

TagName	Group	Element	VR
AbortFlag	4010	1024	CS
AbortReason	4010	1021	CS
AbsoluteChannelDisplayScale	003A	248	FL
AbstractPriorCodeSequence	72	003E	SQ
AbstractPriorValue	72	003C	SS
AccessionNumber	8	50	SH
AccessoryCode	300A	00F9	LO
AcquiredImageAreaDoseProduct	18	9473	FL
AcquiredSoundpathLength	14	4031	DS
AcquisitionCommentsRetired	18	4000	LT
AcquisitionCompressionType	14	4032	CS
AcquisitionContextDescription	40	556	ST
AcquisitionContextSequence	40	555	SQ
AcquisitionContrast	8	9209	CS
AcquisitionDate	8	22	DA
AcquisitionDatetime	8	002A	DT
AcquisitionDeviceProcessingCode	18	1401	LO
AcquisitionDeviceProcessingDescription	18	1400	LO
AcquisitionDeviceTypeCodeSequence	22	15	SQ
AcquisitionDuration	18	9073	FD
AcquisitionIndex	20	9518	US
AcquisitionMatrix	18	1310	US
AcquisitionNumber	20	12	IS
AcquisitionProtocolDescription	18	9424	LT
AcquisitionProtocolName	18	9423	LO
AcquisitionSampleSize	14	4033	IS
AcquisitionsInSeriesRetired	20	1001	IS
AcquisitionsInStudyRetired	20	1004	IS
AcquisitionStartCondition	18	73	CS
AcquisitionStartConditionData	18	74	IS
AcquisitionStatus	4010	1044	CS
AcquisitionTerminationCondition	18	71	CS
AcquisitionTerminationConditionData	18	75	IS
AcquisitionTime	8	32	TM
AcquisitionTimeSynchronized	18	1800	CS
AcquisitionType	18	9302	CS
AcrossScanSpatialResolution	22	48	FL
ActionTypeIcd	0	1008	US
ActiveSourceDiameter	300A	218	DS
ActiveSourceLength	300A	021A	DS
ActualCardiacTriggerDelayTime	20	9252	FD
ActualCardiacTriggerTimePriorToRPeak	20	9155	FL
ActualEnvironmentalConditions	14	1010	ST
ActualFrameDuration	18	1242	IS
ActualHumanPerformersSequence	40	4035	SQ
ActualRespiratoryTriggerDelayTime	20	9257	FD

AdaptiveMapFormatRetired	28	730	US
AddIntermediateSequence	46	101	SQ
AdditionalDrugSequence	18	002A	SQ
AdditionalPatientHistory	10	21B0	LT
AddNearSequence	46	100	SQ
AddOtherSequence	46	102	SQ
AddPower	46	104	FD
AddressTrialRetired	40	A353	ST
AdministrationRouteCodeSequence	54	302	SQ
AdmissionId	38	10	LO
AdmittingDate	38	20	DA
AdmittingDiagnosesCodeSequence	8	1084	SQ
AdmittingDiagnosesDescription	8	1080	LO
AdmittingTime	38	21	TM
AffectedSopClassUid	0	2	UI
AffectedSopInstanceUid	0	1000	UI
AgeCorrectedSensitivityDeviationAlgorithmSequence	24	65	SQ
AgeCorrectedSensitivityDeviationProbabilityValue	24	100	FL
AgeCorrectedSensitivityDeviationValue	24	92	FL
AirCounts	14	3070	OB
AlarmDecision	4010	1031	CS
AlarmDecisionTime	4010	102B	DT
AlgorithmCodeSequenceTrialRetired	40	A296	SQ
AlgorithmDescription	18	9528	LO
AlgorithmDescriptionTrialRetired	40	A297	ST
AlgorithmFamilyCodeSequence	66	002F	SQ
AlgorithmName	66	36	LO
AlgorithmNameCodeSequence	66	30	SQ
AlgorithmParameters	66	32	LT
AlgorithmRoutingCodeSequence	4010	1064	SQ
AlgorithmSource	24	202	LO
AlgorithmType	18	9527	CS
AlgorithmVersion	66	31	LO
AliasedDataType	18	980B	CS
AlinePixelSpacing	52	14	FD
AlineRate	52	11	FD
AlinesPerFrame	52	12	US
Allergies	10	2110	LO
AllowLossyCompression	2200	000F	CS
AllowMediaSplitting	2200	7	CS
AlongScanSpatialResolution	22	37	FL
AlphaLutTransferFunction	28	1410	CS
AlphaPaletteColorLookupTableData	28	1204	OW
AlphaPaletteColorLookupTableDescriptor	28	1104	US
AlternateContainerIdentifierSequence	40	515	SQ
AlternateContentDescriptionSequence	70	87	SQ
AlternateRepresentationSequence	8	3001	SQ

AmplifierType		14	400A	CS
AnatomicalOrientationType		10	2210	CS
AnatomicApproachDirectionCodeSequenceTrialRetired		8	2255	SQ
AnatomicLocationOfExaminingInstrumentCodeSequenceTrialRetired		8	2259	SQ
AnatomicLocationOfExaminingInstrumentDescriptionTrialRetired		8	2258	ST
AnatomicPerspectiveCodeSequenceTrialRetired		8	2257	SQ
AnatomicPerspectiveDescriptionTrialRetired		8	2256	ST
AnatomicPortalOfEntranceCodeSequenceTrialRetired		8	2253	SQ
AnatomicRegionModifierSequence		8	2220	SQ
AnatomicRegionSequence		8	2218	SQ
AnatomicStructureRetired		8	2208	CS
AnatomicStructureSpaceOrRegionCodeSequenceTrialRetired		8	2251	SQ
AnatomicStructureSpaceOrRegionModifierCodeSequenceTrialRetired		8	225A	SQ
AnatomicStructureSpaceOrRegionSequence		8	2229	SQ
AnchorPoint		70	14	FL
AnchorPointAnnotationUnits		70	4	CS
AnchorPointVisibility		70	15	CS
AngioFlag		18	25	CS
AngleNumberRetired		20	18	IS
AngularPositionRetired		18	1141	DS
AngularStep		18	1144	DS
AngularViewVector		54	90	US
AnnotationContentSequenceRetired		2130	50	SQ
AnnotationDisplayFormatId		2010	30	CS
AnnotationFlagRetired		2000	65	CS
AnnotationGroupNumber		40	A180	US
AnnotationPosition		2030	10	US
AnodeTargetMaterial		18	1191	CS
AnteriorChamberDepth		22	1131	FL
AnteriorChamberDepthDefinitionCodeSequence		22	1125	SQ
ApexPosition		20	9308	FD
ApplicableFrameRange		28	6102	US
ApplicableSafetyStandardAgency		18	9174	CS
ApplicableSafetyStandardDescription		18	9175	LO
ApplicationManufacturer		18	9526	LO
ApplicationMaximumRepaintTime		72	010E	US
ApplicationName		18	9524	LO
ApplicationSetupCheck		3008	116	CS
ApplicationSetupManufacturer	300A		238	LO
ApplicationSetupName	300A		236	LO
ApplicationSetupNumber	300A		234	IS
ApplicationSetupSequence	300A		230	SQ
ApplicationSetupType	300A		232	CS
ApplicationVersion		18	9525	LO
ApplicatorApertureShape	300A		432	CS
ApplicatorDescription	300A		010A	LO
ApplicatorGeometrySequence	300A		431	SQ

ApplicatorId	300A		108	SH
ApplicatorOpening	300A		433	FL
ApplicatorOpeningX	300A		434	FL
ApplicatorOpeningY	300A		435	FL
ApplicatorSequence	300A		107	SQ
ApplicatorType	300A		109	CS
ApprovalStatus	300E		2	CS
ApprovalStatusDatetime		44	4	DT
ApprovalStatusFurtherDescription		44	3	LT
ArbitraryRetired		4000	10	LT
ArchiveRequested		40	A494	CS
ArterialSpinLabelingContrast		18	9250	CS
AslBolusCutOffDelayTime		18	925F	UL
AslBolusCutOffFlag		18	925C	CS
AslBolusCutOffTechnique		18	925E	LO
AslBolusCutOffTimingSequence		18	925D	SQ
AslContext		18	9257	CS
AslCrusherDescription		18	925B	LO
AslCrusherFlag		18	9259	CS
AslCrusherFlow		18	925A	FD
AslMidSlabPosition		18	9256	FD
AslPulseTrainDuration		18	9258	UL
AslSlabNumber		18	9253	US
AslSlabOrientation		18	9255	FD
AslSlabSequence		18	9260	SQ
AslSlabThickness		18	9254	FD
AslTechniqueDescription		18	9252	LO
AssignedLocation		4010	102A	SH
AssigningAgencyOrDepartmentCodeSequence		40	003A	SQ
AssigningFacilitySequence		40	36	SQ
AssigningJurisdictionCodeSequence		40	39	SQ
AtdAbilityAssessment		4010	1014	CS
AtdAssessmentFlag		4010	1015	CS
AtdAssessmentProbability		4010	1016	FL
AtdAssessmentSequence		4010	1038	SQ
AttachedContours		3006	49	IS
AttenuationCorrected		18	9759	CS
AttenuationCorrectionMethod		54	1101	LO
AttenuationCorrectionSource		18	9738	CS
AttenuationCorrectionTemporalRelationship		18	9770	CS
AttributeIdentifierList		0	1005	AT
AttributeItemSelector		74	1054	UL
AttributeModificationDatetime		400	562	DT
AttributeOccurrencePointer		74	1052	AT
AttributeOccurrencePrivateCreator		74	1056	LO
AttributeOccurrenceSequence		74	1050	SQ
AudioCommentsRetired		5000	200E	LT

AudioSampleDataRetired	5000	200C	OW
AudioSampleFormatRetired	5000	2002	US
AudioTypeRetired	5000	2000	US
AuthorizationEquipmentCertificationNumber	100	426	LO
AuthorObserverSequence	40	A078	SQ
AutorefractionLeftEyeSequence	46	52	SQ
AutorefractionRightEyeSequence	46	50	SQ
AveragePulseWidth	18	1154	DS
AxialAcceptance	54	1200	DS
AxialDetectorDimension	18	9727	FD
AxialLengthOfTheEye	22	30	FL
AxialMash	54	1201	IS
AxialResolution	52	8	FD
AxisLabelsRetired	5000	40	SH
AxisOfRotation	66	001B	FL
AxisUnitsRetired	5000	30	SH
BackgroundColor	46	92	CS
BackgroundIlluminationColorCodeSequence	24	24	SQ
BackgroundLuminance	24	20	FL
BadPixelImage	14	3080	OB
BarcodeSymbology	2200	6	CS
BarcodeValue	2200	5	LT
BaselineCorrection	18	9067	CS
BasicColorImageSequence	2020	111	SQ
BasicGrayscaleImageSequence	2020	110	SQ
BasisMaterialsCodeSequence	4010	1045	SQ
BeamAngle	18	9449	FL
BeamCurrentModulationId	300A	034C	SH
BeamDescription	300A	00C3	ST
BeamDose	300A	84	DS
BeamDosePointDepth	300A	88	FL
BeamDosePointEquivalentDepth	300A	89	FL
BeamDosePointSsd	300A	008A	FL
BeamDoseSpecificationPoint	300A	82	DS
BeamLimitingDeviceAngle	300A	120	DS
BeamLimitingDeviceAngleTolerance	300A	46	DS
BeamLimitingDeviceLeafPairsSequence	3008	00A0	SQ
BeamLimitingDevicePositionSequence	300A	011A	SQ
BeamLimitingDevicePositionTolerance	300A	004A	DS
BeamLimitingDeviceRotationDirection	300A	121	CS
BeamLimitingDeviceSequence	300A	00B6	SQ
BeamLimitingDeviceToleranceSequence	300A	48	SQ
BeamMeterset	300A	86	DS
BeamName	300A	00C2	LO
BeamNumber	300A	00C0	IS
BeamOrderIndex	74	1324	UL
BeamOrderIndexTrialRetired	74	1024	IS

BeamSequence	300A	00B0	SQ
BeamSpotSize	52	3	FD
BeamStopperPosition	3008	230	CS
BeamTaskSequence	74	1020	SQ
BeamTaskType	74	1022	CS
BeamType	300A	00C4	CS
BeatRejectionFlag	18	1080	CS
BeltHeight	4010	1062	FL
BibliographicCitationTrialRetired	40	A16A	ST
BillingItemSequence	40	296	SQ
BillingProcedureStepSequence	40	320	SQ
BillingSuppliesAndDevicesSequence	40	324	SQ
BiPlaneAcquisitionSequenceRetired	28	5000	SQ
BitsAllocated	28	100	US
BitsGroupedRetired	28	69	US
BitsMappedToColorLookupTable	28	1403	US
BitsStored	28	101	US
BlendingLookupTableData	28	1408	OW
BlendingLookupTableDescriptor	28	1407	US
BlendingLut1Sequence	28	1404	SQ
BlendingLut1TransferFunction	28	1405	CS
BlendingLut2Sequence	28	140C	SQ
BlendingLut2TransferFunction	28	140D	CS
BlendingOperationType	72	500	CS
BlendingPosition	70	405	CS
BlendingSequence	70	402	SQ
BlendingWeightConstant	28	1406	FD
BlindSpotLocalized	24	106	CS
BlindSpotXCoordinate	24	107	FL
BlindSpotYCoordinate	24	108	FL
BlockColumnsRetired	28	92	US
BlockData	300A	106	DS
BlockDivergence	300A	00FA	CS
BlockedPixelsRetired	28	90	CS
BlockMountingPosition	300A	00FB	CS
BlockName	300A	00FE	LO
BlockNumber	300A	00FC	IS
BlockNumberOfPoints	300A	104	IS
BlockRowsRetired	28	91	US
BlockSequence	300A	00F4	SQ
BlockThickness	300A	100	DS
BlockTransmission	300A	102	DS
BlockTrayId	300A	00F5	SH
BlockType	300A	00F8	CS
BloodSignalNulling	18	9022	CS
BluePaletteColorLookupTableData	28	1203	OW
BluePaletteColorLookupTableDescriptor	28	1103	US

