



HUNTINGTON DENTAL GROUP WILLIAM T MYERS DDS

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#081

Featured Topics

ViziLife Plus

Xylitol & Dentistry

New Mouthwash

ViziLife Plus

ViziLife Plus as part of a comprehensive oral screening:

Oral cancer is one of the most curable diseases when it's caught early. That's why the ViziLife Plus exam has been developed. ViziLife Plus uses technology that has been proven successful in identifying soft tissue abnormalities in other areas of the body.

A ViziLife Plus examination is particularly important if you are at increased risk for developing oral cancer.

Importance of Early Detection

Early detection is the key to reducing the devastating impact of oral cancer on victims and their families. Annual oral cancer screening of patients at increased risk for oral cancer, patients age 18 and older, and tobacco users of any age, is the only way to achieve the early detection of oral cancer necessary to reduce the death rate of oral cancer – a death rate that has remained unchanged for more than 40 years!



Xylitol

Xylitol containing dental care products - another way to help fight tooth decay



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What is Xylitol and how can it be of benefit or help in reduction of tooth decay?

When you use xylitol gum or mints, the acid attack that would otherwise last for over half an hour, is stopped. Because the bacteria in the mouth causing caries are unable to ferment xylitol in their metabolism, their growth is reduced. The number of acid-producing lactobacilli and streptococci may fall as much as 90%. No acid is formed because the pH of saliva and plaque does not fall. After taking xylitol, the bacteria do not adsorb well on the surface of the teeth and the amount of plaque decreases.

Research has shown that the use of xylitol gum or mints also helps correct incipient damage to the enamel. Saliva in itself protects the mouth and teeth. Stimulated saliva in particular contains all the components needed to correct incipient caries. If sugar is only taken a couple of times a day, the saliva can do the job alone. But most people take sugar so often that the mouth's own defensive mechanisms are not enough.

Saliva containing xylitol is more alkaline than saliva stimulated by other sugar products. After taking xylitol products, the concentration of basic amino acids and ammonia in saliva and plaque may rise, and plaque pH rises as well. When pH is above 7, calcium and phosphate salts in saliva start to precipitate into those parts of enamel where they are lacking. Thus, soft, calcium-deficient enamel sites begin to harden again.



Importance of Early Detection of Oral Cancer:

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The chart below shows how the death rates of other types of cancers have dropped with routine visual/manual screening examinations followed by annual examinations with an adjunctive screening technology. As you can see, when patients at increased risk for breast cancer, prostate cancer and cervical cancer began receiving annual screenings with the mammogram, PSA test and Pap smear, respectively, there was a significant decline in the death rates due to these cancers.

	Screening Technology & Year Introduced	Decrease in Death Rates	For the Period
Breast Cancer	Mammogram - 1972	45% ^a	1972-1992
Prostate Cancer	PSA Test - 1986	17.6% ^b	1993-2002
Cervical Cancer	Pap Smear - 1952	70%-80% ^c	1950-1990
Oral Cancer	ViziLite Plus - 2002	to be assessed	

- a. American Cancer Society
- b. Canadian Medical Association CMAJ March 5, 2002:166 (5)
- c. American Society of Clinical Pathology, ASCP.org 6-27-03

How Xylitol Helps with Oral Care

Imagine chewing delicious gum or freshening your breath with a sprightly mint that may actually reduce the risk of tooth decay. Products sweetened with xylitol create an unwelcome environment for bacteria; they simply cannot stick to

H2Ocean Oral Rinse

How it Works: Refresh your breath with the cool Lemon Ice feel from the first daily oral rinse that uses coral reef sea salt, natural enzymes and minerals to help cleanse and ensure oral health. H2Ocean has also included an FDA registered ingredient called Xylitol. Xylitol is recommended by Dentists, Medical Doctors, Periodontists, Pediatricians and many Health Organizations worldwide.

All Natural Mouth Rinse: This exclusive formula is a high quality, all natural, safe daily oral rinse. H2Ocean's unique combination of natural ingredients provides you with the ultimate in an Oral Care Mouth Rinse.

- Alcohol free
- All natural ingredients
- Fluoride free
- Safe for all ages
- No cross contamination (push/pull cap)

