

# **DICOM**

## **Second Generation Radiotherapy**

### **Supplement 199**

### **RT Radiation Records**

**Following the introduction of four RT Radiation IODs in Supplements 175 and 176 that are used to define a radiotherapeutic “treatment plan” by providing device-specific treatment parameters, this Supplement provides the capability to record the treatments performed on the devices by introducing RT Radiation Record IODs along an RT Radiation Record Set. In addition, a RT Radiation Salvage Record is also added in cases where the device-specific recording failed or is not available. The RT Radiation Record IODs primarily re-use the macros and modules defined for the RT Radiation IODs.**

**RT Radiation Record IODs for recording modality-specific treatments:**

- **C-Arm Photon-Electron Radiation Record IOD**
- **Tomotherapeutic Radiation Record IOD**
- **Robotic Radiation Record IOD**

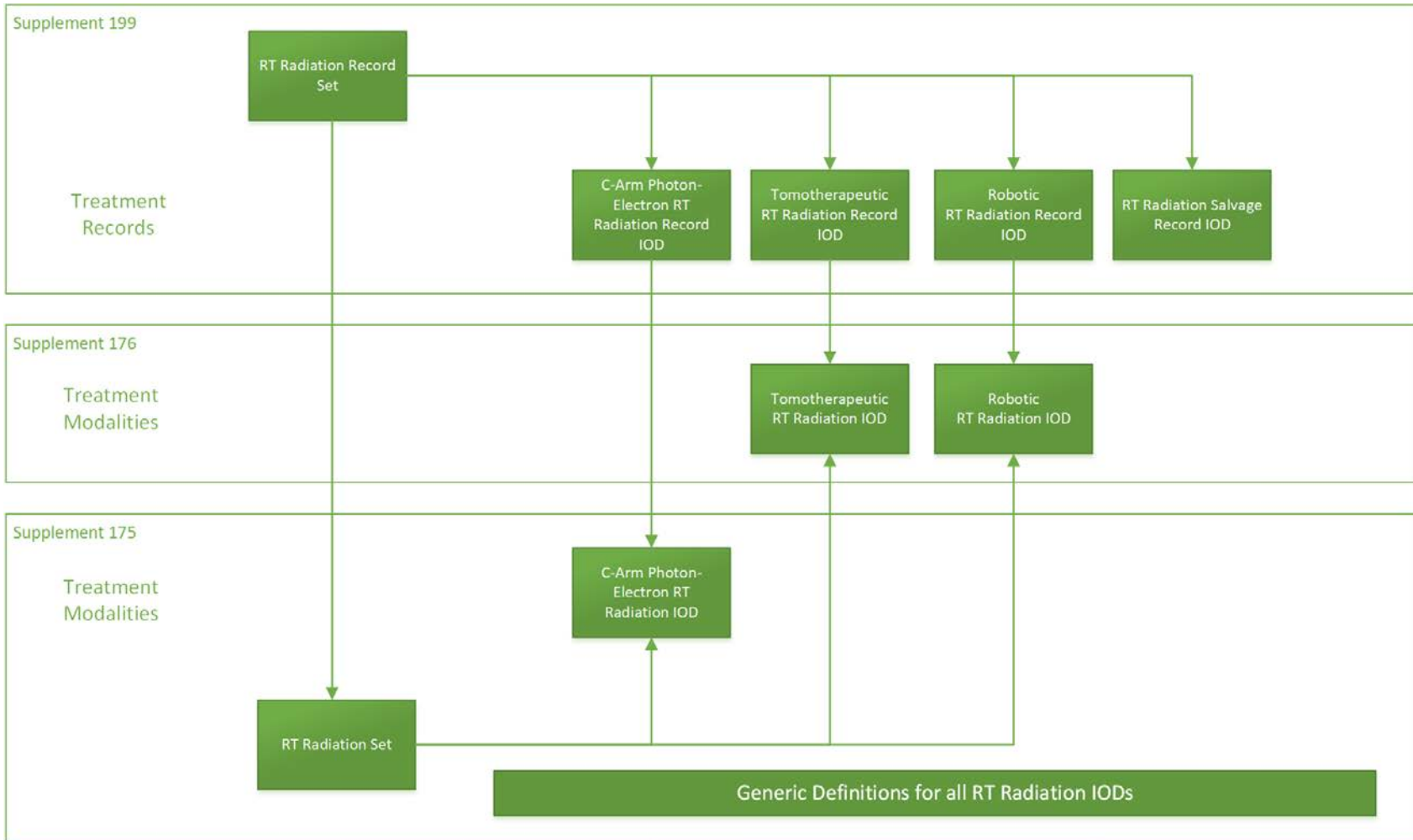
**An RT Radiation Record for manual recording:**

- **RT Radiation Salvage Record IOD**

**A Record Set IOD for recording the partial/complete delivery of a Treatment Fraction**

- **RT Radiation Record Set IOD**

# 2<sup>nd</sup> Gen Overview



# 2<sup>nd</sup> Gen Radiation IODs

**For details regarding the underlying RT Radiation concepts and description of the treatment modalities please review the presentations for Supplement 175 and 176.**

# Contacts



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