

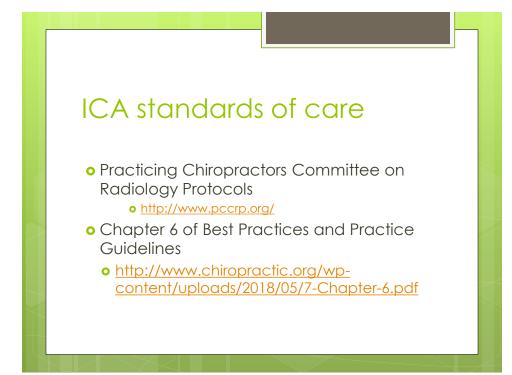


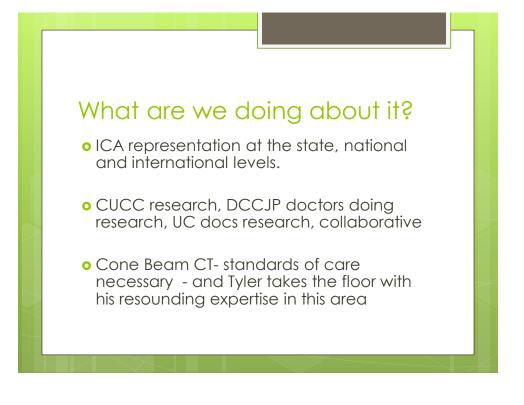
Choosing Wisely

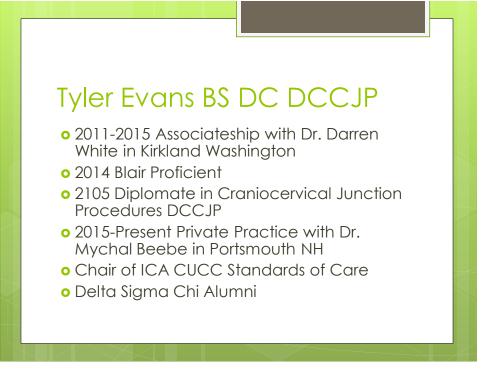
- The American Chiropractic Association has partnered with this campaign..
- Choosing Wisely is an initiative of the ABIM Foundation that seeks to advance a national dialogue (between providers and patients) on avoiding unnecessary medical tests, treatments and procedures. (we all agree!)
- <u>http://www.choosingwisely.org/patient-</u> resources/imaging-tests-for-back-pain/

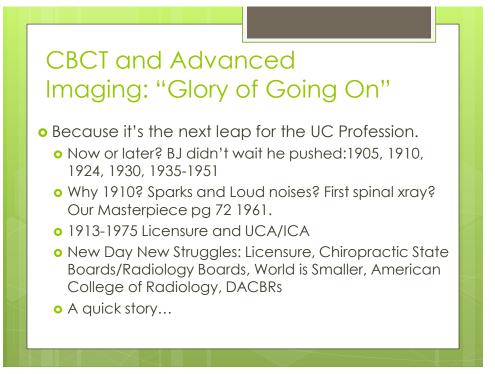


- Recommendations from the ACA
- <u>http://www.choosingwisely.org/clinician-lists/#keyword=Chiropractic</u>
- <u>http://www.choosingwisely.org/societies/</u> <u>american-chiropractic-association/</u>

