H-55 Task Force on Digital Imaging

November 2024

Chairperson: Joann Harthcock (TX) 06/16 Email: joann.harthcock@dshs.state.tx.us

Task Force with a finite life (Exempt from rotation)

Members		Advisors
Mary Ann Spohrer (IL) 06/16 Rikki Waller (ID) 06/16/16 Jeremy Tristan (TX) 11/24*		Gary Guebert (AfflMO) 06/16 Sue McClanahan (Emeritus – MN) 06/16 Robert Tokarz (Affil. – NJ) 06/16 Mary Ellen Jafari (Affil. – WI) 06/16 Richard Montemarano (WA) 06/16 Kyle Jones (Affil TX) 06/16 Jessica Clements (Affil. – CA) 06/16 Mike Leal (AffilMA) 06/16 Virginia Mergo (PA) 06/16 Diane Halaycio (NJ) 09/16 Bethany Piper (PA) 09/16
Resource Individuals		
ASRT	Terri Fauber	
Notes and Comments		
* Jeremy Tristan added as a Member.		
NOTE: If difficulty in getting resource persons, contact the following Federal Liaisons		
to the Board of Directors for assistance.		
CDRH		(301) 796-3299
EPA	Stefanie Bacon	(202) 343-9063
NRC	Kevin Williams	(301) 415-3340

11/22/2024 mc

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Objectives:

The technology of digital imaging creates an image based on a post processing algorithm that essentially hides the ability of the user to see errors with technical factors. As a result, several undesirable outcomes have become prevalent in Texas.

- 1. Increased entrance skin exposure (ESE) overall and an increase in ESE violations with the greatest root cause being a lack of understanding by technologists and operating physicians regarding the relationship between exposure factors, dose, and digital imaging.
- 2. Lack of understanding in how positioning effects Digital Imaging Software processing.
- 3. Lack of understanding of digital imaging QA/QC and the repercussions of not following a quality QA/QC program.

Note: As there is current federal legislation to mandate digital imaging usage or reimbursement will be reduced, this problem will continue to grow.

Charges:*

- Work with digital imaging manufacturers and providers to institute a minimum standardized QA/QC protocol. To be completed by January 1, 2017.
- 2. Develop guidance and training for state inspectors to use when inspecting facilities including digital imaging QA/QC. To be completed by **December 31**, **2017**.
- 3. Propose suggested state regulations that focus on digital imaging QA/QC and digital imaging acquisitions maintenance by **December 31, 2017.**
- 4. Work with appropriate organizations to develop curriculum that focuses on the use of technique in digital imaging, the digital imaging acquisition system and digital imaging QA/QC by January 1, 2017.

Note: When a Letter/Number combination appear in brackets after a charge, it denotes how the charge links to CRCPD's Goals and Objectives, as listed in <u>CRCPD's Strategic Plan</u>.

If interested in serving on this working group, contact the Chairperson at joann.harthcock@dshs.state.tx.us