Status	Assigned
Date of Last Update	2026/04/20
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Submission Date	2025/04/24

Correction Number CP-2541
Log Summary: Add EFO Coding Scheme and single cell identifier code
Name of Standard PS3.16
Rationale for Correction: It is sometimes necessary to identify single cells, and a suitable concept exists in the Experimental Factor Ontology (EFO), which is not yet a recognized coding scheme in DICOM. Add EFO, and the coded concept for single cell identifier to the Microscopy Measurement Type context group (invoked from the Microscopy Bulk Simple Annotations Module).
Correction Wording:

*Amend DICOM PS3.16 as follows (changes to existing text are bold and **underlined** for additions and **~~struckthrough~~** for removals):*

8 Coding Schemes

Table 8-1. Coding Schemes

Coding Scheme Designator (0008,0102)	Coding Scheme UID (0008,010C)	Coding Scheme Name (0008,0115)	Coding Scheme Responsible Organization (0008,0116)	Coding Scheme Resources Sequence (0008,0109) Type: URL	Description
EFO		**Experimental Factor Ontology**		**DOC: http://www.ebi.ac.uk/efo/** **OWL: http://www.ebi.ac.uk/efo/efo.owl**	**Code Values in DICOM are of the form "nnnnnnn" without any prefix "EFO_", since that would be redundant with the Coding Scheme Designator (0008,0102) Value.** **See Malone et al "Modeling Sample Variables with an Experimental Factor Ontology". Bioinformatics 2010, 26(8):1112-1118. doi:10.1093/bioinformatics/btq099.**

CID 8136 Microscopy Measurement Type

Version: **~~20210712~~yyyymmdd**

Table CID 8136. Microscopy Measurement Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	42798000	Area	G-A166	C0205146
EFO	**0010197**	**single cell identifier**		