BoardingPassId	4010	101A	SH
BodyPartExamined	18	15	CS
BodyPartThickness	18	11A0	DS
Bold	70	249	CS
BolusDescription	300A	00DD	ST
BolusId	300A	00DC	SH
BoneThermalIndex	18	5024	DS
BorderDensity	2010	100	CS
BottomRightHandCornerOfLocalizerArea	48	202	US
BoundingBoxAnnotationUnits	70	3	CS
BoundingBoxBottomRightHandCorner	70	11	FL
BoundingBoxTextHorizontalJustification	70	12	CS
BoundingBoxTopLeftHandCorner	70	10	FL
BoundingPolygon	4010	101D	FL
BoundingRectangle	68	6347	FD
BrachyAccessoryDeviceId	300A	263	SH
BrachyAccessoryDeviceName	300A	266	LO
BrachyAccessoryDeviceNominalThickness	300A	026A	DS
BrachyAccessoryDeviceNominalTransmission	300A	026C	DS
BrachyAccessoryDeviceNumber	300A	262	IS
BrachyAccessoryDeviceSequence	300A	260	SQ
BrachyAccessoryDeviceType	300A	264	CS
BrachyApplicationSetupDose	300A	00A4	DS
BrachyApplicationSetupDoseSpecificationPoint	300A	00A2	DS
BrachyControlPointDeliveredSequence	3008	160	SQ
BrachyControlPointSequence	300A	02D0	SQ
BrachyReferencedDoseReferenceSequence	300C	55	SQ
BrachyTreatmentTechnique	300A	200	CS
BrachyTreatmentType	300A	202	CS
BranchOfService	10	1081	LO
BreastImplantPresent	28	1300	CS
BreedRegistrationNumber	10	2295	LO
BreedRegistrationSequence	10	2294	SQ
BreedRegistryCodeSequence	10	2296	SQ
BulkMotionCompensationTechnique	18	9172	CS
BulkMotionSignalSource	18	9173	CS
BulkMotionStatusRetired	18	9166	CS
BurnedInAnnotation	28	301	CS
CadFileFormat	14	23	ST
CalciumScoringMassFactorDevice	18	9352	FL
CalciumScoringMassFactorPatient	18	9351	FL
CalculatedAnatomyThickness	18	9452	FL
CalculatedDoseReferenceDescription	3008	74	ST
CalculatedDoseReferenceDoseValue	3008	76	DS
CalculatedDoseReferenceNumber	3008	72	IS
CalculatedDoseReferenceSequence	3008	70	SQ
CalculatedFrameList	8	1162	UL

CalibrationDataSequence		54	306	SQ
CalibrationDate		14	407E	DA
CalibrationImage		50	4	CS
CalibrationNotes		14	3099	LT
CalibrationProcedure		14	4072	ST
CalibrationSequence		18	9455	SQ
CalibrationSettingsSequence		14	4070	SQ
CalibrationTime		14	407C	TM
CameraAngleOfView		22	001E	FL
CardiacBeatRejectionTechnique		18	9169	CS
CardiacCyclePosition		18	9236	CS
CardiacFramingType		18	1064	LO
CardiacNumberOfImages		18	1090	IS
CardiacRRIntervalSpecified		18	9070	FD
CardiacSignalSource		18	9085	CS
CardiacSynchronizationSequence		18	9118	SQ
CardiacSynchronizationTechnique		18	9037	CS
CArmPositionerTabletopRelationship		18	9474	CS
CarrierId		4010	1058	SH
CarrierIdAssigningAuthority		4010	1059	CS
CassetteId		18	1007	LO
CassetteOrientation		18	1402	CS
CassetteSize		18	1403	CS
CatchTrialsDataFlag		24	55	CS
CatheterDirectionOfRotation		52	31	CS
CatheterRotationalRate		52	13	FD
CenterOfCircularCollimator		18	1710	IS
CenterOfCircularExposureControlSensingRegion		18	9440	SS
CenterOfCircularShutter		18	1610	IS
CenterOfMass		4010	101B	FL
CenterOfPto		4010	101C	FL
CenterOfRotation		66	001C	FL
CenterOfRotationOffset		18	1145	DS
CertificateOfSigner		400	115	OB
CertificateType		400	110	CS
CertifiedTimestamp		400	310	OB
CertifiedTimestampType		400	305	CS
ChannelBaseline	003A		213	DS
ChannelDefinitionSequence	003A		200	SQ
ChannelDerivationDescription	003A	020C		LO
ChannelDescriptionCodeSequence		22	001A	SQ
ChannelDisplaySequence	003A		242	SQ
ChannelIdentificationCode	003A		301	IS
ChannelLabel	003A		203	SH
ChannelLength	300A		284	DS
ChannelMaximumValue		5400	112	OB
ChannelMinimumValue		5400	110	OB

ChannelMode	003A		302	CS
ChannelNumber	300A		282	IS
ChannelOffset	003A		218	DS
ChannelPosition	003A		245	FL
ChannelRecommendedDisplayCielabValue	003A		244	US
ChannelSampleSkew	003A		215	DS
ChannelSensitivity	003A		210	DS
ChannelSensitivityCorrectionFactor	003A		212	DS
ChannelSensitivityUnitsSequence	003A		211	SQ
ChannelSequence	300A		280	SQ
ChannelShieldId	300A	02B3		SH
ChannelShieldName	300A	02B4		LO
ChannelShieldNominalThickness	300A	02B8		DS
ChannelShieldNominalTransmission	300A	02BA		DS
ChannelShieldNumber	300A	02B2		IS
ChannelShieldSequence	300A	02B0		SQ
ChannelSourceModifiersSequence	003A		209	SQ
ChannelSourceSequence	003A		208	SQ
ChannelStatus	003A		205	CS
ChannelTimeSkew	003A		214	DS
ChannelTotalTime	300A		286	DS
ChannelWidth		46	42	FD
ChemicalShiftMaximumIntegrationLimitInHzRetired		18	9196	FD
ChemicalShiftMaximumIntegrationLimitInPpm		18	9296	FD
ChemicalShiftMinimumIntegrationLimitInHzRetired		18	9195	FD
ChemicalShiftMinimumIntegrationLimitInPpm		18	9295	FD
ChemicalShiftReference		18	9053	FD
ChemicalShiftSequence		18	9084	SQ
CineRate		18	40	IS
CineRelativeToRealTime		72	330	FD
ClinicalTrialCoordinatingCenterName		12	60	LO
ClinicalTrialProtocolEthicsCommitteeApprovalNumber		12	82	LO
ClinicalTrialProtocolEthicsCommitteeName		12	81	LO
ClinicalTrialProtocolId		12	20	LO
ClinicalTrialProtocolName		12	21	LO
ClinicalTrialSeriesDescription		12	72	LO
ClinicalTrialSeriesId		12	71	LO
ClinicalTrialSiteId		12	30	LO
ClinicalTrialSiteName		12	31	LO
ClinicalTrialSponsorName		12	10	LO
ClinicalTrialSubjectId		12	40	LO
ClinicalTrialSubjectReadingId		12	42	LO
ClinicalTrialTimePointDescription		12	51	ST
ClinicalTrialTimePointId		12	50	LO
CoatingMaterialsCodeSequence		68	63A4	SQ
CodeMeaning		8	104	LO
CodeNumberFormatRetired		28	740	US

CodeValue		8	100	SH
CodingSchemeDesignator		8	102	SH
CodingSchemeExternalId		8	114	ST
CodingSchemeIdentificationSequence		8	110	SQ
CodingSchemeName		8	115	ST
CodingSchemeRegistry		8	112	LO
CodingSchemeResponsibleOrganization		8	116	ST
CodingSchemeUid		8	010C	UI
CodingSchemeVersion		8	103	SH
CoefficientsSddnRetired	7FE0		40	OW
CoefficientsSdhnRetired	7FE0		30	OW
CoefficientsSdvnRetired	7FE0		20	OW
CoincidenceWindowWidth		54	1210	DS
CollationFlagRetired		2000	63	CS
CollimatorGridName		18	1180	SH
CollimatorLeftVerticalEdge		18	1702	IS
CollimatorLowerHorizontalEdge		18	1708	IS
CollimatorRightVerticalEdge		18	1704	IS
CollimatorShape		18	1700	CS
CollimatorShapeSequence		18	9407	SQ
CollimatorType		18	1181	CS
CollimatorUpperHorizontalEdge		18	1706	IS
ColorImagePrintingFlagRetired		2000	62	CS
ColumnAngulation		18	1450	DS
ColumnAngulationPatient		18	9447	FL
ColumnOverlapRetired		28	94	US
ColumnPositionInTotalImagePixelMatrix		48	021F	SL
Columns		28	11	US
CommandField		0	100	US
CommentsOnPatientsPerformanceOfVisualField		24	44	LT
CommentsOnRadiationDose		40	310	ST
CommentsOnThePerformedProcedureStep		40	280	ST
CommentsOnTheScheduledProcedureStep		40	400	LT
CompensatorColumnOffset	300A		2.00E+05	FL
CompensatorColumns	300A		0.00E+00	IS
CompensatorDescription	300A	02EB		LT
CompensatorDivergence	300A		2.00E+00	CS
CompensatorId	300A		0.00E+00	SH
CompensatorMillingToolDiameter	300A		2.00E+08	FL
CompensatorMountingPosition	300A		2.00E+01	CS
CompensatorNumber	300A		0.00E+00	IS
CompensatorPixelSpacing	300A		0.00E+00	DS
CompensatorPosition	300A	00EA		DS
CompensatorRelativeStoppingPowerRatio	300A		2.00E+07	FL
CompensatorRows	300A		0.00E+00	IS
CompensatorSequence	300A		0.00E+00	SQ
CompensatorThicknessData	300A	00EC		DS

CompensatorTransmissionData	300A	00EB	DS
CompensatorType	300A	00EE	CS
CompletionFlag	40	A491	CS
CompletionFlagDescription	40	A492	LO
ComplexImageComponent	8	9208	CS
Component1ReferencedId	76	70	US
Component1ReferencedMatingFeatureId	76	90	US
Component1ReferencedMatingFeatureSetId	76	80	US
Component2ReferencedId	76	00A0	US
Component2ReferencedMatingFeatureId	76	00C0	US
Component2ReferencedMatingFeatureSetId	76	00B0	US
ComponentAssemblySequence	76	60	SQ
ComponentId	76	55	US
ComponentManufacturer	14	28	ST
ComponentManufacturingProcedure	14	25	ST
ComponentReferenceSystem	14	24	ST
ComponentSequence	76	40	SQ
ComponentShape	14	50	CS
ComponentTypeCodeSequence	76	34	CS
ComponentTypesSequence	76	32	SQ
CompoundGraphicInstanceId	70	226	UL
CompoundGraphicSequence	70	209	SQ
CompoundGraphicType	70	294	CS
CompoundGraphicUnits	70	282	CS
CompressionCodeRetired	28	60	CS
CompressionDescriptionRetired	28	63	SH
CompressionForce	18	11A2	DS
CompressionLabelRetired	28	62	LO
CompressionOriginatorRetired	28	61	SH
CompressionRecognitionCodeRetired	28	005F	LO
CompressionSequenceRetired	28	65	CS
CompressionStepPointersRetired	28	66	AT
ConcatenationFrameOffsetNumber	20	9228	UL
ConcatenationUid	20	9161	UI
ConceptCodeSequence	40	A168	SQ
ConceptNameCodeSequence	40	A043	SQ
CondenserLensPower	48	111	DS
ConfidentialityCode	40	1008	LO
ConfidentialityConstraintOnPatientDataDescription	40	3001	LO
ConfigurationInformation	2010	150	ST
ConfigurationInformationDescription	2010	152	LT
ConsentForClinicalTrialUseSequence	12	83	SQ
ConsentForDistributionFlag	12	85	CS
ConstantVolumeFlag	18	9333	CS
ConstraintWeight	300A	21	DS
ContactDisplayName	74	100C	LO
ContactUri	74	100A	ST

ContainerComponentDescription	50	001E	LO
ContainerComponentDiameter	50	001D	FD
ContainerComponentId	50	001B	LO
ContainerComponentLength	50	001C	FD
ContainerComponentMaterial	50	001A	CS
ContainerComponentSequence	40	520	SQ
ContainerComponentThickness	50	13	FD
ContainerComponentTypeCodeSequence	50	12	SQ
ContainerComponentWidth	50	15	FD
ContainerDescription	40	051A	LO
ContainerIdentifier	40	512	LO
ContainerTypeCodeSequence	40	518	SQ
ContentCreatorsIdentificationCodeSequence	70	86	SQ
ContentCreatorsName	70	84	PN
ContentDate	8	23	DA
ContentDescription	70	81	LO
ContentItemModifierSequence	40	441	SQ
ContentLabel	70	80	CS
ContentQualification	18	9004	CS
ContentSequence	40	A730	SQ
ContentTemplateSequence	40	A504	SQ
ContentTime	8	33	TM
ContextGroupExtensionCreatorUid	8	010D	UI
ContextGroupExtensionFlag	8	010B	CS
ContextGroupLocalVersion	8	107	DT
ContextGroupVersion	8	106	DT
ContextIdentifier	8	010F	CS
ContextUid	8	117	UI
ContinuationEndMeterset	74	121	FD
ContinuationStartMeterset	74	120	FD
ContinuityOfContent	40	A050	CS
ContourData	3006	50	DS
ContourGeometricType	3006	42	CS
ContourImageSequence	3006	16	SQ
ContourNumber	3006	48	IS
ContourOffsetVector	3006	45	DS
ContourSequence	3006	40	SQ
ContourSlabThickness	3006	44	DS
ContourUncertaintyRadius	70	312	FD
ContrastAdministrationProfileSequence	18	9340	SQ
ContrastBolusAdministrationRouteSequence	18	14	SQ
ContrastBolusAgent	18	10	LO
ContrastBolusAgentAdministered	18	9342	CS
ContrastBolusAgentDetected	18	9343	CS
ContrastBolusAgentNumber	18	9337	US
ContrastBolusAgentPhase	18	9344	CS
ContrastBolusAgentSequence	18	12	SQ

