

The Requirement for a CBCT Report

Structuring a Solution

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Why?

1. Dentists must look at all of the scan data
2. Dentists must "re-tool" (anatomy especially)
3. Medico-legal requirement for "records" (chart notes, report, etc...)
4. Reportable/referable findings
5. Risk and liability reduction
6. Appropriate referral to physicians and specialists

"Diagnostic Responsibility"

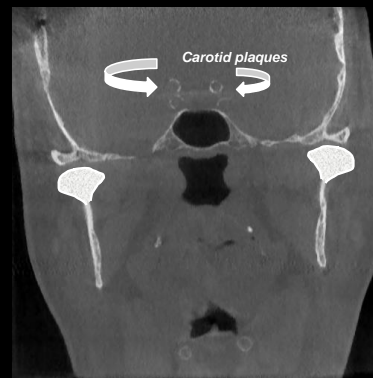
Radiographs and the Responsible Dentist

1989

Areas that must be examined if captured

1. Paranasal sinuses
2. Nasal cavity
3. Airway
4. Cervical structures
5. Temporomandibular joints
6. Dental findings
7. Other findings

A Failing Implant Won't Kill You,
But a Carotid Plaque May!



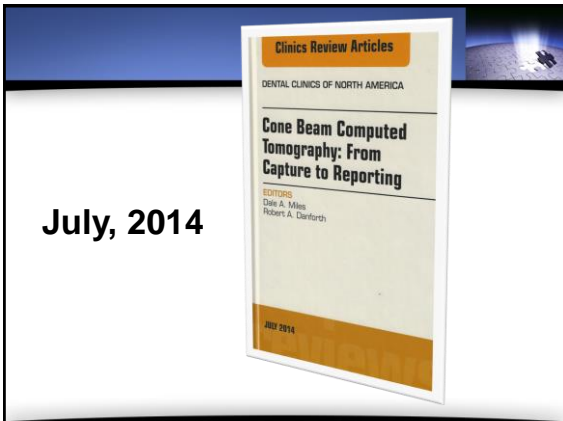
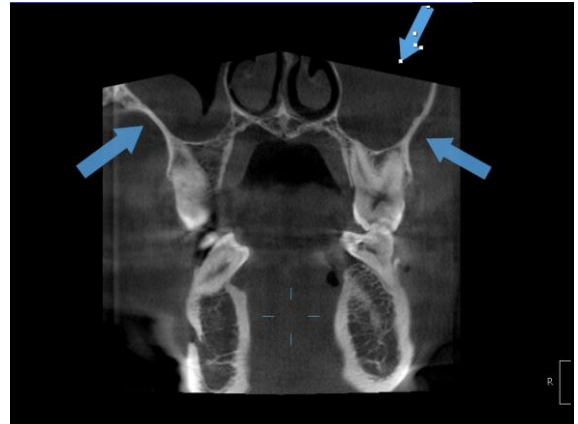
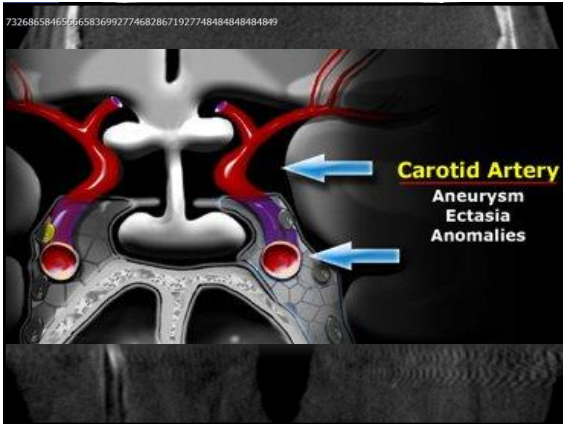


Table 1 - Reasons and Referral from findings in CBCT scans

Finding/clinical impression	Possible Referral
Pan-sinusitis	Primary care provider and/or otolaryngologist
Mucocoele	Primary care provider and/or otolaryngologist
A-O (antro-oral) defect	Oral maxillofacial surgeon
Deviated septum and/or hypertrophic turbinate	Otolaryngologist
Mastoiditis/cloudy mastoid air cells	Otolaryngologist
Enlarged tonsils and adenoids	Primary care provider and/or otolaryngologist
Narrowed airway	OSA specialist
Cervical spine changes	Primary care provider and/or an orthopedic specialist
Loose bodies, TMJ	TMJ specialist or oral and maxillofacial surgeon
Tonsilloliths	Otolaryngologist
Carotid plaques (cervical)	Primary care provider
Medial arterial calcification (bilateral, circumferential- cervical and/or parasellar)	Primary care provider
Pineal gland calcification (over 1cm.)	Primary care provider

Narrative Vs. Structured Report?

1. Dentists are not real good at "records"
2. Many dentists do not know what they are seeing their scans
3. Dentists like "cookbooks"
4. Dentists want it "simple"

Narrative Vs. Structured Report?

Even medical radiologists have this debate

Howl-Whitney, LJ; Radiology Reports: Are Structured Systems the Answer?, RSNNA 2013: Diagnostic Imaging, practice management, 2013.

Wilcox, JR; The written radiology report. Applied radiology, July 2006; 33-37.

