

DICOM Correction Item

Correction Number		CP-715
Log Summary: Add Service Episode ID		
Type of Modification	Name of Standard	
Addition	PS 3.3, 3.4, 3.6 2007	
<p>Rationale for Correction:</p> <p>There is a use case in OB/GYN for managing the Service Episode ID (in this case, a pregnancy identifier) as part of the metadata. A similar use case in Radiation Therapy requires a Service Episode ID to identify a treatment regimen that may extend over a period of a month or more with multiple visits. The Service Episode is defined in the DICOM Information Model, but previously no attributes were specified for it.</p> <p>This change clarifies the definition of Service Episode, and defines attributes for the Service Episode and adds them to appropriate modules.</p>		
<p>Sections of documents affected</p> <p>PS 3.3 Sections 7.3.1.2, C.3.2, C.4.13, C.4.20 and C.7.2.2.</p> <p>PS 3.4 Sections F.7.2.1.1, F.8.2.1.1, F.11.2.1.1 and F.11.2.3.1</p> <p>PS 3.6 Section 6</p>		
Correction Wording:		

Change definition in Part 3 Section 7.3.1.2

7.3.1.2 SERVICE EPISODE AND VISIT

A Service Episode is a collection of events, aggregated during an interval bounded by start and stop times ~~(e.g. an outpatient visit or a hospitalization). The definition of the start time, stop time, and included events of a Service Episode is entirely arbitrary.~~ A Service Episode is the context in which the treatment or management of an arbitrary subset of a Patient's medical conditions occurs. **The definition of the start time, stop time, and included events of a Service Episode is entirely arbitrary; it may include a single outpatient visit or a hospitalization, or extend over significant period of time, e.g., the duration of a pregnancy, or an oncology treatment regimen, or a cardiac episode from infarction through rehabilitation.** ~~In the context of imaging services,~~ A Service Episode may involve one or more Healthcare Organizations (administrative entities that authorize Healthcare Providers to provide services within their legal administrative domain, e.g. hospitals, private physician's offices, multispecialty clinics, nursing homes). ~~A Service Episode identifies the Certified Health Care Providers who have been delegated responsibility by one or more Healthcare Organizations to provide healthcare services to the Patient. One or more Certified Healthcare Providers (Organizations or individual persons, e.g. physician group practices, individual physicians, technologists, nurses) may be accountable for the healthcare services provided in a Service Episode. The Certified Health Care Providers are accountable to one or more Healthcare Organizations and to the Patient for the outcomes of the services provided.~~

A subset of Service Episode, the Visit, is the collection of events that fall under the accountability of a particular Healthcare Organization in a single facility. A Visit may be associated with one or more physical locations (e.g. different rooms, departments, or buildings) within the Healthcare Organization's definition of a facility. ~~In addition to identification of Certified Health Care Providers, it also specifies Healthcare~~

Organization, Patient's location(s), with admission and discharge diagnoses, and **with** time boundaries of the visit.

- Notes:
1. The Visit is a part of the Service Episode. The Service Episode describes several administrative aspects of healthcare, while the Visit is limited to the description of one visit of a Patient to a facility.
 2. In the context of the Modality Worklist SOP Class, ~~only the Visit is of relevance~~, the attributes of the Service Episode are ~~not~~ defined in the Visit modules.
 3. The attributes for Visit often use the term "admission" for historical reasons, although a visit in an ambulatory clinic does not involve an admission as an in-patient.

Add Service Episode ID to Part 3 Annex C.3.2

**Table C.3-2
VISIT IDENTIFICATION MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...		
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>Identifier of the Service Episode as assigned by the healthcare provider</u>
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>Name of healthcare provider that issued the Service Episode ID</u>
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>Description of the type of service edpisode.</u>

Add Service Episode ID to Part 3 Annex C.4.13

**Table C.4-13
PERFORMED PROCEDURE STEP RELATIONSHIP MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...		
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>Identifier of the Service Episode as assigned by the healthcare provider</u>
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>Name of healthcare provider that issued the Service Episode ID</u>
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>Description of the type of service edpisode.</u>

Add Service Episode ID to Part 3 Annex C.4.20

**Table C.4.20-1
GENERAL PURPOSE PERFORMED PROCEDURE STEP RELATIONSHIP MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
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...		
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>Identifier of the Service Episode as assigned by the healthcare provider</u>
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>Name of healthcare provider that issued the Service Episode ID</u>
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>Description of the type of service edpisode.</u>

Add Service Episode ID to Part 3 Annex C.7.2.2

**Table C.7-4a
PATIENT STUDY MODULE ATTRIBUTES**

Attribute Name	Tag	Type	Attribute Description
...			
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>3</u>	<u>Identifier of the Service Episode as assigned by the healthcare provider</u>
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>3</u>	<u>Name of healthcare provider that issued the Service Episode ID</u>
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>3</u>	<u>Description of the type of service edpisode.</u>

Add Service Episode ID to Part 4 Annex F.7.2.1.1

**Table F.7.2-1
MODALITY PERFORMED PROCEDURE STEP SOP CLASS N-CREATE, N-SET AND FINAL STATE ATTRIBUTES**

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Requirement Type Final State (See Note 1)
...				
Performed Procedure Step Relationship				
...				
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>3/3</u>	<u>3/3</u>	
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>3/3</u>	<u>3/3</u>	
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>3/3</u>	<u>3/3</u>	
...				

Add Service Episode ID to Part 4 Annex F.8.2.1.1

**Table F.8.2-1
MODALITY PERFORMED PROCEDURE STEP RETRIEVE SOP CLASS N-GET ATTRIBUTES**

Attribute Name	Tag	Requirement Type (SCU/SCP)
...		
Performed Procedure Step Relationship		
...		
Service Episode ID	(0038,xxx0)	3/3
Issuer of Service Episode ID	(0038,xxx1)	3/3
Service Episode Description	(0038,xxx2)	3/3
...		

Add Service Episode ID to Part 4 Annex F.11.2.1.1

**Table F.11.2-1
GENERAL PURPOSE PERFORMED PROCEDURE STEP SOP CLASS N-CREATE, N-SET
AND FINAL STATE ATTRIBUTES**

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Requirement Type Final State (See Note 1)
...				
General Purpose Performed Procedure Step Relationship				
...				
Service Episode ID	(0038,xxx0)	3/3	3/3	
Issuer of Service Episode ID	(0038,xxx1)	3/3	3/3	
Service Episode Description	(0038,xxx2)	3/3	3/3	
...				

Add Service Episode ID to Part 4 Annex F.11.2.3.1

**Table F.11.2-3
GENERAL PURPOSE PERFORMED PROCEDURE STEP SOP CLASS N-GET ATTRIBUTES**

Attribute Name	Tag	Requirement Type (SCU/SCP)
...		

General Purpose Performed Procedure Step Relationship		
...		
<u>Service Episode ID</u>	<u>(0038,xxx0)</u>	<u>-/3</u>
<u>Issuer of Service Episode ID</u>	<u>(0038,xxx1)</u>	<u>-/3</u>
<u>Service Episode Description</u>	<u>(0038,xxx2)</u>	<u>-/3</u>
...		

Add Service Episode ID to Part 6 Section 6

Tag	Name	VR	VM
...			
<u>(0038,xxx0)</u>	<u>Service Episode ID</u>	<u>LO</u>	<u>1</u>
<u>(0038,xxx1)</u>	<u>Issuer of Service Episode ID</u>	<u>LO</u>	<u>1</u>
<u>(0038,xxx2)</u>	<u>Service Episode Description</u>	<u>LO</u>	<u>1</u>