ContrastBolusIngredient	18	1048	CS
ContrastBolusIngredientCodeSequence	18	9338	SQ
ContrastBolusIngredientConcentration	18	1049	DS
ContrastBolusIngredientOpaque	18	9425	CS
ContrastBolusIngredientPercentByVolume	52	1	FL
ContrastBolusRoute	18	1040	LO
ContrastBolusStartTime	18	1042	TM
ContrastBolusStopTime	18	1043	TM
ContrastBolusTotalDose	18	1044	DS
ContrastBolusUsageSequence	18	9341	SQ
ContrastBolusVolume	18	1041	DS
ContrastFlowDuration	18	1047	DS
ContrastFlowRate	18	1046	DS
ContrastFrameAveraging	28	6112	US
ContributingEquipmentSequence	18	A001	SQ
ContributingSopInstancesReferenceSequence	20	9529	SQ
ContributingSourcesSequence	18	9506	SQ
ContributionDateTime	18	A002	DT
ContributionDescription	18	A003	ST
ControlPoint3dPosition	300A	02D4	DS
ControlPointDeliverySequence	3008	40	SQ
ControlPointIndex	300A	112	IS
ControlPointOrientation	300A	412	FL
ControlPointRelativePosition	300A	02D2	DS
ControlPointSequence	300A	111	SQ
ConventionalControlPointVerificationSequence	74	104C	SQ
ConventionalMachineVerificationSequence	74	1044	SQ
ConversionType	8	64	CS
ConvolutionKernel	18	1210	SH
ConvolutionKernelGroup	18	9316	CS
CoordinatesSetGeometricTypeTrialRetired	40	A290	CS
CoordinateStartValueRetired	5000	112	US
CoordinateStepValueRetired	5000	114	US
CoordinateSystemAxesSequence	14	2204	SQ
CoordinateSystemAxisCodeSequenceRetired	40	08DA	SQ
CoordinateSystemAxisDescription	14	2206	ST
CoordinateSystemAxisNumber	14	220A	IS
CoordinateSystemAxisType	14	220C	CS
CoordinateSystemAxisUnits	14	220E	CS
CoordinateSystemAxisValues	14	2210	OB
CoordinateSystemDataSetMapping	14	2208	CS
CoordinateSystemNumberOfAxes	14	2202	IS
CoordinateSystemTransformRotationAndScaleMatrix	14	222A	DS
CoordinateSystemTransformSequence	14	2220	SQ
CoordinateSystemTransformTranslationMatrix	14	222C	DS
CornealSize	46	46	FD
CorrectedImage	28	51	CS

CorrectedLocalizedDeviationFromNormal	24	79	FL
CorrectedLocalizedDeviationFromNormalCalculated	24	78	CS
CorrectedLocalizedDeviationFromNormalProbability	24	81	FL
CorrectedLocalizedDeviationFromNormalProbabilityCalculated	24	80	CS
CorrectedParameterSequence	3008	68	SQ
CorrectionValue	3008	006A	FL
CountLossNormalizationCorrected	18	9764	CS
CountRate	18	1243	IS
CountryOfResidence	10	2150	LO
CountsAccumulated	18	70	IS
CountsIncludedRetired	54	1400	CS
CountsSource	54	1002	CS
CouplingMedium	14	4056	ST
CouplingTechnique	14	4054	ST
CouplingVelocity	14	4057	DS
CoverageOfKSpace	18	9094	CS
CranialThermalIndex	18	5026	DS
CreationDate	2100	40	DA
CreationTime	2100	50	TM
CreatorVersionUid	8	9123	UI
CrystalCenterLocationX	14	4058	DS
CrystalCenterLocationZ	14	4059	DS
CssFontName	70	229	LO
CtAcquisitionDetailsSequence	18	9304	SQ
CtAcquisitionTypeSequence	18	9301	SQ
CtAdditionalXRaySourceSequence	18	9360	SQ
CtdiPhantomTypeCodeSequence	18	9346	SQ
Ctdivol	18	9345	FD
CtExposureSequence	18	9321	SQ
CtGeometrySequence	18	9312	SQ
CtImageFrameTypeSequence	18	9329	SQ
CtPositionSequence	18	9326	SQ
CtReconstructionSequence	18	9314	SQ
CtTableDynamicsSequence	18	9308	SQ
CtXRayDetailsSequence	18	9325	SQ
CumulativeDoseReferenceCoefficient	300A	010C	DS
CumulativeDoseToDoseReference	3008	52	DS
CumulativeMetersetWeight	300A	134	DS
CumulativeTimeWeight	300A	02D6	DS
CurrentFractionNumber	3008	22	IS
CurrentObserverTrialRetired	40	A307	PN
CurrentPatientLocation	38	300	LO
CurrentRequestedProcedureEvidenceSequence	40	A375	SQ
CurrentTreatmentStatus	3008	200	CS
CurvatureType	14	52	CS
CurveActivationLayerRetired	5000	1001	CS
CurveDataDescriptorRetired	5000	110	US

CurveDataRetired	5000	3000	OW
CurveDateRetired	8	25	DA
CurveDescriptionRetired	5000	22	LO
CurveDimensionsRetired	5000	5	US
CurveLabelRetired	5000	2500	LO
CurveNumberRetired	20	24	IS
CurveRangeRetired	5000	106	SH
CurveReferencedOverlayGroupRetired	5000	2610	US
CurveReferencedOverlaySequenceRetired	5000	2600	SQ
CurveTimeRetired	8	35	TM
CustodialOrganizationSequence	40	A07C	SQ
CylinderAxis	22	9	FL
CylinderLensPower	22	8	FL
CylinderPower	46	147	FD
CylinderSequence	46	18	SQ
DacAmplitude	14	403C	DS
DacGainPoints	14	4038	DS
DacSequence	14	4035	SQ
DacTimePoints	14	403A	DS
DacType	14	4036	CS
Damping	14	4028	DS
DarkCurrentCounts	14	3050	OB
DarkCurrentSequence	14	3040	SQ
DataBlockDescriptionRetired	28	701	CS
DataBlockRetired	28	702	AT
DataCollectionCenterPatient	18	9313	FD
DataCollectionDiameter	18	90	DS
DataElementsSigned	400	20	AT
DataFrameAssignmentSequence	28	1401	SQ
DataInformationSequence	54	63	SQ
DataObservationSequence	24	325	SQ
DataPathAssignment	28	1402	CS
DataPathId	28	140E	CS
DataPointColumns	28	9002	UL
DataPointRows	28	9001	UL
DataRepresentation	28	9108	CS
DataSetDescription	24	309	LO
DataSetName	24	306	LO
DataSetSource	24	308	LO
DataSetSubtypeRetired	8	41	LO
DataSetTrailingPadding	FFFC	FFFC	OB
DataSetType	0	800	US
DataSetTypeRetired	8	40	US
DataSetVersion	24	307	LO
DataType	18	9808	CS
DataValueRepresentationRetired	5000	103	US
Date	40	A121	DA

DateOfDocumentOrVerbalTransactionTrialRetired	40	A110	DA
DateOfGainCalibration	14	3076	DA
DateOfLastCalibration	18	1200	DA
DateOfLastDetectorCalibration	18	700C	DA
DateOfSecondaryCapture	18	1012	DA
Datetime	40	A120	DT
DbDt	18	1318	DS
DctLabelRetired	28	700	LO
DeadTimeCorrected	18	9761	CS
DeadTimeCorrectionFlagRetired	54	1401	CS
DeadTimeFactor	54	1324	DS
DecayCorrected	18	9758	CS
DecayCorrection	54	1102	CS
DecayCorrectionDatetime	18	9701	DT
DecayFactor	54	1321	DS
DecimalVisualAcuity	46	137	FD
DecimateCropResult	2020	00A2	CS
DeCoupledNucleus	18	9060	CS
DeCoupling	18	9059	CS
DeCouplingChemicalShiftReference	18	9063	FD
DeCouplingFrequency	18	9061	FD
DeCouplingMethod	18	9062	CS
DefaultMagnificationType	2010	00A6	CS
DefaultPrinterResolutionId	2010	54	CS
DefaultSmoothingType	2010	00A8	CS
DeformableRegistrationGridSequence	64	5	SQ
DeformableRegistrationSequence	64	2	SQ
DegreeOfDilation	22	000E	FL
DegreeOfFreedomId	68	6410	US
DegreeOfFreedomType	68	6420	CS
DeIdentificationMethod	12	63	LO
DeIdentificationMethodCodeSequence	12	64	SQ
DelayLawIdentifier	14	405C	ST
DeletionLock	74	1230	LO
DeliveredChannelTotalTime	3008	134	DS
DeliveredMeterset	3008	44	DS
DeliveredNumberOfPulses	3008	138	IS
DeliveredPrimaryMeterset	3008	36	DS
DeliveredPulseRepetitionInterval	3008	013C	DS
DeliveredSecondaryMeterset	3008	37	DS
DeliveredTreatmentTime	3008	003B	DS
DeliveryMaximumDose	300A	23	DS
DeliveryVerificationImageSequence	74	1030	SQ
DeliveryWarningDose	300A	22	DS
Density	4010	1018	FL
DepthOfScanField	18	5050	IS
DepthOfTransverseImage	22	41	FL

DepthsOfFocus	18	9801	FD
DepthSpatialResolution	22	35	FL
DerivationCodeSequence	8	9215	SQ
DerivationDescription	8	2111	ST
DerivationImageSequence	8	9124	SQ
DerivationImplantAssemblyTemplateSequence	76	000E	SQ
DerivationImplantTemplateSequence	68	6224	SQ
DestinationAeRetired	2100	140	AE
DetailsOfCoefficientsRetired	28	404	AT
DetectorActivationOffsetFromExposure	18	7016	DS
DetectorActiveDimensions	18	7026	DS
DetectorActiveOrigin	18	7028	DS
DetectorActiveShape	18	7024	CS
DetectorActiveTime	18	7014	DS
DetectorBinning	18	701A	DS
DetectorCalibrationData	4010	106C	OB
DetectorConditionsNominalFlag	18	7000	CS
DetectorConfiguration	18	7005	CS
DetectorDescription	18	7006	LT
DetectorElementPhysicalSize	18	7020	DS
DetectorElementSize	54	1203	DS
DetectorElementSpacing	18	7022	DS
DetectorGeometry	18	9725	CS
DetectorGeometrySequence	4010	4	SQ
DetectorId	18	700A	SH
DetectorInformationSequence	54	22	SQ
DetectorLinesOfResponseUsed	54	1104	LO
DetectorManufacturerName	18	702A	LO
DetectorManufacturersModelName	18	702B	LO
DetectorMode	18	7008	LT
DetectorNormalizationCorrection	18	9768	CS
DetectorPrimaryAngle	18	1530	DS
DetectorSecondaryAngle	18	1531	DS
DetectorTemperature	18	7001	DS
DetectorTemperatureSequence	14	3020	SQ
DetectorTimeSinceLastExposure	18	7012	DS
DetectorType	18	7004	CS
DetectorVector	54	20	US
DeviationIndex	18	1413	DS
DeviceDescription	50	20	LO
DeviceDiameter	50	16	DS
DeviceDiameterUnits	50	17	CS
DeviceId	18	1003	LO
DeviceLength	50	14	DS
DeviceSequence	50	10	SQ
DeviceSerialNumber	18	1000	LO
DeviceUid	18	1002	UI

DeviceVolume	50	18	DS
DiameterOfVisibility	70	262	FL
DiaphragmPosition	3002	34	DS
DicomMediaRetrievalSequence	40	E022	SQ
DicomRetrievalSequence	40	E021	SQ
DicosVersion	4010	103A	CS
DiffusionAnisotropyType	18	9147	CS
DiffusionBMatrixSequence	18	9601	SQ
DiffusionBValue	18	9087	FD
DiffusionBValueXx	18	9602	FD
DiffusionBValueXy	18	9603	FD
DiffusionBValueXz	18	9604	FD
DiffusionBValueYy	18	9605	FD
DiffusionBValueYz	18	9606	FD
DiffusionBValueZz	18	9607	FD
DiffusionDirectionality	18	9075	CS
DiffusionGradientDirectionSequence	18	9076	SQ
DiffusionGradientOrientation	18	9089	FD
DigitalImageFormatAcquired	18	1023	LO
DigitalSignatureDatetime	400	105	DT
DigitalSignaturePurposeCodeSequence	400	401	SQ
DigitalSignaturesSequence	FFFA	FFFA	SQ
DigitalSignatureUid	400	100	UI
DigitizingDeviceTransportDirection	18	2020	CS
DimensionDescriptionLabel	20	9421	LO
DimensionIndexPointer	20	9165	AT
DimensionIndexPrivateCreator	20	9213	LO
DimensionIndexSequence	20	9222	SQ
DimensionIndexValues	20	9157	UL
DimensionOrganizationSequence	20	9221	SQ
DimensionOrganizationType	20	9311	CS
DimensionOrganizationUid	20	9164	UI
DirectoryRecordSequence	4	1220	SQ
DirectoryRecordType	4	1430	CS
DischargeDateRetired	38	30	DA
DischargeDiagnosisCodeSequenceRetired	38	44	SQ
DischargeDiagnosisDescriptionRetired	38	40	LO
DischargeTimeRetired	38	32	TM
DisplayedAreaBottomRightHandCorner	70	53	SL
DisplayedAreaBottomRightHandCornerTrialRetired	70	51	US
DisplayedAreaSelectionSequence	70	005A	SQ
DisplayedAreaTopLeftHandCorner	70	52	SL
DisplayedAreaTopLeftHandCornerTrialRetired	70	50	US
DisplayEnvironmentSpatialPosition	72	108	FD
DisplayFilterPercentage	28	9411	FL
DisplaySetHorizontalJustification	72	717	CS
DisplaySetLabel	72	203	LO

