Oral Health America program educates youth about the dangers of spit tobacco

Teaming up with Little League Baseball and Softball, the annual contest calls on players ages 8-14 to create a compelling, 10-word phrase describing the dangers of spit tobacco for a chance to win a trip to the Little League Baseball World Series and a cash prize.

“Play with grit. Strive to hit. But never spit!” was featured throughout the upcoming Little League Baseball World Series.

The campaign reaches tens of thousands of young baseball and softball players and their families with the goal of bringing more attention to the dangerous habit of chewing tobacco.

Oral Health America (OHA) recently announced the winner of its 13th Annual NSTEP (National Spit Tobacco Education Program) Slogan Contest. Twelve-year-old Falls Church, Va.-native Alex Smith’s slogan, “Play with grit. Strive to hit. But never spit!” was chosen out of nearly 1,500 submissions from Little Leaguers from across the country.

Alex received an all-expense paid trip to the Little League Baseball World Series in South Williamsport, Pa., and a cash prize. In addition, OHA is donating $500 to Alex’s local Little League program, the Falls Church Kiwanis Little League.

“Little League is pleased to be a part of helping educate Little League players about the risks associated with the use of spit tobacco,” said Stephen D. Keener, Little League president and CEO. “We hope that by participating in the slogan contest we help increase awareness for Little League players, coaches and their parents. We thank Oral Health America and commend them on NSTEP’s efforts.”

The winning slogan was chosen out of nearly 1,500 submissions from Little Leaguers from across the country, a contest record.

To learn more about spit tobacco, please visit www.nstep.org. There you will find brochures with resources to help current users quit and fact sheets that explain exactly why smokeless isn’t harmless.

(Oral Health America)
‘Adaptive Image Noise Optimizer’ results in noise-free 3-D imaging

Crystal clear images support precise diagnostics

The ProMax® 3Ds and 3D units from Planmeca (California Dental Association exhibit hall booth No. 1636/1936) are designed for capturing the smallest anatomical details with precision. High-resolution images with a 75 μm voxel size and efficient artifact removal make these units ideal for effective case planning and precise diagnostic capabilities, according to the company.

Versatile, selectable volume sizes on the ProMax ensure observance of the ALARA radiation principle; these include 5-by-5 and 5-by-8 cm for the ProMax 3Ds and 4-by-5, 4-by-8, 8-by-5 and 8-by-8 for the ProMax 3D.

**Noise-free images**

The Planmeca AINO™ (Adaptive Image Noise Optimizer) is an intelligent 3-D noise filter that removes noise from CBCT images without losing valuable details. The result is a crystal clear, highly diagnostic image, according to the company. Features include:

- Analyzes the reconstruction exposure data during reconstruction and adaptively differentiates noise and fine details.
- AINO filter is enabled in Planmeca Romexis® 3D capturing screen, while the original image is also stored and accessible.
- Improves image quality in endodontic mode where noise is inherent because of small voxel sizes.
- Also useful in ultra low-dose images.

**Artifact removal**

Planmeca ARA™ artifact removal algorithm removes shadows and streaks from the 3-D image, such as those caused by metal and root fillings, according to Planmeca.

**Ideal patient support**

The adjustable patient support keeps the patient firmly and comfortably in place, providing high-quality images without artifacts caused by movement, according to Planmeca.

**Comprehensive Planmeca Romexis software**

All ProMax™ units include Planmeca Romexis open-architecture software with versatile tools for endodontic diagnostic and treatment planning needs, such as true measurements and 3-D visualization of root canals. CBCT applications in endodontics include:

- Assessment of endodontic treatment complications.
- See NOISE-FREE, page A16
STABILITY, page A8

Conclusions
It is clear a correctly functioning tongue acts as a natural retainer, but when a patient habitually breathes through his or her mouth, the tongue is prevented from functioning in this correct way. In contrast, when the mouth remains closed and the tongue sits correctly, increased orthodontic stability can be expected.

Furthermore, when a patient maintains a closed-mouth posture and high-tongue posture, treatment time can be expected to lessen as forces exerted on the teeth and jaws will work favorably. Finally, it has been well-documented mouth breathing is not in the best interests of health, growth and correct development. Therefore, it is reasonable to assume encouraging correct functional breathing patterns will have a much more far-reaching effect than just correcting crooked teeth and jaws. Simply fixing the teeth and jaws is potentially missing a huge piece of the puzzle at the expense of possible health gains and future orthodontic stability.

References


Planmeca AINO removes noise from CBCT images without compromising diagnostic quality (top image uses filter, lower doesn’t).

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- Diagnosis of periapical pathosis.
- Root canal system anomalies.
- Determination of root curvature.
- Trauma diagnosis, such as root fractures, luxation, displacement of teeth and alveolar fractures.
- Localization of root resorption.
- Determination of exact root apex location in pre-surgical planning.

True all-in-one units
The Planmeca ProMax 3D and 3D offer the following, according to Planmeca:
- CBCT, panoramic, anatomically accurate extraoral bitewings and optional cephalometric imaging.
- Optional 2D SmartPan™ so 2-D and 3-D images can be taken with the same sensor.
- Optional Planmeca ProFace™ 3D facial photo for advanced case presenta-tion, operation pre-planning and treat-ment follow-up.

You can visit Planmeca in the California Dental Association exhibit hall in booth Nos. 1636 and 1936, learn more on-line at www.planmecausa.com, or call the company at (855) 245-2908.

(Source: Planmeca USA)