

Retirement of Radiation Dose Module from Modality Performed Procedure Step Supplement 201

DICOM Working Group 6

Public Comment

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- Radiation Dose Structured Report (RDSR) is the preferred mechanism for exchanging radiation dose exposure information
- RDSR introduced for XA in Sup 94 in 2005 and CT in Sup 127 in 2007
- RDSR used (exclusively) in IHE REM Profile
- Scanners required (in US) to generate RDSR for full reimbursement

- MPPS still contains Radiation Dose Module
- Not a persistent object (transient message)
- Contains a few standard optional attributes describing dose indices
- Various extended by vendors with extra stuff
- No structure or reference to irradiation events
- MPPS not widely deployed in infrastructure anyway (despite IHE SWF), for dose or anything else
- Continuing documentation confuses implementers, users and policy makers, e.g. see this draft ICRP document and the various comments

<http://www.icrp.org/page.asp?id=256>

- Only means no longer documented or maintained
- Does not invalidate existing implementations (senders or receivers)
- Does make clear the preferred direction of the standard
- Attributes flagged as retired in data dictionary
- Optional Attributes/Modules removed from IOD and SOP Class documentation
- Notes are left behind to point to last release in which retired Attributes/Modules were documented