**DICOM resolution update**

**From:** Aravamudhan, Krishna <aravamudhank@ada.org>
**Sent:** Wednesday, October 16, 2024 4:26 PM
**To:** Morrison, Scott L. <morrisons@ada.org>
**Cc:** Alberti, Hana <albertih@ada.org>
**Subject:** DICOM resolution update

Hi Dr. Morrison:

Please see the update on DICOM. Let us know if you have further questions.

The Proposed ADA Standard No. 1114*Implementation Requirements for the Effective Use of DICOM in Dentistry*is being finalized with participating members from various specialties, including oral and maxillofacial radiologist, surgeons, orthodontists, and other dental specialists. In addition to experts from manufacturing and industry, other experts representing IT and software developers, identified this standard as pivotal to closing the gap in the current DICOM related standards to achieve the request of this resolution with the needed elements to allow for exchange of appropriate data without proprietary restrictions*.*This standard will provide dental requirements for DICOM conformance to achieve interoperability through networking infrastructure, storage and archiving, data security and privacy, and integration among systems. This Standard aims to resolve the issue of the inability to view and share cone beam computed tomography (CBCT) data in dental practice settings.

However, with this new standard (as well as others that already exist) there is a need to raise overall awareness of challenges in Interoperability and Health Information Exchange in Dentistry. To introduce this issue, a March 13 webinar titled “Federal Regulatory Panel on Dental Interoperability and Data Exchange” was conducted with panelists from federal agencies and a response webinar titled “Dental Interoperability and Data Exchange, included panelists from industry, academia, and practice.

In addition, DICOM and Image Exchange were included in the ADA response to HTI-1 and HTI-2 and the Federal HIT Strategic Plan.

<https://adanews.ada.org/ada-news/2024/october/ada-comments-on-proposed-rule-to-further-advance-interoperability/>

<https://adanews.ada.org/ada-news/2024/may/ada-advocates-for-dentists-in-federal-health-it-strategic-plan/>

As part of its ongoing efforts to implement these standards, the ADA is exploring opportunities with industry stakeholders to implement DICOM standards in dental imaging data exchange.

**Krishna Aravamudhan, B.D.S., M.S.,**  aravamudhank@ada.org
Senior Vice President, Practice Institute
ADA Practice Institute
312.440.2772