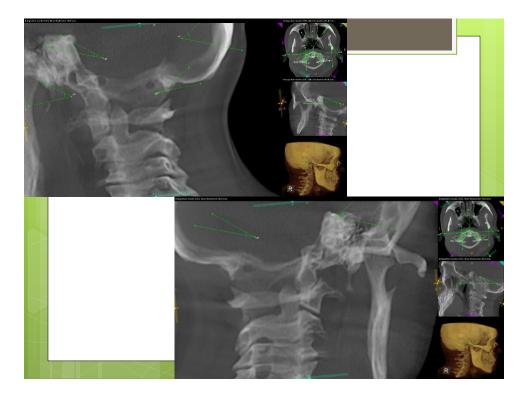


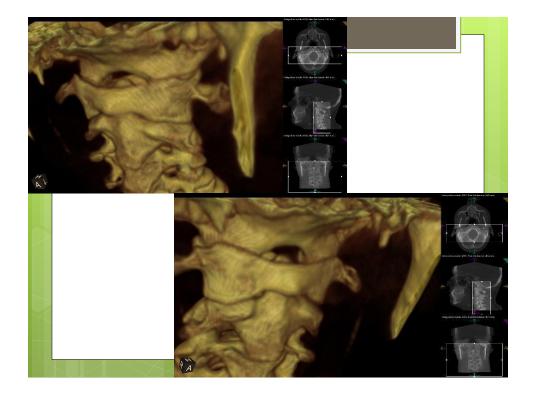


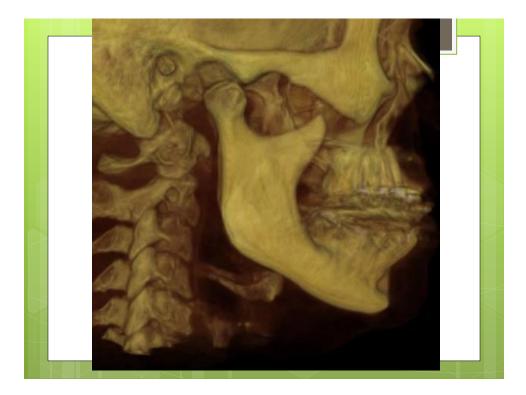


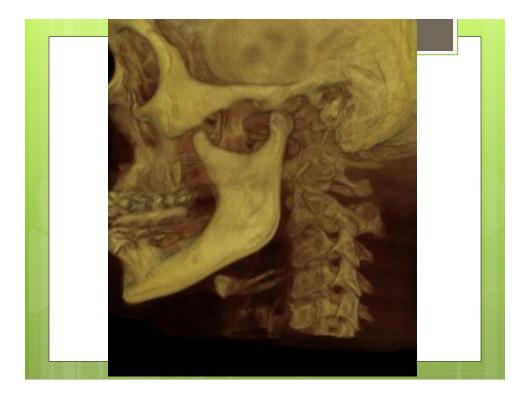


| Dose | |
|---|-------------|
| • What's a Sievert? | |
| <u>1 Sievert = 5% increased risk of developing cancer in lifet</u> | i <u>me</u> |
| • 10 Sv fatal within weeks | |
| • 6 sv typical dosage recorded in Chernobyl workers who within a month (50 out of 300,000 in the fall out zone) | died |
| • 5 sv single dose which would kill half of those exposed to within a month | it |
| 1 sv single dose which would cause radiation sickness na but not death | usea |
| .6 sv maximum radiation levels recorded at the fukishima plant on 3.16.11/per hour | |
| • .35 sv exposure of Chernobyl residents who were relocate | ed |
| Isv Lowest level linked to increased cancer risk (100 ms) | /) |
| .01 sv Full Body CT scan (10 msv) | |
| .0024 Sv average natural annual background dose (2.4m) | ıs∨) |
| .001 Sv Head and neck CT (1-2 msv) | |
| • .00010002 Sv Blair Upper Cervical X ray series 9 (100-200 | |
| microsv) | |
| • .000050003 Sv CBCT Large FOV (50-300 microsv) | |
| • .00001 Sv Average daily background dose (10microsv) | |
| | |

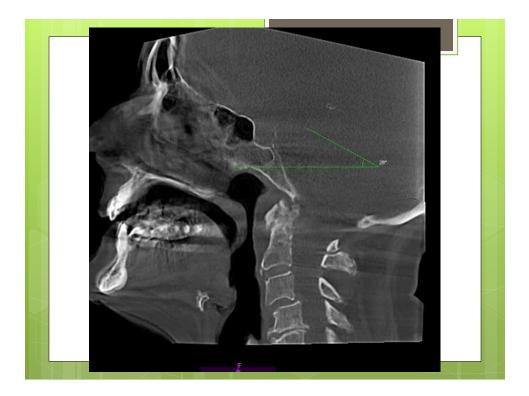


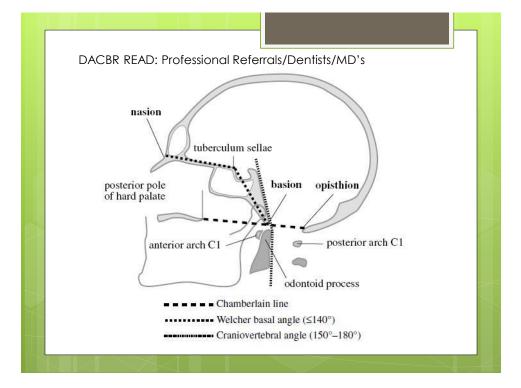












Utilization

- How many Offices currently Utilize CBCT?
- How many refer out?
- How many have it in house?

