

# DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2016/09/08
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Correction Number	CP-1573
Log Summary:	Add definition of Code String
Name of Standard	PS3.5 2016c
Rationale for Correction:	The purpose of the Code String (CS) Value Representation is nowhere defined.
Correction Wording:	

**Add to PS3.5 Section 3.10**

## 3.10 DICOM Data Structures and Encoding Definitions

...

**Character Repertoire:** ...

**Code String:** A string of characters identifying a controlled concept, including Defined Terms and Enumerated Values when represented as character strings. The scope of the controlled concept is limited to the attribute for which the string provides the value; i.e., the attribute defines the allowed set of values for the Code String, and a particular string may have different meanings in different attributes. A Code String is formally an arbitrary code representing a semantic concept; however, English language words (using the constrained character set of the CS Value Representation) are often used as codes for the semantics of those words.

**Data Element:** ...

**Add to PS3.5 Section 6.2**

**Table 6.2-1. DICOM Value Representations**

VR Name	Definition	Character Repertoire	Length of Value
...			
CS Code String	A string of characters <b>identifying a controlled concept. L</b> with leading or trailing spaces (20H) <b>being are non-t</b> significant.	Uppercase characters, "0"- "9", the SPACE character, and underscore "_", of the Default Character Repertoire	16 bytes maximum
...			