DisplaySetNumber		72	202	US
DisplaySetPatientOrientation		72	700	CS
DisplaySetPresentationGroup		72	204	US
DisplaySetPresentationGroupDescription		72	206	LO
DisplaySetScrollingGroup		72	212	US
DisplaySetsSequence		72	200	SQ
DisplaySetVerticalJustification		72	718	CS
DisplayShadingFlag	003A		246	CS
DisplayWindowLabelVector		18	2006	SH
DistanceBetweenFocalPlanes		48	14	FL
DistanceObjectToTableTop		18	9403	FL
DistancePupillaryDistance		46	60	FD
DistanceReceptorPlaneToDetectorHousing		18	9426	FL
DistanceSourceToDataCollectionCenter		18	9335	FD
DistanceSourceToDetector		18	1110	DS
DistanceSourceToEntrance		40	306	DS
DistanceSourceToIsocenter		18	9402	FL
DistanceSourceToPatient		18	1111	DS
DistanceSourceToSupportRetired		40	307	DS
DistributionAddressRetired		4008	011A	LO
DistributionNameRetired		4008	119	PN
DistributionType		12	84	CS
DocumentAuthorIdentifierCodeSequenceTrialRetired		40	A068	SQ
DocumentAuthorTrialRetired		40	A067	PN
DocumentClassCodeSequence		40	E008	SQ
DocumentIdentifierCodeSequenceTrialRetired		40	A066	SQ
DocumentingObserverIdentifierCodeSequenceTrialRetired		40	A076	SQ
DocumentingOrganizationIdentifierCodeSequenceTrialRetired		40	A028	SQ
DocumentTitle		42	10	ST
DopplerCorrectionAngle		18	6034	FD
DopplerSampleVolumeXPosition		18	6039	SL
DopplerSampleVolumeXPositionRetired		18	6038	UL
DopplerSampleVolumeYPosition		18	603B	SL
DopplerSampleVolumeYPositionRetired		18	603A	UL
DoseCalibrationFactor		54	1322	DS
DoseComment		3004	6	LO
DoseGridScaling		3004	000E	DS
DoseRateDelivered		3008	48	DS
DoseRateSet	300A		115	DS
DoseReferenceDescription	300A		16	LO
DoseReferenceNumber	300A		12	IS
DoseReferencePointCoordinates	300A		18	DS
DoseReferenceSequence	300A		10	SQ
DoseReferenceStructureType	300A		14	CS
DoseReferenceType	300A		20	CS
DoseReferenceUid	300A		13	UI
DoseSummationType		3004	000A	CS

DoseType	3004	4	CS
DoseUnits	3004	2	CS
DoseValue	3004	12	DS
DoubleExposureFieldDelta	74	133A	FD
DoubleExposureFieldDeltaTrialRetired	74	103A	DS
DoubleExposureFlag	74	1034	CS
DoubleExposureMeterset	74	1338	FD
DoubleExposureMetersetTrialRetired	74	1038	DS
DoubleExposureOrdering	74	1036	CS
DvhData	3004	58	DS
DvhDoseScaling	3004	52	DS
DvhMaximumDose	3004	72	DS
DvhMeanDose	3004	74	DS
DvhMinimumDose	3004	70	DS
DvhNormalizationDoseValue	3004	42	DS
DvhNormalizationPoint	3004	40	DS
DvhNumberOfBins	3004	56	IS
DvhReferencedRoiSequence	3004	60	SQ
DvhRoiContributionType	3004	62	CS
DvhSequence	3004	50	SQ
DvhType	3004	1	CS
DvhVolumeUnits	3004	54	CS
DynamicRangeRetired	18	5030	DS
EchoNumbers	18	86	IS
EchoPlanarPulseSequence	18	9018	CS
EchoPulseSequence	18	9008	CS
EchoTime	18	81	DS
EchoTrainLength	18	91	IS
EdgePointIndexList	66	24	OW
EffectiveDatetime	68	6226	DT
EffectiveDuration	18	72	DS
EffectiveEchoTime	18	9082	FD
EffectiveRefractiveIndex	52	4	FD
ElementDimensionA	14	4014	DS
ElementDimensionB	14	4015	DS
ElementPitch	14	4016	DS
ElementShape	14	4013	CS
EmmetropicMagnification	22	000A	FL
EmptyImageBoxCielabValue	72	421	US
EmptyImageDensity	2010	110	CS
EncapsulatedDocument	42	11	OB
EncryptedAttributesSequence	400	500	SQ
EncryptedContent	400	520	OB
EncryptedContentTransferSyntaxUid	400	510	UI
EndAcquisitionDatetime	18	9517	DT
EndCumulativeMetersetWeight	300C	9	DS
EndingRespiratoryAmplitude	20	9248	FL

EndingRespiratoryPhase	20	9249	CS
EndMeterset	3008	007A	DS
EnergyWeightingFactor	18	9353	FL
EnergyWindowCenterlineRetired	18	32	DS
EnergyWindowInformationSequence	54	12	SQ
EnergyWindowLowerLimit	54	14	DS
EnergyWindowName	54	18	SH
EnergyWindowNumber	54	308	US
EnergyWindowRangeSequence	54	13	SQ
EnergyWindowTotalWidthRetired	18	33	DS
EnergyWindowUpperLimit	54	15	DS
EnergyWindowVector	54	10	US
EnhancedPaletteColorLookupTableSequence	28	140B	SQ
EntranceDose	40	302	US
EntranceDoseInMgy	40	8302	DS
EnvironmentalConditions	14	1040	ST
EquipmentCoordinateSystemIdentification	28	9537	CS
EquivalentCdaDocumentSequenceRetired	40	A090	SQ
ErrorComment	0	902	LO
ErrorId	0	903	US
EstimatedDoseSaving	18	9324	FD
EstimatedRadiographicMagnificationFactor	18	1114	DS
EthnicGroup	10	2160	SH
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EvaluatorName	14	2006	PN
EvaluatorNumber	14	2004	IS
EvaluatorSequence	14	2002	SQ
EventCodeSequence	8	2135	SQ
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EventTimeOffset	8	2134	FD
EventTimerNames	8	2132	LO
EventTimerSequence	8	2133	SQ
EventTypeld	0	1002	US
ExaminedBodyThickness	10	9431	FL
ExcessiveFalseNegatives	24	52	CS
ExcessiveFalseNegativesDataFlag	24	51	CS
ExcessiveFalsePositives	24	62	CS
ExcessiveFalsePositivesDataFlag	24	61	CS
ExcessiveFixationLosses	24	40	CS
ExcessiveFixationLossesDataFlag	24	39	CS
ExcitationFrequency	14	4024	DS
ExcludedIntervalsSequence	18	9803	SQ
ExclusionDuration	18	9805	FD
ExclusionStartDatetime	18	9804	DT
ExclusiveComponentType	76	36	CS
ExecutionStatus	2100	20	CS
ExecutionStatusInfo	2100	30	CS

ExpectedCompletionDateTime	40	4011	DT
ExpiryDate	14	1020	DA
ExposedArea	40	303	US
Exposure	18	1152	IS
ExposureControlMode	18	7060	CS
ExposureControlModeDescription	18	7062	LT
ExposureControlSensingRegionLeftVerticalEdge	18	9436	SS
ExposureControlSensingRegionLowerHorizontalEdge	18	9439	SS
ExposureControlSensingRegionRightVerticalEdge	18	9437	SS
ExposureControlSensingRegionShape	18	9435	CS
ExposureControlSensingRegionsSequence	18	9434	SQ
ExposureControlSensingRegionUpperHorizontalEdge	18	9438	SS
ExposureDoseSequence	40	030E	SQ
ExposureIndex	18	1411	DS
ExposureInMas	18	9332	FD
ExposureInUas	18	1153	IS
ExposureModulationType	18	9323	CS
ExposureSequence	3002	30	SQ
ExposuresOnDetectorSinceLastCalibration	18	7010	IS
ExposuresOnDetectorSinceManufactured	18	7011	IS
ExposuresOnPlate	18	1404	US
ExposureStatus	18	7064	CS
ExposureTime	18	1150	IS
ExposureTimeInMs	18	9328	FD
ExposureTimeInUs	18	8150	DS
ExtendedDepthOfField	48	12	CS
FacetSequence	66	34	SQ
FailedAttributesSequence	74	1048	SQ
FailedSopInstanceUidList	8	58	UI
FailedSopSequence	8	1198	SQ
FailureAttributes	2200	000E	AT
FailureReason	8	1197	US
FalseNegativesEstimate	24	46	FL
FalseNegativesEstimateFlag	24	45	CS
FalseNegativesQuantity	24	50	US
FalsePositivesEstimate	24	54	FL
FalsePositivesEstimateFlag	24	53	CS
FalsePositivesQuantity	24	60	US
FiducialDescription	70	030F	ST
FiducialIdentifier	70	310	SH
FiducialIdentifierCodeSequence	70	311	SQ
FiducialSequence	70	031E	SQ
FiducialSetSequence	70	031C	SQ
FiducialUid	70	031A	UI
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FieldOfViewDimensions	18	1149	IS
FieldOfViewDimensionsInFloat	18	9461	FL

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FieldOfViewOrigin	18	7030	DS
FieldOfViewRotation	18	7032	DS
FieldOfViewSequence	18	9432	SQ
FieldOfViewShape	18	1147	CS
FileMetaInformationGroupLength	2	0	UL
FileMetaInformationVersion	2	1	OB
FileSetConsistencyFlag	4	1212	US
FileSetDescriptorFileId	4	1141	CS
FileSetId	4	1130	CS
FillerOrderNumberImagingServiceRequest	40	2017	LO
FillerOrderNumberImagingServiceRequestRetired	40	2007	SH
FillerOrderNumberProcedureRetired	40	1007	SH
FillMode	70	257	CS
FillPattern	70	256	OB
FillStyleSequence	70	233	SQ
FilmBoxContentSequenceRetired	2130	30	SQ
FilmConsumptionSequence	40	321	SQ
FilmDestination	2000	40	CS
FilmOrientation	2010	40	CS
FilmSessionLabel	2000	50	LO
FilmSizeId	2010	50	CS
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FilterBeamPathLengthMinimum	18	7056	FL
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FilterByCategory	72	402	CS
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FilterLowFrequency	003A	220	DS
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FilterMaterialUsedInGainCalibration	14	3074	LO
FilterOperationsSequence	72	400	SQ
FilterThicknessMaximum	18	7054	DS
FilterThicknessMinimum	18	7052	DS
FilterThicknessUsedInGainCalibration	14	3075	DS
FilterType	18	1160	SH
FinalCumulativeMetersetWeight	300A	010E	DS
FinalCumulativeTimeWeight	300A	02C8	DS
FindingsFlagTrialRetired	40	A007	CS
FindingsGroupRecordingDateTrialRetired	40	A023	DA
FindingsGroupRecordingTimeTrialRetired	40	A024	TM
FindingsGroupUidTrialRetired	40	A021	UI
FindingsSequenceTrialRetired	40	A020	SQ
FindingsSourceCategoryCodeSequenceTrialRetired	40	A026	SQ
FiniteVolume	66	000E	CS
FirstAlineLocation	52	34	FD
FirstOrderPhaseCorrection	18	9198	CS

FirstOrderPhaseCorrectionAngle	5600	10	OF
FirstTreatmentDate	3008	54	DA
FixationCheckedQuantity	24	35	US
FixationDeviceDescription	300A	196	ST
FixationDeviceLabel	300A	194	SH
FixationDevicePitchAngle	300A	199	FL
FixationDevicePosition	300A	198	SH
FixationDeviceRollAngle	300A	019A	FL
FixationDeviceSequence	300A	190	SQ
FixationDeviceType	300A	192	CS
FixationLightAzimuthalAngle	300A	356	FL
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FixationMethodCodeSequence	68	63AC	SQ
FixationMonitoringCodeSequence	24	33	SQ
FixationSequence	24	32	SQ
FlatKeratometricAxisSequence	46	80	SQ
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FluenceDataScale	3002	42	DS
FluenceDataSource	3002	41	CS
FluenceMapSequence	3002	40	SQ
FluenceMode	3002	51	CS
FluenceModelId	3002	52	SH
FluoroscopyFlag	18	9334	CS
FocalDistance	18	1182	IS
FocalSpots	18	1190	DS
FocusDepth	18	5012	DS
FocusMethod	48	11	CS
FontName	70	227	LO
FontNameType	70	228	CS
FovealPointNormativeDataFlag	24	117	CS
FovealPointProbabilityValue	24	118	FL
FovealSensitivity	24	87	FL
FovealSensitivityMeasured	24	86	CS
FractionalChannelDisplayScale	003A	247	FL
FractionGroupDescription	300A	72	LO
FractionGroupNumber	300A	71	IS
FractionGroupSequence	300A	70	SQ
FractionGroupSummarySequence	3008	220	SQ
FractionGroupType	3008	224	CS
FractionNumber	3002	29	IS
FractionPattern	300A	007B	LT
FractionStatusSummarySequence	3008	240	SQ
FrameAcquisitionDatetime	18	9074	DT
FrameAcquisitionDuration	18	9220	FD
FrameAcquisitionNumber	20	9156	US