Hurdles

- FDA Approval: Oral Maxillofacial and adjacent structures.
- Advanced Imaging Education/Certification: Palmer, LCCW, Sherman
- Chiropractic Schools: Funding and Awareness
- State Boards: Awareness
- DACBR's
- Guidelines

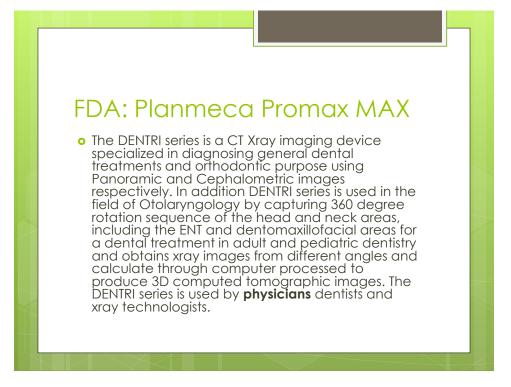
Liability

- Are You Reading Every Single Voxel...
- Who's got your back?
- DACBR's (Diplomate American Chiropractic Board of Radiology)
 - Cliff Tao, Alisha Russ, Matthew Richardson
- Wyoming and North Dakota outside reads
- All others 50/50 verbal agreements no solid legislation (CYA)



FDA: i-CAT FLX

 Devices of the iCAT family consist of an xray system that uses a cone beam with a rotational sequence providing two dimensional images and three dimensional volume reconstructions of the head area, which includes <u>ENT</u> and maxillofacial areas (such as TM joint studies mandible and maxilla for implant planning, sinuses, airway) for use in planning and diagnostic support in adult and pediatric care.



FDA: Planmeca Promax MID

• The performance testing for ENT imaging applications was carried out taking clinical images for nose sinuses airways middle ear temporal bone and **vertebrae**. The images were reviewed by a specialist and were deemed to be of clinically usable diagnostic quality.

STATE Boards

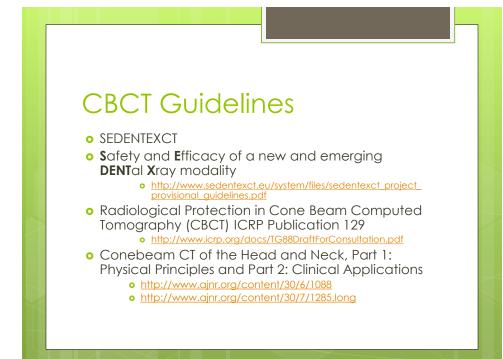
- Awareness/Ignorance
- <u>Run faster alone</u>; but further together (chiros tend to run alone) lets run together
- Ohio Board Approval-verbal/written
- South Dakota and New York are NO's
- Who do you know on State Boards?
- Radiology Boards are a little more lenient.

RESEARCH

- We have <u>O</u> Pubmed Research on CBCT and the Upper Cervical Spine.
- To get in Pubmed come from the diagnostic angle then the Subluxation angle.

ICA Council Upper Cervical Care

- Education/Advanced Certification and Upper Cervical Organizations (BLAIR, NUCCA, AdvO, Orthospinology) (CUCC)
- Upper Cervical Standards of Care Document (Dan Judge, Ian Bulow and Myself)
- Funnel funding for a machine to go into Chiropractic College
- Guidelines for CBCT
- Special Committees on Advanced Imaging and CBCT





What can you do?

- Back the Blair Society/Pay your dues.
- Back the Council on Upper Cervical Care/ Pay your dues.
- Refer out to a dentist on tough cases.
- Get informed/Read guidelines/Read the research.
- DO NOT go to State Boards asking if you can bring in CBCT by yourself.