



By **Brandon D. Martin, DDS, MS**  
and **Ash Vasanthan, DDS, MS**  
Associate Editors

## Cone Beam CT – The Greatest Addition to Dentistry in the 21st Century!

**C**one Beam Computed Tomography (CBCT) is one of the great technological advances in dentistry in the 21st century. A decade ago, this technology was mainly found at universities and operated by oral and maxillofacial radiologists (OMFR). Due to many potential advantages over traditional 2-D imaging, CBCT has expanded to find its use in all dental specialties from oral and maxillofacial surgery to orthodontics, periodontics, endodontics and even pediatric dentistry.

This issue of *The Nugget* presents articles that help us explore the evolving technology, recognize the benefits and reflect on some of the inherent risks and limitations of CBCT.

One author argues whether CBCT should be the standard of care, while another discusses the advantages and disadvantages of its everyday use in orthodontics.

CBCT has added great value and brought about interesting discussions in the dental

community. Dentists and specialists are recommending its use to a greater extent on an everyday basis. Increased demand has been driven by enhanced patient awareness and interest in the dental community to offer the latest and greatest to their patients.

“Like all great things in life, it has its share of concerns. For the professional, it is the cost. For the patient, it is the radiation.”

Like all great things in life, it has its share of concerns. For the professional, it is the cost. For the patient, it is the radiation.

We have our very own OMFR in town who answers common questions with a Q and A. Additionally, we have an article that responds

to a Consumer Reports piece on the dangers of CT scans and helps the dental team prepare to address questions and concerns from patients.

We believe that CBCT has the potential to improve our diagnosis, enhance the treatment we render, and ultimately benefit our patients. This piece of technology is here to stay and will take dentistry to greater heights! ■

*Brandon D. Martin, DDS, MS, is a UCSF graduate who received his certificate in orthodontics and master's degree from the University of Maryland. He is an active member of the AAO and practices at Alexander & Martin Orthodontics with locations in Rocklin, Roseville, and Sacramento.*

*Ash Vasanthan, DDS, MS, is a Board Certified periodontist practicing in Roseville. He is a visiting assistant professor at the University of Missouri Kansas City Department of Periodontics.*



Feed the Dog!  
Guarding your ID

8505 Madison Ave. #160  
Fair Oaks, CA 95628  
Ph 916-966-9828  
RedDog.FairOaks@gmail.com

7700 Folsom-Auburn Rd. #135  
Folsom, CA 95630  
Ph 916-990-9828  
RedDog.Folsom@gmail.com

KIM A. ROHR  
Cell 916-671-0736  
RedDog.Kimbo@gmail.com

Paper Shredding • Mobile Truck Shredding • Monthly Pick Up

HOURS:  
Monday – Friday 9:30 – 5:30  
Saturday 9:00 – 4:00

www.RedDogShredz.com • Facebook: Red Dog Shredz