FrameAcquisitionSequence	18	9417	SQ
FrameAnatomySequence	20	9071	SQ
FrameComments	20	9158	LT
FrameContentSequence	20	9111	SQ
FrameDelay	18	1066	DS
FrameDetectorParametersSequence	18	9451	SQ
FrameDimensionPointer	28	000A	AT
FrameDisplaySequence	8	9458	SQ
FrameDisplayShutterSequence	18	9472	SQ
FrameExtractionSequence	8	1164	SQ
FrameIncrementPointer	28	9	AT
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FrameLabelVector	18	2002	SH
FrameLaterality	20	9072	CS
FrameNumbersOfInterestFoi	28	6020	US
FrameOfInterestDescription	28	6022	LO
FrameOfInterestType	28	6023	CS
FrameOfReferenceRelationshipSequence	3006	00C0	SQ
FrameOfReferenceTransformationComment	3006	00C8	LO
FrameOfReferenceTransformationMatrix	3006	00C6	DS
FrameOfReferenceTransformationMatrixType	70	030C	CS
FrameOfReferenceTransformationType	3006	00C4	CS
FrameOfReferenceUid	20	52	UI
FramePixelDataPropertiesSequence	28	9443	SQ
FramePixelShiftSequence	28	9415	SQ
FramePrimaryAngleVector	18	2003	DS
FrameReferenceDatetime	18	9151	DT
FrameReferenceTime	54	1300	DS
FrameSecondaryAngleVector	18	2004	DS
FrameTime	18	1063	DS
FrameTimeVector	18	1065	DS
FrameType	8	9007	CS
FrameVoiLutSequence	28	9132	SQ
FrequencyCorrection	18	9101	CS
FunctionalGroupPointer	20	9167	AT
FunctionalGroupPrivateCreator	20	9238	LO
GainCorrectionReferenceSequence	14	3060	SQ
GantryAngle	300A	011E	DS
GantryAngleTolerance	300A	44	DS
GantryDetectorSlew	18	1121	DS
GantryDetectorTilt	18	1120	DS
GantryId	18	1008	LO
GantryMotionCorrected	18	9762	CS
GantryPitchAngle	300A	014A	FL
GantryPitchAngleTolerance	300A	014E	FL
GantryPitchRotationDirection	300A	014C	CS
GantryRotationDirection	300A	011F	CS

GantryType	4010	1008	CS
GapLength	70	261	FL
GatedInformationSequence	54	62	SQ
GateSettingsSequence	14	4060	SQ
GateThreshold	14	4062	DS
GeneralAccessoryDescription	300A	422	ST
GeneralAccessoryId	300A	421	SH
GeneralAccessoryNumber	300A	424	IS
GeneralAccessorySequence	300A	420	SQ
GeneralAccessoryType	300A	423	CS
GeneralizedDefectCorrectedSensitivityDeviationFlag	24	102	CS
GeneralizedDefectCorrectedSensitivityDeviationProbabilityValue	24	104	FL
GeneralizedDefectCorrectedSensitivityDeviationValue	24	103	FL
GeneralizedDefectSensitivityDeviationAlgorithmSequence	24	67	SQ
GeneralMachineVerificationSequence	74	1042	SQ
GeneralPurposePerformedProcedureStepStatus	40	4002	CS
GeneralPurposeScheduledProcedureStepPriority	40	4003	CS
GeneralPurposeScheduledProcedureStepStatus	40	4001	CS
GeneratorId	18	1005	LO
GeneratorPower	18	1170	IS
GeometricalProperties	28	9444	CS
GeometricMaximumDistortion	28	9445	FL
GeometryOfKSpaceTraversal	18	9032	CS
GlobalDeviationFromNormal	24	66	FL
GlobalDeviationProbability	24	71	FL
GlobalDeviationProbabilityNormalsFlag	24	59	CS
GlobalDeviationProbabilitySequence	24	83	SQ
GradientEchoTrainLength	18	9241	US
GradientOutput	18	9182	FD
GradientOutputType	18	9180	CS
GraphicAnnotationSequence	70	1	SQ
GraphicAnnotationUnits	70	5	CS
GraphicCoordinatesDataSequence	70	318	SQ
GraphicData	70	22	FL
GraphicDimensions	70	20	US
GraphicFilled	70	24	CS
GraphicGroupDescription	70	208	ST
GraphicGroupId	70	295	UL
GraphicGroupLabel	70	207	LO
GraphicGroupSequence	70	234	SQ
GraphicLayer	70	2	CS
GraphicLayerDescription	70	68	LO
GraphicLayerOrder	70	62	IS
GraphicLayerRecommendedDisplayCielabValue	70	401	US
GraphicLayerRecommendedDisplayGrayscaleValue	70	66	US
GraphicLayerRecommendedDisplayRgbValueRetired	70	67	US
GraphicLayerSequence	70	60	SQ

GraphicObjectSequence	70	9	SQ
GraphicType	70	23	CS
GrayLookupTableDataRetired	28	1200	US
GrayLookupTableDescriptorRetired	28	1100	US
GrayScaleRetired	28	1080	CS
GreenPaletteColorLookupTableData	28	1202	OW
GreenPaletteColorLookupTableDescriptor	28	1102	US
Grid	18	1166	CS
GridAbsorbingMaterial	18	7040	LT
GridAspectRatio	18	7046	IS
GridDimensions	64	7	UL
GridFocalDistance	18	704C	DS
GridFrameOffsetVector	3004	000C	DS
GridId	18	1006	LO
GridPeriod	18	7048	DS
GridPitch	18	7044	DS
GridResolution	64	8	FD
GridSpacingMaterial	18	7041	LT
GridThickness	18	7042	DS
HalfValueLayer	40	314	DS
HangingProtocolCreationDatetime	72	000A	DT
HangingProtocolCreator	72	8	LO
HangingProtocolDefinitionSequence	72	000C	SQ
HangingProtocolDescription	72	4	LO
HangingProtocolLevel	72	6	CS
HangingProtocolName	72	2	SH
HangingProtocolUserGroupName	72	10	LO
HangingProtocolUserIdentificationCodeSequence	72	000E	SQ
HardcopyCreationDeviceIdRetired	18	1011	LO
HardcopyDeviceManufacturerRetired	18	1017	LO
HardcopyDeviceManufacturersModelNameRetired	18	101B	LO
HardcopyDeviceSoftwareVersionRetired	18	101A	LO
HeadFixationAngle	300A	148	FL
HeartRate	18	1088	IS
HighBit	28	102	US
HighDoseTechniqueType	300A	00C7	CS
HighEnergyDetectors	4010	2	CS
HighRRValue	18	1082	IS
HistogramBinWidth	60	3008	US
HistogramData	60	3020	UL
HistogramExplanation	60	3010	LO
HistogramFirstBinValue	60	3004	US
HistogramLastBinValue	60	3006	US
HistogramNumberOfBins	60	3002	US
HistogramSequence	60	3000	SQ
HI7DocumentEffectiveTime	40	E004	DT
HI7DocumentTypeCodeSequence	40	E006	SQ

HI7InstanceIdentifier	40	E001	ST
HI7StructuredDocumentReferenceSequence	40	A390	SQ
HomeCommunityId	40	E031	UI
HorizontalAlignment	70	242	CS
HorizontalFieldOfView	22	000C	FL
HorizontalOffsetOfSensor	14	3024	DS
HorizontalPrismBase	46	32	CS
HorizontalPrismPower	46	30	FD
HpglContourPenNumber	68	6310	US
HpglDocument	68	6300	OB
HpglDocumentId	68	62D0	US
HpglDocumentLabel	68	62D5	LO
HpglDocumentScaling	68	62F2	FD
HpglDocumentSequence	68	62C0	SQ
HpglPenDescription	68	6345	ST
HpglPenLabel	68	6340	LO
HpglPenNumber	68	6330	US
HpglPenSequence	68	6320	SQ
HumanPerformerCodeSequence	40	4009	SQ
HumanPerformersName	40	4037	PN
HumanPerformersOrganization	40	4036	LO
IccProfile	28	2000	OB
IconImageSequence	88	200	SQ
IdenticalDocumentsSequence	40	A525	SQ
IdentificationDescriptionTrialRetired	40	A224	ST
IdentifierCodeSequenceTrialRetired	40	A070	SQ
IdentifierTypeCode	40	35	CS
IdentifyingCommentsRetired	8	4000	LT
Illumination	2010	015E	US
IlluminationBandwidth	22	57	FL
IlluminationColorCodeSequence	48	108	SQ
IlluminationPower	22	56	FL
IlluminationTypeCodeSequence	22	16	SQ
IlluminationWaveLength	22	55	FL
IlluminatorTypeCodeSequence	48	100	SQ
ImageAndFluoroscopyAreaDoseProduct	18	115E	DS
ImageBoxContentSequenceRetired	2130	40	SQ
ImageBoxesSequence	72	300	SQ
ImageBoxLargeScrollAmount	72	318	US
ImageBoxLargeScrollType	72	316	CS
ImageBoxLayoutType	72	304	CS
ImageBoxNumber	72	302	US
ImageBoxOverlapPriority	72	320	US
ImageBoxPosition	2020	10	US
ImageBoxPresentationLutFlagRetired	2000	006A	CS
ImageBoxScrollDirection	72	310	CS
ImageBoxSmallScrollAmount	72	314	US

ImageBoxSmallScrollType	72	312	CS
ImageBoxSynchronizationSequence	72	430	SQ
ImageBoxTileHorizontalDimension	72	306	US
ImageBoxTileVerticalDimension	72	308	US
ImageCenterPointCoordinatesSequence	40	071A	SQ
ImageComments	20	4000	LT
ImageDataTypeSequence	18	9807	SQ
ImageDimensionsRetired	28	5	US
ImageDisplayFormat	2010	10	ST
ImagedNucleus	18	85	SH
ImagedVolumeDepth	48	3	FL
ImagedVolumeHeight	48	2	FL
ImagedVolumeWidth	48	1	FL
ImageFilter	18	9320	SH
ImageFormatRetired	28	40	CS
ImageFrameOrigin	6000	51	US
ImageGeometryTypeRetired	20	70	LO
ImageHorizontalFlip	70	41	CS
ImageId	54	400	SH
ImageIndex	54	1330	US
ImageLaterality	20	62	CS
ImageLocationRetired	28	200	US
ImageOrientationPatient	20	37	DS
ImageOrientationRetired	20	35	DS
ImageOrientationSlide	48	102	DS
ImageOrientationVolume	20	9302	FD
ImageOverlayBoxContentSequenceRetired	2130	60	SQ
ImageOverlayFlagRetired	2000	67	CS
ImagePathFilterPassBand	22	4	US
ImagePathFilterPassThroughWavelength	22	3	US
ImagePathFilterTypeStackCodeSequence	22	18	SQ
ImagePlanePixelSpacing	3002	11	DS
ImagePositionPatient	20	32	DS
ImagePositionRetired	20	30	DS
ImagePositionVolume	20	9301	FD
ImagePresentationCommentsRetired	28	4000	LT
ImageProcessingApplied	28	9446	CS
ImageRotation	70	42	US
ImageRotationRetired	70	40	IS
ImagerPixelSpacing	18	1164	DS
ImageSetLabel	72	40	LO
ImageSetNumber	72	32	US
ImageSetSelectorCategory	72	34	CS
ImageSetSelectorSequence	72	22	SQ
ImageSetSelectorUsageFlag	72	24	CS
ImageSetsSequence	72	20	SQ
ImagesInAcquisition	20	1002	IS

ImagesInSeriesRetired		20	1003	IS
ImagesInStudyRetired		20	1005	IS
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ImageTransformationMatrixRetired		18	5210	DS
ImageTranslationVectorRetired		18	5212	DS
ImageTriggerDelay		18	1067	DS
ImageType		8	8	CS
ImagingDeviceSpecificAcquisitionParameters	300A		00CC	LO
ImagingFrequency		18	84	DS
ImagingServiceRequestComments		40	2400	LT
ImplantAssemblyTemplateIssuer		76	3	LO
ImplantAssemblyTemplateName		76	1	LO
ImplantAssemblyTemplateTargetAnatomySequence		76	10	SQ
ImplantAssemblyTemplateType		76	000A	CS
ImplantAssemblyTemplateVersion		76	6	LO
ImplantRegulatoryDisapprovalCodeSequence		68	62A0	SQ
ImplantSize		68	6210	LO
ImplantTargetAnatomySequence		68	6230	SQ
ImplantTemplate3dModelSurfaceNumber		68	6350	US
ImplantTemplateGroupDescription		78	10	ST
ImplantTemplateGroupIssuer		78	20	LO
ImplantTemplateGroupMemberId		78	002E	US
ImplantTemplateGroupMemberMatching2dCoordinatesSequence		78	70	SQ
ImplantTemplateGroupMembersSequence		78	002A	SQ
ImplantTemplateGroupName		78	1	LO
ImplantTemplateGroupTargetAnatomySequence		78	28	SQ
ImplantTemplateGroupVariationDimensionName		78	00B2	LO
ImplantTemplateGroupVariationDimensionRank		78	00B8	US
ImplantTemplateGroupVariationDimensionRankSequence		78	00B4	SQ
ImplantTemplateGroupVariationDimensionSequence		78	00B0	SQ
ImplantTemplateGroupVersion		78	24	LO
ImplantTemplateVersion		68	6221	LO
ImplantType		68	6223	CS
ImplantTypeCodeSequence		68	63A8	SQ
ImplementationClassUid		2	12	UI
ImplementationVersionName		2	13	SH
ImpressionsRetired		4008	300	ST
InboundArrivalType		4010	1056	CS
IncidentAngle		14	4052	DS
IncludeDisplayApplication		2200	9	CS
IncludeNonDicomObjects		2200	8	CS
InConcatenationNumber		20	9162	US
InConcatenationTotalNumber		20	9163	US
IndexNormalsFlag		24	338	CS
IndexProbability		24	341	FL
IndexProbabilitySequence		24	344	SQ
IndicationDescription		14	2018	ST

IndicationDisposition	14	201C	CS
IndicationLabel	14	2016	SH
IndicationNumber	14	2014	IS
IndicationPhysicalPropertySequence	14	2030	SQ
IndicationRoiSequence	14	201E	SQ
IndicationSequence	14	2012	SQ
IndicationType	14	201A	CS
InformationFromManufacturerSequence	68	6260	SQ
InformationIssueDatetime	68	6270	DT
InformationSummary	68	6280	ST
InitialCineRunState	18	42	CS
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InPlanePhaseEncodingDirection	18	1312	CS
InputAvailabilityFlag	40	4020	CS
InputInformationSequence	40	4021	SQ
InputReadinessState	40	4041	CS
InStackPositionNumber	20	9057	UL
InstanceAvailability	8	56	CS
InstanceCreationDate	8	12	DA
InstanceCreationTime	8	13	TM
InstanceCreatorUid	8	14	UI
InstanceNumber	20	13	IS
InstitutionAddress	8	81	ST
InstitutionalDepartmentName	8	1040	LO
InstitutionCodeSequence	8	82	SQ
InstitutionName	8	80	LO
InsurancePlanIdentificationRetired	10	1050	LO
IntendedRecipientsOfResultsIdentificationSequence	40	1011	SQ
IntensifierActiveDimensions	18	9428	FL
IntensifierActiveShape	18	9427	CS
IntensifierSize	18	1162	DS
InterMarkerDistance	50	19	DS
IntermediatePupillaryDistance	46	63	FD
InternalDetectorFrameTime	14	3011	DS
InternationalRouteSegment	4010	1028	CS
InterpolationType	52	39	CS
InterpretationApprovalDateRetired	4008	112	DA
InterpretationApprovalTimeRetired	4008	113	TM
InterpretationApproverSequenceRetired	4008	111	SQ
InterpretationAuthorRetired	4008	010C	PN
InterpretationDiagnosisCodeSequenceRetired	4008	117	SQ
InterpretationDiagnosisDescriptionRetired	4008	115	LT
InterpretationIdIssuerRetired	4008	202	LO
InterpretationIdRetired	4008	200	SH
InterpretationRecordedDateRetired	4008	100	DA
InterpretationRecordedTimeRetired	4008	101	TM
InterpretationRecorderRetired	4008	102	PN

