DICOM Correction Proposal

**STATUS**  Letter Ballot

**Date of Last Update**  2016/11/09

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**Submission Date**  2016/06/01

**Correction Number**  CP- 1641

**Log Summary:**  ParticipantObjectContainsStudy shall not be mandatory in DICOM audit message

**Name of Standard**  PS 3.15 2016c

**Rationale for Correction:**
The RELAX NG schema defines element ParticipantObjectContainsStudy as mandatory, but according to the standard text it shall only be used if the ParticipantObjectIDTypeCode is not (110180, DCM, "Study Instance UID")

**Correction Wording:**

Modify PS 3.15 to correct the RELAX NG schema

A.5.1 DICOM Audit Message Schema

```xml
# Participant Object Description, used later

DICOMObjectDescriptionContents =
  element MPPS {
    attribute UID { token }       # OID pattern="[0-2]((\.)|([1-9][0-9]*))*"
  }*,
  element Accession {
    attribute Number { token }
  }*,
  element SOPClass {
    attribute Number { token }     # SOP class for one study
    element Instance {
      attribute UID { token }       # OID pattern="[0-2]((\.)|([1-9][0-9]*))*"
    }*,
    attribute UID { token }?,    # OID pattern="[0-2]((\.)|([1-9][0-9]*))*"
    attribute NumberOfInstances { xsd:integer }
  }*,
  element ParticipantObjectContainsStudy {
    element StudyIDs {
      attribute UID { token }
    }*
  }?,
  element Encrypted { xsd:boolean }?,
  element Anonymized { xsd:boolean }?
```