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7	Submission Date	2015/08/24

8	Correction Number CP-1543
9	Log Summary: PET image library corrections
10	Name of Standard
11	PS3.16
12	Rationale for Correction:
13	Units should be specified as EV for the half-life.
14	The Glucose Measurement Date and Time are only needed if the Glucose Measurement is present and it does not have an Observation
15	DateTime.
16	Fix incorrectly numbered rows.
17	Correction Wording:

Amend DICOM PS3.16 as follows:

## TID 1607 Image Library Entry Descriptors for PET

Table TID 1607. Image Library Entry Descriptors for PET

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS ACQ CONTEXT	CODE	EV (C-10072, SRT, "Radionuclide")	1	U		D???
2		HAS ACQ CONTEXT	CODE	EV (F-61FDB, SRT, "Radiopharmaceutical agent")	1	U		D???
3		HAS ACQ CONTEXT	NUM	EV (R-42806, SRT, "Half-life of radiopharmaceutical")	1	U		UNITS = <u>EV</u> (s, UCUM, "s")
4		HAS ACQ CONTEXT	DATETIME	EV (123003, DCM, "Radiopharmaceutical Start Date Time")	1	U		
<del>45</del>		HAS ACQ CONTEXT	DATETIME	EV (123004, DCM, "Radiopharmaceutical Stop Time")	1	U		
<del>56</del>		HAS ACQ CONTEXT	NUM	EV (123005, DCM, "Radiopharmaceutical Volume")	1	U		UNITS = DT (cm3, UCUM, "cm3")
<del>67</del>		HAS ACQ CONTEXT	NUM	EV (123006, DCM, "Radionuclide Total Dose")	1	U		UNITS = DT (Bq, UCUM, "Bq")
<del>78</del>		HAS ACQ CONTEXT	NUM	EV (123007, DCM, "Radiopharmaceutical Specific Activity")	1	U		UNITS = DT (Bq/mol, UCUM, "Bq/mol")
<del>89</del>		HAS ACQ CONTEXT	CODE	EV (G-C340, SRT, "Route of Administration")	1	U		BCID 11
<del>910</del>		HAS ACQ CONTEXT	NUM	EV (123009, DCM, "Radionuclide Syringe Counts")	1	U		UNITS = DT ({counts}/s, UCUM "counts/s")
<del>4011</del>		HAS ACQ CONTEXT	NUM	EV (123010, DCM, "Radionuclide Residual Syringe Counts")	1	U		UNITS = DT ({counts}/s, UCUM "counts/s")
<del>4012</del>		HAS ACQ CONTEXT	NUM	EV (126203, DCM, "PET Radionuclide Incubation Time")	1	U		UNITS = EV (min, UCUM, "min")
<del>4213</del>		HAS ACQ CONTEXT	NUM	EV (14749-6, LN, "Glucose")	1	U		UNITS = EV (mmol/l, UCUM, "mmol/l")
<del>4314</del>		HAS ACQ CONTEXT	DATE	EV (109081, DCM, "Glucose Measurement Date")	1	<u>MC</u>	<b>IF Row 13 Glucose is present and does not contain Observation DateTime (0040.A032).</b>	

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1 2 3 4 5 6 7 8 9 10	<b>4415</b>	HAS ACQ CONTEXT	TIME	EV (109082, DCM, "Glucose Measurement Time")	1	MC	<b><u>IF Row 13 Glucose is present and does not contain Observation DateTime (0040.A032).</u></b>	

12 **Content Item Descriptions**

13 14	Half-life of radiopharmaceutical	The units for half life are chosen to be seconds, to match the units used for Radionuclide Half Life (0018,1075). See PS3.3 Section C.8.9.2.
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