InterpretationStatusIdRetired	4008	212	CS
InterpretationTextRetired	4008	010B	ST
InterpretationTranscriberRetired	4008	010A	PN
InterpretationTranscriptionDateRetired	4008	108	DA
InterpretationTranscriptionTimeRetired	4008	109	TM
InterpretationTypeIdRetired	4008	210	CS
IntervalNumberRetired	20	16	IS
IntervalsAcquired	18	1083	IS
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InterventionDescription	18	003A	ST
InterventionDrugCodeSequence	18	29	SQ
InterventionDrugDose	18	28	DS
InterventionDrugInformationSequence	18	26	SQ
InterventionDrugName	18	34	LO
InterventionDrugStartTime	18	35	TM
InterventionDrugStopTime	18	27	TM
InterventionSequence	18	36	SQ
InterventionStatus	18	38	CS
IntraocularLensCalculationsLeftEyeSequence	22	1310	SQ
IntraocularLensCalculationsRightEyeSequence	22	1300	SQ
IntraOcularPressure	22	000B	FL
IntravascularFrameContentSequence	52	27	SQ
IntravascularLongitudinalDistance	52	28	FD
IntravascularOctFrameContentSequence	52	29	SQ
IntravascularOctFrameTypeSequence	52	25	SQ
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IolFormulaCodeSequence	22	1028	SQ
IolFormulaDetail	22	1029	LO
IolManufacturer	22	1093	LO
IolPower	22	1053	FL
IolPowerForExactEmmetropia	22	1121	FL
IolPowerForExactTargetRefraction	22	1122	FL
IolPowerSequence	22	1090	SQ
IonBeamLimitingDeviceSequence	300A	03A4	SQ
IonBeamSequence	300A	03A2	SQ
IonBlockSequence	300A	03A6	SQ
IonControlPointDeliverySequence	3008	41	SQ
IonControlPointSequence	300A	03A8	SQ
IonControlPointVerificationSequence	74	104E	SQ
IonMachineVerificationSequence	74	1046	SQ
IonRangeCompensatorSequence	300A	02EA	SQ
IonToleranceTableSequence	300A	03A0	SQ
IonWedgePositionSequence	300A	03AC	SQ
IonWedgeSequence	300A	03AA	SQ
IrradiationEventIdentificationSequence	18	9477	SQ

IrradiationEventUid	8	3010	UI
IsocenterPosition	300A	012C	DS
IsocenterReferenceSystemSequence	18	9462	SQ
IsocenterToBeamLimitingDeviceDistance	300A	00BB	FL
IsocenterToBlockTrayDistance	300A	00F7	FL
IsocenterToCompensatorDistances	300A	2.00E+06	FL
IsocenterToCompensatorTrayDistance	300A	2.00E+04	FL
IsocenterToLateralSpreadingDeviceDistance	300A	374	FL
IsocenterToRangeModulatorDistance	300A	038A	FL
IsocenterToRangeShifterDistance	300A	364	FL
IsocenterToWedgeTrayDistance	300A	00D9	FL
IsotopeNumberRetired	20	14	IS
IssueDateOfImagingServiceRequest	40	2004	DA
IssuerOfAccessionNumberSequence	8	51	SQ
IssuerOfAdmissionIdRetired	38	11	LO
IssuerOfAdmissionIdSequence	38	14	SQ
IssuerOfPatientId	10	21	LO
IssuerOfPatientIdQualifiersSequence	10	24	SQ
IssuerOfServiceEpisodeIdRetired	38	61	LO
IssuerOfServiceEpisodeIdSequence	38	64	SQ
IssuerOfTheContainerIdentifierSequence	40	513	SQ
IssuerOfTheSpecimenIdentifierSequence	40	562	SQ
IssueTimeOfImagingServiceRequest	40	2005	TM
Italic	70	250	CS
ItemNumber	20	19	IS
IterativeReconstructionMethod	18	9769	CS
ItineraryId	4010	1051	LO
ItineraryIdAssigningAuthority	4010	1053	LO
ItineraryIdType	4010	1052	SH
IvusAcquisition	18	3100	CS
IvusGatedRate	18	3102	DS
IvusPullbackRate	18	3101	DS
IvusPullbackStartFrameNumber	18	3103	IS
IvusPullbackStopFrameNumber	18	3104	IS
KeratometerIndex	22	1033	FL
KeratometricAxis	46	77	FD
KeratometricPower	46	76	FD
KeratometryLeftEyeSequence	46	71	SQ
KeratometryMeasurementTypeCodeSequence	22	1096	SQ
KeratometryRightEyeSequence	46	70	SQ
KSpaceFiltering	18	9064	CS
Kvp	18	60	DS
KvUsedInGainCalibration	14	3071	DS
LabelStyleSelection	2200	3	CS
LabelText	2200	2	UT
LabelUsingInformationExtractedFromInstances	2200	1	CS
LanguageCodeSequence	8	6	SQ

LanguageCodeSequenceTrialRetired		40	A744	SQ
LargeBluePaletteColorLookupTableDataRetired		28	1213	OW
LargeBluePaletteColorLookupTableDescriptorRetired		28	1113	US
LargeGreenPaletteColorLookupTableDataRetired		28	1212	OW
LargeGreenPaletteColorLookupTableDescriptorRetired		28	1112	US
LargePaletteColorLookupTableUidRetired		28	1214	UI
LargeRedPaletteColorLookupTableDataRetired		28	1211	OW
LargeRedPaletteColorLookupTableDescriptorRetired		28	1111	US
LargestImagePixelValue		28	107	US
LargestImagePixelValueInPlaneRetired		28	111	US
LargestMonochromePixelValueRetired		28	9099	US
LargestPixelValueInSeries		28	109	US
LargestValidPixelValueRetired		28	105	US
LastMenstrualDate		10	21D0	DA
Laterality		20	60	CS
LateralSpreadingDeviceDescription	300A		033A	LO
LateralSpreadingDeviceId	300A		336	SH
LateralSpreadingDeviceNumber	300A		334	IS
LateralSpreadingDeviceSequence	300A		332	SQ
LateralSpreadingDeviceSetting	300A		372	LO
LateralSpreadingDeviceSettingsSequence	300A		370	SQ
LateralSpreadingDeviceType	300A		338	CS
LateralSpreadingDeviceWaterEquivalentThickness	300A		033C	FL
LeafJawPositions	300A		011C	DS
LeafPositionBoundaries	300A		00BE	DS
LeftImageSequence		22	21	SQ
LeftLensSequence		46	15	SQ
LengthToEndRetired		8	1	UL
LensConstantDescription		22	1094	LO
LensConstantSequence		22	1092	SQ
LensDescription		46	12	LO
LensesCodeSequence		22	19	SQ
LensSegmentType		46	38	CS
LensStatusCodeSequence		22	1024	SQ
LensStatusDescription		22	1065	LO
LensThickness		22	1130	FL
LesionNumber		18	3105	IS
LightPathFilterPassBand		22	2	US
LightPathFilterPassThroughWavelength		22	1	US
LightPathFilterTypeStackCodeSequence		22	17	SQ
LinacEnergy		14	5002	IS
LinacOutput		14	5004	IS
LineDashingStyle		70	254	CS
LinePattern		70	255	UL
LineSequence		66	28	SQ
LineStyleSequence		70	232	SQ
LineThickness		70	253	FL

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LocalizedDeviationFromNormal	24	68	FL
LocalizedDeviationProbability	24	73	FL
LocalizedDeviationProbabilitySequence	24	85	SQ
LocalNamespaceEntityId	40	31	UT
LocationOfMeasuredBeamDiameter	14	4019	DS
LocationRetired	20	50	DS
LongitudinalTemporalInformationModified	28	303	CS
LossyImageCompression	28	2110	CS
LossyImageCompressionMethod	28	2114	CS
LossyImageCompressionRatio	28	2112	DS
LossyImageCompressionRetired	8	2110	CS
LowEnergyDetectors	4010	1	CS
LowRRValue	18	1081	IS
LutData	28	3006	US
LutDescriptor	28	3002	US
LutExplanation	28	3003	LO
LutFrameRange	28	9507	US
LutFunction	28	9474	CS
LutLabel	40	9210	SH
LutNumberRetired	20	26	IS
Mac	400	404	OB
MacAlgorithm	400	15	CS
MacCalculationTransferSyntaxUid	400	10	UI
MacIdNumber	400	5	US
MacParametersSequence	4FFE	1	SQ
MagneticFieldStrength	18	87	DS
MagnetizationTransfer	18	9020	CS
MagnificationType	2010	60	CS
MagnifyToNumberOfColumnsRetired	2040	74	US
MajorTicksSequence	70	287	SQ
MandatoryComponentType	76	38	CS
Manifold	66	10	CS
ManipulatedImageRetired	28	50	LO
Manufacturer	8	70	LO
ManufacturersModelName	8	1090	LO
MappingResource	8	105	CS
MaskFrameNumbers	28	6110	US
MaskingImageRetired	20	80	CS
MaskOperation	28	6101	CS
MaskOperationExplanation	28	6190	ST
MaskPointersRetired	28	6030	US
MaskSelectionMode	28	9454	CS
MaskSubPixelShift	28	6114	FL
MaskSubtractionSequence	28	6100	SQ
MaskVisibilityPercentage	28	9478	FL

Mass	4010	1017	FL
MaterialGrade	14	42	ST
MaterialId	300A	0.00E+00	SH
MaterialsIsolationDiameter	14	34	DS
MaterialNotes	14	46	LT
MaterialPipeDiameter	14	32	DS
MaterialPropertiesFileFormat	14	45	ST
MaterialPropertiesFileId	14	44	ST
MaterialsCodeSequence	68	63A0	SQ
MaterialThickness	14	30	DS
MatingFeatureDegreeOfFreedomSequence	68	6400	SQ
MatingFeatureId	68	63F0	US
MatingFeatureSequence	68	6.30E+01	SQ
MatingFeatureSetId	68	63C0	US
MatingFeatureSetLabel	68	63D0	LO
MatingFeatureSetsSequence	68	63B0	SQ
MatrixRegistrationSequence	70	309	SQ
MatrixSequence	70	030A	SQ
MaUsedInGainCalibration	14	3072	DS
MaxDensity	2010	130	US
MaximumAcrossScanDistortion	22	49	FL
MaximumAlongScanDistortion	22	38	FL
MaximumCollatedFilms	2010	154	IS
MaximumCoordinateValueRetired	5000	105	US
MaximumDepthDistortion	22	36	FL
MaximumFractionalValue	62	000E	US
MaximumMemoryAllocation	2000	61	IS
MaximumPointDistance	66	19	FL
MaximumStimulusLuminance	24	18	FL
MeanPointDistance	66	18	FL
MeasuredBandwidth	14	401C	DS
MeasuredBeamDimensionA	14	4017	DS
MeasuredBeamDimensionB	14	4018	DS
MeasuredCenterFrequency	14	401B	DS
MeasuredDoseDescription	3008	12	ST
MeasuredDoseReferenceNumber	3008	64	IS
MeasuredDoseReferenceSequence	3008	10	SQ
MeasuredDoseType	3008	14	CS
MeasuredDoseValue	3008	16	DS
MeasuredValueSequence	40	A300	SQ
MeasurementAutomationTrialRetired	40	A194	CS
MeasurementLaterality	24	113	CS
MeasurementPrecisionDescriptionTrialRetired	40	A047	LO
MeasurementUnitsCodeSequence	40	08EA	SQ
MeasuringUnitsSequence	40	295	SQ
MechanicalIndex	18	5022	DS
MediaDisposition	2200	4	LT

MediaInstalledSequence	2000	00A2	SQ
MediaStorageSopClassUid	2	2	UI
MediaStorageSopInstanceUid	2	3	UI
MedicalAlerts	10	2000	LO
MedicalRecordLocator	10	1090	LO
MediumType	2000	30	CS
MemoryAllocation	2000	60	IS
MemoryBitDepth	2000	00A0	US
MessageId	0	110	US
MessageIdBeingRespondedTo	0	120	US
MetaboliteMapCodeSequence	18	9083	SQ
MetaboliteMapDescription	18	9080	ST
MetersetExposure	3002	32	DS
MetersetRate	300A	035A	FL
MetersetRateDelivered	3008	46	FL
MetersetRateSet	3008	45	FL
MidSlabPosition	18	9106	FD
MilitaryRank	10	1080	LO
MimeTypeOfEncapsulatedDocument	42	12	LO
MinDensity	2010	120	US
MinimumCoordinateValueRetired	5000	104	US
MinimumSensitivityValue	24	105	FL
ModalitiesInStudy	8	61	CS
Modality	8	60	CS
ModalityLutSequence	28	3000	SQ
ModalityLutType	28	3004	LO
ModeOfPercutaneousAccessSequence	52	16	SQ
ModifiedAttributesSequence	400	550	SQ
ModifiedImageDateRetired	20	3403	DA
ModifiedImageDescriptionRetired	20	3406	LO
ModifiedImageIdRetired	20	3402	CS
ModifiedImageTimeRetired	20	3405	TM
ModifierCodeSequence	40	A195	SQ
ModifyingDeviceIdRetired	20	3401	CS
ModifyingDeviceManufacturerRetired	20	3404	LO
ModifyingSystem	400	563	LO
ModulationType	14	4026	CS
MostRecentTreatmentDate	3008	56	DA
MotionSynchronizationSequence	300A	410	SQ
MoveDestination	0	600	AE
MoveOriginatorApplicationEntityTitle	0	1030	AE
MoveOriginatorMessageId	0	1031	US
MrAcquisitionFrequencyEncodingSteps	18	9058	US
MrAcquisitionPhaseEncodingStepsInPlane	18	9231	US
MrAcquisitionPhaseEncodingStepsOutOfPlane	18	9232	US
MrAcquisitionType	18	23	CS
MrArterialSpinLabelingSequence	18	9251	SQ

