemic Wellness





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Learning Objectives

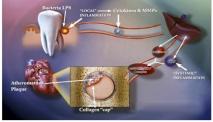
Upon completion of the webinar, the participant will be able to;

- Understand the biological pathways of oral inflammation and the impact on systemic health
- Recognize the critical role of the dental team in promoting overall wellness
- Solve oral self-care challenges with innovative product recommendations

We're here to help ...



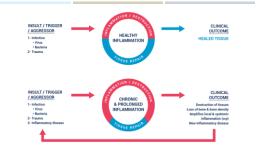
Cardiovascular Disease



ionali, Story Brook School of Dental Medicine.

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Alzheimer's Disease

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"They are all chronic inflammatory diseases; a consequence of unchecked, or undiagnosed ongoing inflammation. All chronic diseases have excessive inflammatory responses. The primary difference is anatomical location."



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"People do not care how much you know until they know how much you care." -Teddy Rossevelt UNTIL THE PATIENT PERCEIVES A PROBLEM, THEY WILL NOT 'BUY' INTO THE SOLUTION

- First of all, are we uncovering the information in our standard medical history update questions? (Familial history, risk factors, subjective symptoms, etc.)
- Chronic inflammation connects systemic diseases. A 'condition' in one anatomical location has an effect that reaches far and wide (Does the patient understand the connection?)
- "Do you understand the treatment fully? Do you also understand what will happen if you choose not to accept the treatment?"
- Next step is patient engagement...ownership of the 'problem'

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has been been used to write both the set of the set of

Enter, 2nd resource...

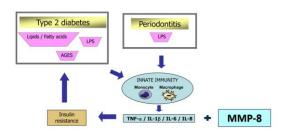
- Checkbox style medical history update
 Facilitates uncovering of information that wouldn't otherwise be communicated
- · Last but not least, it enables us to make a human CONNECTION

Clinical Scenario – Dx Pre-Diabetic

- 19. Have you been diagnosed with diabetes?
 Type I Type I Pre-diabetes
 Det-controlled Medication controlled Under control: Yes No
- Individuals with prediabetes have a higher CRP level, which is an indicator on elevated inflammation within their bodies than these with normal glucose tolerance.
 Systemic inflammation may plug a role in the early-phase deterioration of glucose metabolism.
 The emerging role of inflammation in both type 1 and type 2 diabetes (110 and 110) pathophysiology and associated metabolic disorders, has generated increasing interest in targeting inflammation to improve prevention and control of the disease.

suka T, Saiki Y, Kobayashi N, et al. Association Between Elevated C-Reactive Protein Levels : tetes. 2019 Feb;43(1):40-45.82. doi: 10.1016/j.jcjd.2018.03.007. Epub 2018 M and 19. PMID: 2016 rife S, Antongounda S, Olikonomou E, Figanificou IG, Alvigati Y, Bapalaanou S, Di Papalaanou S, Di Papalaanou S, Di Papalaanou S, Di Papalaanou S, Si S, Santo S, Figanificou S, Si S, Santo S, Papalaanou S, Si S, Santo S, Papalaanou S, Si S, Santo S, Papalaanou S, Si S, Santo S, 026044. eos S. Tousoulis D. The Role of Inflan in in Disk

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Science Driven Product Innovation At Home Management of Periodontitis Study



- First long-term/6-month clinical study of Philips Sonicare demonstrating safety and efficacy in periodontitis patients in combination with clinical therapy
- In conclusion this 6-month study showed that twice-daily home use of the Philips Sonicare DiamondClean Smart with Premium Gum Care brush head following scaling and root planing was statistically significantly more effective in reducing plaque, and symptoms of periodontal inflammation including bleeding and pocket depth, compared to use of a manual toothbrush.



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KEY Conclusions

- Sonicare PTB was statistically superior in reducing periodontitis as measured by BOP compared to MTB after 4, 16, 20, and 24 weeks of home use.
- Sonicare was statistically superior in reducing symptoms of periodontal inflammation as measured by PPD and CAL compared to MTB after 4, 16, 20, and 24 weeks of home use.
- Sonicare was statistically superior in reducing supragingival plaque as measured by MPI compared to MTB after 4, 16, 20, and 24 weeks of home use.

an K, Milliman J, Starke M, et al. A comparison of the effects of scaling and root planing, plus twice-daily rushing, in a stage UII periodontitis population. Salus Research Inc. Indiana, USA. Study completed in 2020











From Chairside to Lifelong Health: Your Role in Systemic Wellness

Clinical Scenario – Dry Mouth

We underestimate the debilitation that a loss of saliva can impart.

The patient doesn't bring it up as they have tried so many things and nothing seems to provide relief.

Are we giving patients the validation they deserve?

Do you inquire about xerostomia in your practice?

5. Does your mouth frequently feel dry? 🔄 Yes 📄 No If yes, on a scale of 1 to 10, how much does it disrupt your daily activities?

Science Driven Product Innovation

Philips Sonicare Power Toothbrush in a Xerostomic Environment

- Study: To determine if using a Philips Sonicare power toothbrush (PTB) was a beneficial treatment of
 medication-induced xerostomia
 Methods: Is subjected with medication induced xerostomia randomly assigned Sonicare (SC) or a
 manualtoothbrush (MTB). Followed for four months; saliva flow was measured by subjects at four
 collection periods.
 Results: End-of-study questionnaire showed that 98.2% of subjects found enhanced salivary flow and
 92.7% would use it to increase salivary flow. After three years, subjects rate the cleaning effect of the
 Sonicare to -4.5 (5 excellent).
 Conclusions: The use of a Sonicare resulted in statistically significant increase in post brushing
 salivary flow rates in persons with medication-induced xerostomia

rence is a manual TB, make certain recommendation is for a soft TB such as Curaprox *If patient prefe

Papas A, Singh M, Harrington D, et al. Stimulation of salivary flow with a powered toothbrush in a xerostomic population. Spec Care Dentist 2006 Nov-Dec; 26(6):241-6.

Science Driven Product Innovation Protection in a Compromised Oral Environment





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Philips Sonicare Power Flosser



RESULTS OF CLINICAL STUDIES

- 1. 180% more effective than string floss at improving gingival health1
- Up to 130% more effective than interdental brushes in 2. improving gingival health²
- 3. Up to 2.5X as effective as interdental brushes in reducing gingival inflammation between teeth²

1 When used with the QUAD STREAM nozzle on setting 8 with a manual toothbrush in patients with moderate to severe gingivitis vs. using manual toothbrush with string floss 2 When used with Quad Stream nozzle on setting 10 with a manual toothbrush in patients with moderate to severe gingivitis vs. using manual toothbrush with interdential brush





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Impact of Systemic Medications and Dental Pharmaceuticals on Oral Health Management

An in-depth overview of pharmacology focused on integrating pharmacological knowledge into clinical decision-making to optimize patient care and outcomes

