1	Status	Final Text
2	Date of Last Update	2018/06/05
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	David Clunie
6		mailto:dclunie@dclunie.com
7	Submission Date	2017/11/07

8	Correction Number CP-1760
9	Log Summary: Add flag to distinguish studies imported from outside
10	Name of Standard
11	PS3.3, 3.6, 3.15 2018b
12	Rationale for Correction:
13	Studies that have been imported rather than acquired locally may need special handling.
14 15	A persistent flag in the composite objects is needed to provide a record of this status, rather than depending on an out-of-band record in some associated database that may not be communicated to other devices such as long term archives or life cycle managers.
16 17	The flag is added at the Instance rather than Study level, since there may be local instances (e.g., reports, annotations) added to the Study after import.
18 19	The existing SOP Instance Status attribute cannot be reused, since it it's enumerated values are specific to the Japanese ISAC use case.
20 21	The Contributing Equipment Sequence contents are not sufficient, since though they may describe the import and identifier coercion process, they are not specific to the import use case.
22	Correction Wording:

1   *Amend DICOM PS3.3 as follows (changes to existing text are bold and **__underlined__** for additions and ~~**struckthrough**~~ for removals):*

C.12.1 SOP Common Module

3   **Table C.12-1. SOP Common Module Attributes**

Attribute Name	Tag	Type	Attribute Description
...	...	...	...

Attribute Name	Tag	Type	Attribute Description
Instance Origin Status	**(0400,0600)**	**3**	**Categorizes the locality of the entity from whence the instance originated.** **Enumerated Values:** **LOCAL Acquired or created in the local entity.** **IMPORTED Imported from an external entity.** **Note** 1. **The interpretation of the meaning of local and imported are user-specific. The purpose of this Attribute is to provide a means of communicating a user-specific decision, not to attempt to achieve uniformity with respect to any particular organizational or geographical boundary around any particular organizational or geographical entity, be it an entity that is a device, system, facility, office, department, site, enterprise, region, nation, etc.** 2. **A typical pattern would be for an archive to set a value of LOCAL when receiving instances on the network from a modality within the hospital but to set a value of IMPORTED when receiving instances from an interchange media reader or an external network instance sharing gateway. Displaying the value of this Attribute in a viewer then makes it apparent to a user whether or not an instance is "one of their own". How a receiver determines whether or not the sender is local is not specified, but could, for example, be determined from the sender's AE Title.** 3. **When instances are transported from one entity to another and then imported, it is expected that this Attribute be set to an appropriate value for the new context, overwriting any previous value. E.g., a value of LOCAL used within an archive at the site where the instances were acquired would be coerced to a value of IMPORTED when those instances were received by another site to which the patient had been transferred. Whether or not previous values of this Attribute are copied into Original Attributes Sequence (0400,0561) after coercion is not specified.** 4. **It is not expected (but nor is it prohibited) that this Attribute will be removed by an exporting entity, since it may be useful to a recipient to know whether or not the instance was local to the previous entity or not. Similarly, a modality may populate this Attribute with a value of LOCAL after creating the images, but is not required to.** 5. **The round-trip case, e.g., when an image is acquired locally, exported, locally deleted and then re-imported may be challenging unless a local record is maintained. I.e., after acquisition, in the local archive it would be expected to be LOCAL. After re-importation without any local state, it may be hard to determine that it once was LOCAL. Other Attributes such as Institution Name may not be sufficient to reliably detect this.** 6. **A new SOP Instance UID (0008,0018) is not required when adding or coercing this Attribute, since a derived instance is not being created. See C.12.4.1.1 Derivation Description and PS3.4 Section B.4.1.3 Coercion of Attributes.** 7. **A more detailed history of the handling of an instance may be recorded in Contributing Equipment Sequence (0018,A001).** 8. **This Attribute may need to be removed during de-identification. See PS3.15 Annex E.**

*Amend DICOM PS3.6 as follows (changes to existing text are bold and **underlined** for additions and ~~struckthrough~~ for removals):*

6 Registry of DICOM Data Elements

Table 6-1. Registry of DICOM Data Elements

Tag	Name	Keyword	VR	VM	
(0400,0600)	**Instance Origin Status**	**InstanceOriginStatus**	**CS**	**1**	

*Amend DICOM PS3.15 as follows (changes to existing text are bold and **underlined** for additions and ~~struckthrough~~ for removals):*

E.1.1 De-identifier

...

Table E.1-1. Application Level Confidentiality Profile Attributes

Attribute Name	Tag	Retd. (from ????)	In Std. Comp. IOD (from ????)	Basic Prof.	Rtn. Safe Priv. Opt.	Rtn. UIDs Opt.	Rtn. Dev. Id. Opt.	Rtn. Inst. Id. Opt.	Rtn. Pat. Chars. Opt.	Rtn. Long. Full Dates Opt.	Rtn. Long. Modif. Dates Opt.	Clean Desc. Opt.	Clean Struct. Cont. Opt.	Clean Graph. Opt.
Instance Origin Status	**(0400,0600)**	**N**	**Y**	**X**										