MrAveragesSequence	18	9119	SQ
MrDiffusionSequence	18	9117	SQ
MrDrDirectoryRecordOffsetRetired	4	1504	UL
MrEchoSequence	18	9114	SQ
MrFovGeometrySequence	18	9125	SQ
MrImageFrameTypeSequence	18	9226	SQ
MrImagingModifierSequence	18	9006	SQ
MrMetaboliteMapSequence	18	9152	SQ
MrModifierSequence	18	9115	SQ
MrReceiveCoilSequence	18	9042	SQ
MrSpatialSaturationSequence	18	9107	SQ
MrSpectroscopyAcquisitionType	18	9200	CS
MrSpectroscopyFovGeometrySequence	18	9103	SQ
MrSpectroscopyFrameTypeSequence	18	9227	SQ
MrTimingAndRelatedParametersSequence	18	9112	SQ
MrTransmitCoilSequence	18	9049	SQ
MrVelocityEncodingSequence	18	9197	SQ
MultiCoilConfiguration	18	9046	LO
MultiCoilDefinitionSequence	18	9045	SQ
MultiCoilElementName	18	9047	SH
MultiCoilElementUsed	18	9048	CS
MultiFramePresentationSequence	28	9505	SQ
MultiFrameSourceSopInstanceUid	8	1167	UI
MultiPlanarExcitation	18	9012	CS
MultipleCopiesFlag	40	4006	CS
MultipleSpinEcho	18	9011	CS
MultiplexedAudioChannelsDescriptionCodeSequence	003A	300	SQ
MultiplexGroupLabel	003A	20	SH
MultiplexGroupTimeOffset	18	1068	DS
MydriaticAgentCodeSequence	22	001C	SQ
MydriaticAgentConcentration	22	004E	DS
MydriaticAgentConcentrationUnitsSequence	22	42	SQ
MydriaticAgentSequence	22	58	SQ
NameOfPhysiciansReadingStudy	8	1060	PN
NamesOfIntendedRecipientsOfResults	40	1010	PN
NavigationDisplaySet	72	216	US
NavigationIndicatorSequence	72	214	SQ
NearPupillaryDistance	46	62	FD
NegativeCatchTrialsQuantity	24	48	US
NetworkIdRetired	8	1000	AE
NominalBeamEnergy	300A	114	DS
NominalBeamEnergyUnit	300A	15	CS
NominalCardiacTriggerDelayTime	20	9153	FD
NominalCardiacTriggerTimePriorToRPeak	20	9154	FL
NominalFrequency	14	401A	DS
NominalInterval	18	1062	IS
NominalPercentageOfCardiacPhase	20	9241	FL

NominalPercentageOfRespiratoryPhase	20	9245	FL
NominalPriorDose	300A	001A	DS
NominalRespiratoryTriggerDelayTime	20	9255	FD
NominalScannedPixelSpacing	18	2010	DS
NominalScreenDefinitionSequence	72	102	SQ
NonDicomOutputCodeSequence	40	4032	SQ
NonUniformRadialSamplingCorrected	18	9766	CS
NormalizationFactorFormatRetired	28	710	US
NormalizationPoint	3004	8	DS
NotchFilterBandwidth	003A	223	DS
NotchFilterFrequency	003A	222	DS
NotificationFromManufacturerSequence	68	6265	SQ
NtpSourceAddress	18	1803	LO
NuclearMedicineSeriesTypeRetired	8	42	CS
NumberOfAlarmObjects	4010	1034	US
NumberOfAverages	18	83	DS
NumberOfBeams	300A	80	IS
NumberOfBlocks	300A	00F0	IS
NumberOfBoli	300A	00ED	IS
NumberOfBrachyApplicationSetups	300A	00A0	IS
NumberOfChannelsRetired	5000	2004	US
NumberOfCompensators	300A	0.00E+00	IS
NumberOfCompletedSubOperations	0	1021	US
NumberOfContourPoints	3006	46	IS
NumberOfControlPoints	300A	110	IS
NumberOfCopies	2000	10	IS
NumberOfDetectors	54	21	US
NumberOfElements	14	4012	US
NumberOfEnergyWindows	54	11	US
NumberOfEventTimers	8	2129	IS
NumberOfFailedSubOperations	0	1022	US
NumberOfFilms	2100	170	IS
NumberOfFocalPlanes	48	13	US
NumberOfFractionPatternDigitsPerDay	300A	79	IS
NumberOfFractionsDelivered	3008	005A	IS
NumberOfFractionsPlanned	300A	78	IS
NumberOfFrames	28	8	IS
NumberOfFramesInOverlay	6000	15	IS
NumberOfFramesInPhase	54	33	US
NumberOfFramesInRotation	54	53	US
NumberOfFramesIntegrated	14	3012	DS
NumberOfFramesUsedForIntegration	14	3073	DS
NumberOfGraphicPoints	70	21	US
NumberOfHorizontalPixels	72	106	US
NumberOfIterations	18	9739	US
NumberOfKSpaceTrajectories	18	9093	US
NumberOfLateralSpreadingDevices	300A	330	IS

NumberOfLeafJawPairs	300A	00BC	IS
NumberOfPaddedAlines	52	38	US
NumberOfPaintings	300A	039A	IS
NumberOfPatientRelatedInstances	20	1204	IS
NumberOfPatientRelatedSeries	20	1202	IS
NumberOfPatientRelatedStudies	20	1200	IS
NumberOfPhaseEncodingSteps	18	89	IS
NumberOfPhases	54	31	US
NumberOfPointsRetired	5000	10	US
NumberOfPriorsReferenced	72	14	US
NumberOfPulses	300A	028A	IS
NumberOfRangeModulators	300A	340	IS
NumberOfRangeShifters	300A	312	IS
NumberOfReferencesRetired	4	1600	UL
NumberOfRemainingSubOperations	0	1020	US
NumberOfRotations	54	51	US
NumberOfRRIntervals	54	61	US
NumberOfSamplesRetired	5000	2006	UL
NumberOfScanSpotPositions	300A	392	IS
NumberOfScreens	72	100	US
NumberOfSeriesRelatedInstances	20	1209	IS
NumberOfSlices	54	81	US
NumberOfStages	8	2124	IS
NumberOfStudyRelatedInstances	20	1208	IS
NumberOfStudyRelatedSeries	20	1206	IS
NumberOfSubsets	18	9740	US
NumberOfSurfacePoints	66	15	UL
NumberOfSurfaces	66	1	UL
NumberOfTableBreakPoints	18	6050	UL
NumberOfTableEntries	18	6056	UL
NumberOfTemporalPositions	20	105	IS
NumberOfTimeSlices	54	101	US
NumberOfTimeSlots	54	71	US
NumberOfTomosynthesisSourceImages	18	1495	IS
NumberOfTotalObjects	4010	1033	US
NumberOfTransformStepsRetired	28	402	US
NumberOfTriggersInPhase	54	211	US
NumberOfVectors	66	001E	UL
NumberOfVerticalPixels	72	104	US
NumberOfViewsInStage	8	212A	IS
NumberOfVisualStimuli	24	38	US
NumberOfWarningSubOperations	0	1023	US
NumberOfWaveformChannels	003A	5	US
NumberOfWaveformSamples	003A	10	UL
NumberOfWedges	300A	00D0	IS
NumberOfZeroFills	18	9066	US
NumericValue	40	A30A	DS

NumericValueQualifierCodeSequence	40	A301	SQ
ObjectBinaryIdentifierTrialRetired	40	A074	OB
ObjectDirectoryBinaryIdentifierTrialRetired	40	A089	OB
ObjectiveLensNumericalAperture	48	113	DS
ObjectiveLensPower	48	112	DS
ObjectPixelSpacingInCenterOfBeam	18	9404	FL
ObjectThicknessSequence	18	9456	SQ
ObservationCategoryCodeSequenceTrialRetired	40	A167	SQ
ObservationDateTime	40	A032	DT
ObservationDateTrialRetired	40	A192	DA
ObservationNumber	3006	82	IS
ObservationSubjectClassTrialRetired	40	A403	CS
ObservationSubjectContextFlagTrialRetired	40	A600	CS
ObservationSubjectTypeCodeSequenceTrialRetired	40	A404	SQ
ObservationSubjectUidTrialRetired	40	A402	UI
ObservationTimeTrialRetired	40	A193	TM
ObservationUidTrialRetired	40	A171	UI
ObserverContextFlagTrialRetired	40	A601	CS
ObserverType	40	A084	CS
Occupation	10	2180	SH
OctAcquisitionDomain	52	6	CS
OctFocalDistance	52	2	FD
OctOpticalCenterWavelength	52	7	FD
OctZOffsetApplied	52	26	CS
OctZOffsetCorrection	52	30	SS
OffendingElement	0	901	AT
OffsetOfReferencedLowerLevelDirectoryEntity	4	1420	UL
OffsetOfTheFirstDirectoryRecordOfTheRootDirectoryEntity	4	1200	UL
OffsetOfTheLastDirectoryRecordOfTheRootDirectoryEntity	4	1202	UL
OffsetOfTheNextDirectoryRecord	4	1400	UL
OnaxisBackgroundAnatomicStructureCodeSequenceTrialRetired	8	225C	SQ
OoiOwnerCreationTime	4010	1041	DT
OoiOwnerSequence	4010	1047	SQ
OoiOwnerType	4010	1009	CS
OoiSize	4010	1043	FL
OoiType	4010	1042	CS
OoiTypeDescriptor	4010	1068	LT
OperatingMode	18	9178	CS
OperatingModeSequence	18	9176	SQ
OperatingModeType	18	9177	CS
OperatorIdentificationSequence	8	1072	SQ
OperatorsName	8	1070	PN
OphthalmicAxialLength	22	1019	FL
OphthalmicAxialLengthAcquisitionMethodCodeSequence	22	1153	SQ
OphthalmicAxialLengthDataSourceCodeSequence	22	1150	SQ
OphthalmicAxialLengthDataSourceDescription	22	1159	LO
OphthalmicAxialLengthMeasurementModified	22	1140	CS

OphthalmicAxialLengthMeasurementsLengthSummationSequence	22	1212	SQ
OphthalmicAxialLengthMeasurementsSegmentalLengthSequence	22	1211	SQ
OphthalmicAxialLengthMeasurementsSegmentNameCodeSequence	22	1101	SQ
OphthalmicAxialLengthMeasurementsSequence	22	1050	SQ
OphthalmicAxialLengthMeasurementsTotalLengthSequence	22	1210	SQ
OphthalmicAxialLengthMeasurementsType	22	1010	CS
OphthalmicAxialLengthQualityMetricSequence	22	1262	SQ
OphthalmicAxialLengthQualityMetricTypeDescription	22	1273	LO
OphthalmicAxialLengthSelectionMethodCodeSequence	22	1250	SQ
OphthalmicAxialLengthVelocity	22	1059	FL
OphthalmicAxialMeasurementsLeftEyeSequence	22	1008	SQ
OphthalmicAxialMeasurementsRightEyeSequence	22	1007	SQ
OphthalmicFrameLocationSequence	22	31	SQ
OphthalmicImageOrientation	22	39	CS
OphthalmicPatientClinicalInformationLeftEyeSequence	24	114	SQ
OphthalmicPatientClinicalInformationRightEyeSequence	24	115	SQ
OphthalmicUltrasoundAxialMeasurementsTypeCodeSequence	22	1044	SQ
OpticalOphthalmicAxialLengthMeasurementsSequence	22	1225	SQ
OpticalPathDescription	48	107	ST
OpticalPathIdentificationSequence	48	207	SQ
OpticalPathIdentifier	48	106	SH
OpticalPathSequence	48	105	SQ
OpticalSelectedOphthalmicAxialLengthSequence	22	1255	SQ
OpticalTransmittance	46	40	FD
Optotype	46	94	CS
OptotypeDetailedDefinition	46	139	LO
OptotypePresentation	46	95	CS
OrderCallbackPhoneNumber	40	2010	SH
OrderEnteredBy	40	2008	PN
OrderEnterersLocation	40	2009	SH
OrderFillerIdentifierSequence	40	27	SQ
OrderPlacerIdentifierSequence	40	26	SQ
OrganAtRiskFullVolumeDose	300A	002A	DS
OrganAtRiskLimitDose	300A	002B	DS
OrganAtRiskMaximumDose	300A	002C	DS
OrganAtRiskOverdoseVolumeFraction	300A	002D	DS
OrganDose	40	316	DS
OrganExposed	40	318	CS
OriginalAttributesSequence	400	561	SQ
OriginalImageIdentificationNomenclatureRetired	20	5002	LO
OriginalImageIdentificationRetired	20	5000	AT
OriginalImageSequenceRetired	2130	00C0	SQ
OriginalImplantAssemblyTemplateSequence	76	000C	SQ
OriginalImplantTemplateSequence	68	6225	SQ
OriginalSpecializedSopClassUid	8	001B	UI
Originator	2100	70	AE
OtherMagnificationTypesAvailable	2010	00A7	CS

