Coronary heart disease patients with no teeth have nearly double risk of death

Researchers connect levels of tooth loss (due primarily to poor dental hygiene that leads to periodontal disease) with increasing rates of death and stroke.

Factors and socioeconomic status, every increase in category of tooth loss was associated with a 6 percent increased risk of major cardiovascular events, 17 percent increased risk of cardiovascular death, 16 percent increased risk of all-cause death and 14 percent increased risk of stroke.

476 patients had a myocardial infarction during the study

Compared with those with all of their teeth, after adjusting for risk factors and socioeconomic status, the group with no teeth had a 27 percent increased risk of death, 32 percent increased risk of cardiovascular death, 81 percent increased risk of all-cause death and 67 percent increased risk of stroke.

“The risk increase was linear, with the highest risk in those with no remaining teeth,” said Vedin. “For example, the risks of cardiovascular death and all-cause death were almost double to those with all teeth remaining. Heart disease and gum disease share many risk factors such as smoking and diabetes, but we adjusted for these in our analysis and found a seemingly independent relationship between the two conditions.”

“Many patients in the study had lost teeth so we are not talking about a few individuals here,” continued Vedin. “Around 16 percent of patients had no teeth and roughly 40 percent were missing half of their teeth.”

During the study period, 476 patients had a myocardial infarction. There was a numerically increased risk of myocardial infarction for every increase in tooth loss, but this was not significant after adjustment for risk factors and socioeconomic status. Vedin said, “We found no association between number of teeth and risk of myocardial infarction. This was puzzling (because) we had robust associations with other cardiovascular outcomes, including stroke.”

Tooth loss could identify patients who need more prevention efforts

Gum disease is one of the most common causes of tooth loss. The inflammation from gum disease is thought to trigger the atherosclerotic process and may explain the associations observed in the study. Poor dental hygiene is one of the strongest risk factors for gum disease.

“This was an observational study so we cannot conclude that gum disease causes of tooth loss. The inflammation from gum disease is thought to trigger the atherosclerotic process and may explain the associations observed in the study.”

About the European Journal of Preventive Cardiology

The European Journal of Preventive Cardiology describes itself as being the world’s leading preventive cardiology journal, playing a pivotal role in reducing the global burden of cardiovascular disease.

About the European Society of Cardiology

The European Society of Cardiology represents more than 90,000 cardiologists professionals across Europe and worldwide. Its mission is to reduce the burden of cardiovascular disease in Europe.
Mouthguard has athletes smiling

Keystone Industries, the U.S.-based company that manufacturers some of the world’s top mouthguard products, has launched the latest product in its Pro-Form Mouthguard line — the PF2 mouthguard.

Unlike laminated mouthguard products that require a dentist to custom fit to the patient, the PF2 mouthguard is a do-it-yourself guard that provides an accurate custom fit without any need to take impressions of the teeth.

With the elimination of dentist appointments and impressions, the price of this guard is significantly lower than custom-fit mouthguards while still providing high-impact protection, according to the company. The PF2’s unique design also enables it to be re-fit by the user multiple times.

“Being a leader in this field means we need to set the bar high for new products and innovation,” said Michael Prozzillo, vice president of sales for Keystone. “The PF2 will change the way athletes buy mouthguards, but also how the dentist sells them.”

The suggested retail of the PF2 mouthguard is $38. It is available in either black or white. The company reports that there will be bulk purchases.

> See MOUTHGUARD, page B3
Keystone Industries unveils redesigned website

Worldwide dental manufacturer adds content and enhances ecommerce capabilities

Keystone Industries, one of the leaders in manufacturing dental products for both domestic and international markets, recently unveiled its completely redesigned website, www.keystoneindustries.com.

Changes include improved display on all screen sizes across multiple viewing platforms; an updated user experience for search and navigation, an option for live-chat with customer service; and a new way to place orders that the company describes as being easier and more efficient.

“We have been extremely excited to get this website launched for the start of 2016, because we know how much our customers value easy access to information and ordering,” said Derek Keene, vice president of marketing and product development. “As an international manufacturer, we want to stay ahead of the technological curve to serve our wide customer base.”

Along with the new look to Keystone’s website comes an experience that should better serve customers from all over the world. According to the company, placing orders is now more efficient than ever, with both Keystone and the customer’s preferred dealer able to process the order. Getting product information is readily available, with tutorial videos housed in a “Learning Center” and all SDS forms available in a newly designed SDS database.

“Everything from the look and feel of our product pages to our order forms has changed, and undeniably for the better,” Keene said. “This innovative platform for the dental industry will certainly boost the connection between manufacturer, dealer, end user and the product itself.”

Keystone’s website will undergo more updates in the coming months, including multiple language translations, more product tutorial videos and more.

The newly launched website is up and fully operating at www.keystoneindustries.com.

(Source: Keystone Industries)

On Keystone’s new website, both Keystone and the customer’s preferred dealer can now process orders.

Screen capture/Provided by Keystone Industries

Custom fit in less than a minute

“You just won’t be able to get ahold of another mouthguard that can be custom fit in under a minute and provide the same beneficial features,” said Derek Keene, Keystone’s vice president of marketing and product development. “We’re excited to watch PF2 take off and provide significant value to our customers and athletes across the country.”

To keep up to date on the PF2 and Keystone, go to www.keystoneindustries.com. You also can follow the company on all the major social media platforms.

About Keystone Industries

Keystone Industries, a privately held company founded in 1908, has maintained a reputation for producing innovative, high-tech dental products in both the operatory and laboratory realms. The company is committed to providing customers with the finest quality materials while developing products that surpass customer expectations. As this commitment has been met, the company has moved forward with expansion around the globe.

(Source: Keystone Industries)
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