

DICOM Correction Item

Correction Number		CP-200
Log Summary: Correct Lookup Table D.1-2 in part 14		
Type of Modification	Name of Standard	
Correction	PS 3.14 - 1999	
Rationale for Correction		
<p>1. Table D.1-2 in Annex D, which shows the results of performing an example calibration and calculating the resulting Lookup Table for standardizing the display device, is incorrect. The original table was calculated with the wrong input values by mistake, resulting in incorrect values in the table. New values for the table have been calculated by several independent sources, using the correct inputs, as specified in the standard's text. The results from the independent calculations are all in agreement. Figure 1 shows this graphically, with the old Table D.1-2 values appearing separated (above) from the three other calculations, which all produced the same values (they overlap on the graph). Replacing the incorrect table with the verified correct values will avoid confusion when people attempt to implement this standard and use the table as an example to test the results of their implementation, as many have done.</p>		
Sections of documents affected		
Table D.1-2 in Annex D of PS 3.14		
Correction Wording:		
Replace the output values in Table D.1-2 with the values given below.		

New Table D.1-2 Values

0	0	1	118	2	131	3	140
4	148	5	153	6	160	7	164
8	169	9	173	10	178	11	182
12	185	13	189	14	191	15	194
16	198	17	201	18	204	19	207
20	210	21	214	22	217	23	219
24	222	25	225	26	228	27	231
28	234	29	237	30	240	31	243
32	245	33	248	34	251	35	253
36	255	37	257	38	260	39	263
40	265	41	268	42	271	43	274
44	276	45	279	46	282	47	284
48	287	49	290	50	292	51	295
52	298	53	301	54	303	55	306
56	308	57	311	58	314	59	317
60	319	61	320	62	323	63	326
64	329	65	331	66	334	67	336
68	339	69	342	70	345	71	347
72	350	73	353	74	356	75	359
76	361	77	364	78	367	79	370
80	372	81	375	82	378	83	381
84	383	85	385	86	388	87	391
88	393	89	396	90	399	91	402
92	405	93	407	94	410	95	413
96	416	97	419	98	422	99	425
100	428	101	431	102	434	103	437
104	440	105	443	106	445	107	448

108	450	109	452	110	456	111	459
112	462	113	465	114	468	115	471
116	474	117	477	118	480	119	483
120	486	121	490	122	492	123	495
124	499	125	502	126	505	127	509
128	511	129	513	130	516	131	519
132	522	133	526	134	529	135	532
136	535	137	539	138	542	139	545
140	549	141	552	142	555	143	559
144	562	145	565	146	569	147	572
148	575	149	578	150	581	151	585
152	588	153	591	154	595	155	599
156	602	157	605	158	609	159	613
160	616	161	619	162	623	163	627
164	631	165	633	166	637	167	640
168	643	169	646	170	650	171	655
172	657	173	663	174	666	175	669
176	674	177	678	178	682	179	684
180	688	181	693	182	696	183	700
184	703	185	706	186	711	187	714
188	719	189	723	190	727	191	731
192	735	193	738	194	743	195	745
196	752	197	754	198	758	199	764
200	766	201	769	202	775	203	777
204	783	205	787	206	789	207	796
208	799	209	805	210	808	211	811
212	818	213	821	214	827	215	830
216	834	217	838	218	841	219	848
220	851	221	856	222	861	223	864

224	870	225	874	226	880	227	883
228	889	229	893	230	897	231	901
232	905	233	911	234	915	235	922
236	925	237	931	238	935	239	941
240	945	241	951	242	955	243	960
244	964	245	969	246	975	247	979
248	985	249	991	250	995	251	1002
252	1006	253	1012	254	1016	255	1023