

UPCOMING WEBINARS

DENTAL TRIBUNE
DT STUDY CLUB

ADAC-ERP
Continuing Education Management Platform

DENTAL TRIBUNE AMERICA IS AN ADA CERP RECOGNIZED PROVIDER

09 MAR. 9 a.m. - 1 p.m.
DT STUDY CLUB C.E. SYMPOSIA AT AEEDC, DUBAI
Various Speakers
This C.E. three-day event offers an ambitious schedule of continuing education lectures in various dental disciplines.
9h CE FREE
Hosted by: AMD Lasers
REGISTER ON WWW.DTSTUDYCLUB.COM

30 MAR. 7 p.m. - 8 p.m.
ORAL CARE: TOPIC TBA
Dr. Fontinos Panagakos
Colgate-Palmolive will host this Webinar on oral care. For more detailed information, visit www.dtstudyclub.com.
1h CE FREE
Hosted by: Colgate-Palmolive
REGISTER ON WWW.DTSTUDYCLUB.COM

16 APRIL 9 a.m. - 1 p.m.
DENTAL TRIBUNE STUDY CLUB C.E. SYMPOSIA AT IDEM, SINGAPORE
Various Speakers
This C.E. four-day event offers an ambitious schedule of continuing education lectures in various dental disciplines.
12h CE FREE
Hosted by: AMD Lasers
REGISTER ON WWW.DTSTUDYCLUB.COM

26 APRIL 9 a.m. - 1 p.m.
RUSSIAN DTSC – C.E. FESTIVAL AT DENTAL SALON MOSCOW
Various Speakers
The Russian DTSC will be launched through four days of focused lectures in various areas of dentistry. Each day will feature a variety of presentations led by experts.
12h CE FREE
Hosted by: Sirona, AMD Lasers
REGISTER ON WWW.DTSTUDYCLUB.COM

07 MAY 9 a.m. - 1 p.m.
DENTAL TRIBUNE STUDY CLUB C.E. SYMPOSIA AT WID, AUSTRIA
Various Speakers
This C.E. four-day event offers an ambitious schedule of continuing education lectures in various dental disciplines.
16h CE FREE
REGISTER ON WWW.DTSTUDYCLUB.COM

03 JUNE 9 a.m. - 1 p.m.
THE ROOTS SUMMIT
Various Speakers
Please find the most current information under www.rootssummit2010.com. The Roots Summit 2010 proves to be another opportunity to demonstrate our high commitment and passion for dentistry.
8h CE FREE
REGISTER ON WWW.DTSTUDYCLUB.COM

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WWW.DTSTUDYCLUB.COM

Exposing the facts on CBCT exposure

There are many misconceptions about the radiation dosages of medical CT compared to CBCT scans, and about exposure of the differing CBCT machines available to dentists today.

Here's a quick and fun true/false test that sheds some light on this serious subject. See how well you do.

1. Compared to medical CT scans, CBCT scans offer reduced exposure to radiation.
2. The radiation exposure of a CBCT scan is significantly higher than a full-mouth intraoral X-ray series.

3. The 2-D pans from CBCT machines deliver higher levels of radiation exposure than those from a traditional 2-D pan machine.

4. The larger the CBCT's field of view (anatomical area scanned), the greater the radiation.

5. The potential of cone-beam scanners for collimating the primary X-ray beam — that is, to scale down the view to a smaller region of the anatomy — can create a reduction in radiation exposure.

6. Compared to medical CT scans, cone-beam radiography takes much more time to gain the radiographic 3-D data.



The answers

1. **False.** While medical CT scans can take up to 10 minutes to expose the anatomy once the patient is positioned, a CBCT scan can take as little as 8.9 seconds*.

2. **True.** Medical CT scans of the maxillofacial area can be as high as 2,100 microsieverts, whereas a CBCT scan of the same region can be as little as 31 microsieverts (8 cm by 14 cm, medium resolution from Genex GXCB-500*).

3. **The 2-D pans from CBCT machines deliver higher levels of radiation exposure than those from a traditional 2-D pan machine.**

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Television viewers experience Icon

Icon, the caries infiltrant system introduced by DMG America in September, made its television debut last year when it was featured on 10 Fox News segments and on Better-TV, a daytime nationally syndicated lifestyle show, in December.

Icon was also featured on "The Doctors," a nationally syndicated television show produced by Dr. Phil, in October.

Dr. Thomas P. Connelly, a cosmetic dentist who practices in New

York City, was interviewed in the segments about how quickly and painlessly the Icon system can be used to arrest dental caries and eliminate unattractive white spot — evident after wearing braces — with no drilling, anesthetic or loss of healthy tooth structure.

In the Fox News segment, a patient who said she tries to avoid drilling and needles as much as possible received Icon treatment to arrest an incipient carious lesion.

"With the Icon system ... we can prevent it from progressing, fill it without drilling and without anesthetic ... and prevent it from becoming a full blown cavity," Connelly explained. "What we're left with is a tooth-resin hybrid structure that is rebuilt, re-strengthened and resistant to decay."

For more information or to view full clips from the shows, visit the Drilling No Thanks! Web site at www.drilling-no-thanks.com.