

## DICOM Correction Item

Correction Number CP-457	
Log Summary: Add YBR_420 for Ultrasound MPEG	
Type of Modification Modification	Name of Standard PS 3.3
Rationale for Correction:  The addition of MPEG to the standard with Supplement 42 should allow its use for Ultrasound, especially for clinical applications such as pediatric echocardiography.  The YBR_PARTIAL_420 Photometric Interpretation is added to the Ultrasound IOD.	
Sections of documents affected  PS 3.3 Annex C	
Correction Wording:	

### **C.8.5.6.1.2 Photometric Interpretation**

For US Images, Photometric Interpretation (0028,0004) is specified to use the following Defined Terms:

MONOCHROME2	PALETTE COLOR	RGB
ARGB ( <i>retired</i> )	YBR_FULL	YBR_FULL_422
YBR_PARTIAL_422	YBR_RCT	YBR_ICT

#### **YBR\_PARTIAL\_420**

Note: It is recommended that future implementations should not use ARGB photometric interpretation.

See PS 3.5 for restrictions imposed by compressed Transfer Syntaxes.