



**TEXAS RADIATION ADVISORY BOARD MINUTES
MEDICAL COMMITTEE**

AUSTIN-Health and Human Services Commission, MHMR Center
Conference Room 240
909 W. 45th St. Austin, 78751
Friday, June 1, 2012
9:00 AM

1. Call to Order

Darlene Metter, M.D., Chair, called the meeting to order at 9:04 a.m. A quorum was present. Members present: Melanie Marshall, D.D.S.; Mark Pittman, J.D.; Bill Campbell; David Nichols, M.D.; Mark Silberman, M.D.; and Robert Emery, Dr.P.H. Members absent: Nora Janjan, M.D., M.B.A., MPSA and Ian Hamilton, Ph.D.

2. Introduction of guests

Department of State Health Services (DSHS) staff present: Barbara Taylor, Jo Turkette, Darice Bailey, Chris Myers, Lisa Bruedigan, Jerry Cogburn, Lisa Nieman, and Helen Watkins.

3. Adoption of the minutes of the November 04, 2011 meeting.

Dr. Emery made a motion to approve the minutes. Mr. Pittman seconded the motion and the committee unanimously approved the minutes.

4. Old Business

A. Pediatric dentistry use of 3D cone beam CT imaging: Briefing on the current status of these devices in pediatric dentistry:

a. Document with best estimate on the current number of these devices

Ms. Taylor prepared a report that included registration information, inspection information, and different manufacturer technical specifications.

b. Vender summary of current reported manufacture dose limits

Ms. Taylor prepared a report that included registration information, inspection information, and different manufacturer technical specifications.

c. Current literature review on 3D cone beam

Dr. Emery provided a summary of radiation doses from various dental imaging modalities with the associated journal citations. Dr. Emery also provided a table of absorbed dose to various tissues from different dental imaging modalities.

B. Update on the potential eye/lens dose limit changes for cataract formation

Dr. Emery discussed the current eye dose limits and the proposed changes. Dr. Emery discussed the use of lead glasses to reduce dose to the eye.

5. New Business

A. Recent report of Dental X-rays and Risk of Meningioma

Dr. Metter and Dr. Emery discussed the flaws of a recent report linking dental x-rays with the risk of Meningioma.

B. Updates on:

i. NRC expanded rulemaking will soon occur to update, correct and clarify the medical regulations in 10 CFR Part 35

Ms. Bailey briefed the committee on upcoming NRC rulemaking.

ii. Institute of Medicine/National Academy of Science meeting (12/2011) on “Tracking Radiation Exposure from Medical Diagnostic Procedures”; report to be published in Spring 2012.

Dr. Metter discussed the progress of this report.

6. Public Comments

None

7. Formulate recommendations on any agenda items to be considered by the full Board

The committee discussed writing an advisory statement on the use of Cone Beam Computed Tomography as related to dental imaging. Dr. Emery read a draft statement.

8. Adjourn

Dr. Metter adjourned the meeting at 10:00 a.m.