OtherMediaAvailableSequence	2000	00A4	SQ
OtherPatientIds	10	1000	LO
OtherPatientIdsSequence	10	1002	SQ
OtherPatientNames	10	1001	PN
OtherPupillaryDistance	46	64	FD
OtherSmoothingTypesAvailable	2010	00A9	CS
OtherStudyNumbersRetired	20	1070	IS
OuterDiameter	14	54	DS
OutputInformationSequence	40	4033	SQ
OutputPower	18	5000	SH
OverallTemplateSpatialTolerance	68	62A5	FD
OverlayActivationLayer	6000	1001	CS
OverlayBackgroundDensityRetired	2040	82	CS
OverlayBitPosition	6000	102	US
OverlayBitsAllocated	6000	100	US
OverlayBitsForCodeWordRetired	6000	804	US
OverlayBitsGroupedRetired	6000	69	US
OverlayCodeLabelRetired	6000	800	CS
OverlayCodeTableLocationRetired	6000	803	AT
OverlayColumns	6000	11	US
OverlayCommentsRetired	6000	4000	LT
OverlayCompressionCodeRetired	6000	60	CS
OverlayCompressionDescriptionRetired	6000	63	CS
OverlayCompressionLabelRetired	6000	62	SH
OverlayCompressionOriginatorRetired	6000	61	SH
OverlayCompressionStepPointersRetired	6000	66	AT
OverlayData	6000	3000	OB
OverlayDateRetired	8	24	DA
OverlayDescription	6000	22	LO
OverlayDescriptorBlueRetired	6000	1103	US
OverlayDescriptorGrayRetired	6000	1100	US
OverlayDescriptorGreenRetired	6000	1102	US
OverlayDescriptorRedRetired	6000	1101	US
OverlayForegroundDensityRetired	2040	80	CS
OverlayFormatRetired	6000	110	CS
OverlayLabel	6000	1500	LO
OverlayLocationRetired	6000	200	US
OverlayMagnificationTypeRetired	2040	60	CS
OverlayModeRetired	2040	90	CS
OverlayNumberOfTablesRetired	6000	802	US
OverlayNumberRetired	20	22	IS
OverlayOrigin	6000	50	SS
OverlayOrImageMagnificationRetired	2040	72	CS
OverlayPixelDataSequenceRetired	2040	20	SQ
OverlayPlaneOriginRetired	6000	52	US
OverlayPlanesRetired	6000	12	US
OverlayRepeatIntervalRetired	6000	68	US

OverlayRows	6000	10	US
OverlaysBlueRetired	6000	1203	US
OverlaysGrayRetired	6000	1200	US
OverlaysGreenRetired	6000	1202	US
OverlaySmoothingTypeRetired	2040	70	CS
OverlaysRedRetired	6000	1201	US
OverlaySubtype	6000	45	LO
OverlayTimeRetired	8	34	TM
OverlayType	6000	40	CS
OverriddenAttributesSequence	74	104A	SQ
OverrideParameterPointer	3008	62	AT
OverrideReason	3008	66	ST
OverrideSequence	3008	60	SQ
OversamplingPhase	18	9029	CS
OwnerId	2100	160	SH
PageNumberVector	18	2001	IS
PaletteColorLookupTableSequence	48	120	SQ
PaletteColorLookupTableUid	28	1199	UI
ParallelAcquisition	18	9077	CS
ParallelAcquisitionTechnique	18	9078	CS
ParallelReductionFactorInPlane	18	9069	FD
ParallelReductionFactorInPlaneRetired	18	9096	FD
ParallelReductionFactorOutOfPlane	18	9155	FD
ParallelReductionFactorSecondInPlane	18	9168	FD
ParameterItemIndex	3008	63	IS
ParameterPointer	3008	65	AT
ParameterSequencePointer	3008	61	AT
PartialDataDisplayHandling	72	208	CS
PartialFourier	18	9081	CS
PartialFourierDirection	18	9036	CS
PartialView	28	1350	CS
PartialViewCodeSequence	28	1352	SQ
PartialViewDescription	28	1351	ST
ParticipantSequence	40	A07A	SQ
ParticipationDatetime	40	A082	DT
ParticipationType	40	A080	CS
PatientAdditionalPosition	300A	184	LO
PatientBreedCodeSequence	10	2293	SQ
PatientBreedDescription	10	2292	LO
PatientClinicalTrialParticipationSequence	38	502	SQ
PatientComments	10	4000	LT
PatientEyeMovementCommandCodeSequence	22	6	SQ
PatientEyeMovementCommanded	22	5	CS
PatientFrameOfReferenceSource	20	930C	CS
PatientGantryRelationshipCodeSequence	54	414	SQ
PatientId	10	20	LO
PatientIdentityRemoved	12	62	CS

PatientMotionCorrected		18	9763	CS
PatientNotProperlyFixatedQuantity		24	36	US
PatientOrientation		20	20	CS
PatientOrientationCodeSequence		54	410	SQ
PatientOrientationInFrameSequence		20	9450	SQ
PatientOrientationModifierCodeSequence		54	412	SQ
PatientPhysiologicalStateCodeSequence		18	9772	SQ
PatientPhysiologicalStateSequence		18	9771	SQ
PatientPosition		18	5100	CS
PatientReliabilityIndicator		24	69	LO
PatientsAddress		10	1040	LO
PatientsAge		10	1010	AS
PatientsBirthDate		10	30	DA
PatientsBirthName		10	1005	PN
PatientsBirthTime		10	32	TM
PatientSetupLabel	300A		183	LO
PatientSetupNumber	300A		182	IS
PatientSetupSequence	300A		180	SQ
PatientsInstitutionResidence		38	400	LO
PatientsInsurancePlanCodeSequence		10	50	SQ
PatientsMothersBirthName		10	1060	PN
PatientsName		10	10	PN
PatientSpeciesCodeSequence		10	2202	SQ
PatientSpeciesDescription		10	2201	LO
PatientsPrimaryLanguageCodeSequence		10	101	SQ
PatientsPrimaryLanguageModifierCodeSequence		10	102	SQ
PatientsReligiousPreference		10	21F0	LO
PatientsSex		10	40	CS
PatientsSexNeutered		10	2203	CS
PatientsSize		10	1020	DS
PatientsSizeCodeSequence		10	1021	SQ
PatientState		38	500	LO
PatientsTelephoneNumbers		10	2154	SH
PatientSupportAccessoryCode	300A		354	LO
PatientSupportAdjustedAngle		74	102A	FD
PatientSupportAngle	300A		122	DS
PatientSupportAngleTolerance	300A		004C	DS
PatientSupportId	300A		352	SH
PatientSupportRotationDirection	300A		123	CS
PatientSupportType	300A		350	CS
PatientsWeight		10	1030	DS
PatientTransportArrangements		40	1004	LO
PatternOffColorCielabValue		70	252	US
PatternOffOpacity		70	285	FL
PatternOnColorCielabValue		70	251	US
PatternOnOpacity		70	284	FL
PauseBetweenFrames		54	38	IS

PercentPhaseFieldOfView	18	94	DS
PercentSampling	18	93	DS
PerformedLocation	40	243	SH
PerformedProcedureCodeSequence	40	A372	SQ
PerformedProcedureStepDescription	40	254	LO
PerformedProcedureStepDiscontinuationReasonCodeSequence	40	281	SQ
PerformedProcedureStepEndDate	40	250	DA
PerformedProcedureStepEndDatetime	40	4051	DT
PerformedProcedureStepEndTime	40	251	TM
PerformedProcedureStepId	40	253	SH
PerformedProcedureStepStartDate	40	244	DA
PerformedProcedureStepStartDatetime	40	4050	DT
PerformedProcedureStepStartTime	40	245	TM
PerformedProcedureStepStatus	40	252	CS
PerformedProcedureTypeDescription	40	255	LO
PerformedProcessingApplicationsCodeSequence	40	4007	SQ
PerformedProcessingParametersSequence	74	1212	SQ
PerformedProtocolCodeSequence	40	260	SQ
PerformedProtocolType	40	261	CS
PerformedSeriesSequence	40	340	SQ
PerformedStationAeTitle	40	241	AE
PerformedStationClassCodeSequence	40	4029	SQ
PerformedStationGeographicLocationCodeSequence	40	4030	SQ
PerformedStationName	40	242	SH
PerformedStationNameCodeSequence	40	4028	SQ
PerformedWorkitemCodeSequence	40	4019	SQ
PerformingPhysicianIdentificationSequence	8	1052	SQ
PerformingPhysiciansName	8	1050	PN
PerFrameFunctionalGroupsSequence	5200	9230	SQ
PerimeterTableRetired	28	70	US
PerimeterValueRetired	28	71	US
PerProjectionAcquisitionSequence	18	9538	SQ
PersonIdentificationCodeSequence	40	1101	SQ
PersonName	40	A123	PN
PersonsAddress	40	1102	ST
PersonsTelephoneNumbers	40	1103	LO
PertinentDocumentsSequence	38	100	SQ
PertinentOtherEvidenceSequence	40	A385	SQ
PetDetectorMotionDetailsSequence	18	9733	SQ
PetFrameAcquisitionSequence	18	9732	SQ
PetFrameCorrectionFactorsSequence	18	9736	SQ
PetFrameTypeSequence	18	9751	SQ
PetPositionSequence	18	9735	SQ
PetReconstructionSequence	18	9749	SQ
PetTableDynamicsSequence	18	9734	SQ
PhantomType	4010	1046	CS
PhaseContrast	18	9014	CS

PhaseDelay	54	36	IS
PhaseDescription	54	39	CS
PhaseInformationSequence	54	32	SQ
PhaseNumberRetired	20	15	IS
PhaseVector	54	30	US
PhosphorType	18	1261	LO
PhotometricInterpretation	28	4	CS
PhototimerSetting	18	7065	DS
PhysicalDeltaX	18	602C	FD
PhysicalDeltaY	18	602E	FD
PhysicalDetectorSize	18	9429	FL
PhysicalUnitsXDirection	18	6024	US
PhysicalUnitsYDirection	18	6026	US
PhysicianApprovingInterpretationRetired	4008	114	PN
PhysiciansOfRecord	8	1048	PN
PhysiciansOfRecordIdentificationSequence	8	1049	SQ
PhysiciansReadingStudyIdentificationSequence	8	1062	SQ
PixelAspectRatio	28	34	IS
PixelBandwidth	18	95	DS
PixelComponentDataType	18	604E	US
PixelComponentMask	18	6046	UL
PixelComponentOrganization	18	6044	US
PixelComponentPhysicalUnits	18	604C	US
PixelComponentRangeStart	18	6048	UL
PixelComponentRangeStop	18	604A	UL
PixelCoordinatesSetTrialRetired	40	A29A	SL
PixelData	7FE0	10	OW
PixelDataAreaOriginRelativeToFov	18	7036	FL
PixelDataAreaRotationAngleRelativeToFov	18	7038	FL
PixelDataProviderUrl	28	7FE0	UT
PixelIntensityRelationship	28	1040	CS
PixelIntensityRelationshipLutSequence	28	9422	SQ
PixelIntensityRelationshipSign	28	1041	SS
PixelMeasuresSequence	28	9110	SQ
PixelOriginInterpretation	48	301	CS
PixelPaddingRangeLimit	28	121	US
PixelPaddingValue	28	120	US
PixelPresentation	8	9205	CS
PixelRepresentation	28	103	US
PixelShiftFrameRange	28	9506	US
PixelShiftSequence	28	9501	SQ
PixelSpacing	28	30	DS
PixelSpacingCalibrationDescription	28	0A04	LO
PixelSpacingCalibrationType	28	0A02	CS
PixelSpacingSequenceRetired	40	08D8	SQ
PixelValueMappingCodeSequence	40	9098	SQ
PixelValueTransformationSequence	28	9145	SQ

PlacerOrderNumberImagingServiceRequest	40	2016	LO
PlacerOrderNumberImagingServiceRequestRetired	40	2006	SH
PlacerOrderNumberProcedureRetired	40	1006	SH
PlanarConfiguration	28	6	US
PlaneIdentification	18	9457	CS
PlaneOrientationSequence	20	9116	SQ
PlaneOrientationVolumeSequence	20	930F	SQ
PlanePositionSequence	20	9113	SQ
PlanePositionSlideSequence	48	021A	SQ
PlanePositionVolumeSequence	20	930E	SQ
PlanesInAcquisition	18	9410	CS
PlanesRetired	28	12	US
PlanIntent	300A	000A	CS
PlannedVerificationImageSequence	300A	00CA	SQ
PlanningLandmarkDescription	68	6540	LO
PlanningLandmarkId	68	6530	US
PlanningLandmarkIdentificationCodeSequence	68	6545	SQ
PlanningLandmarkLineSequence	68	6510	SQ
PlanningLandmarkPlaneSequence	68	6520	SQ
PlanningLandmarkPointSequence	68	6500	SQ
PlateId	18	1004	LO
PlateType	18	1260	SH
PointCoordinatesData	66	16	OF
PointPositionAccuracy	66	17	FL
PointsBoundingBoxCoordinates	66	001A	FL
Polarity	2020	20	CS
PositionerIsocenterDetectorRotationAngle	18	9465	FL
PositionerIsocenterPrimaryAngle	18	9463	FL
PositionerIsocenterSecondaryAngle	18	9464	FL
PositionerMotion	18	1500	CS
PositionerPositionSequence	18	9405	SQ
PositionerPrimaryAngle	18	1510	DS
PositionerPrimaryAngleIncrement	18	1520	DS
PositionerSecondaryAngle	18	1511	DS
PositionerSecondaryAngleIncrement	18	1521	DS
PositionerType	18	1508	CS
PositionMeasuringDeviceUsed	18	980C	CS
PositionOfIsocenterProjection	18	9430	FL
PositionReferenceIndicator	20	1040	LO
PositiveCatchTrialsQuantity	24	56	US
PostDeformationMatrixRegistrationSequence	64	10	SQ
PostprocessingFunctionRetired	18	5021	LO
PotentialThreatObjectId	4010	1010	US
PreAmplifierEquipmentSequence	14	400E	SQ
PreAmplifierNotes	14	400F	LT
PreAmplifierSettingsSequence	14	4040	SQ
PredecessorDocumentsSequence	40	A360	SQ

PreDeformationMatrixRegistrationSequence	64	000F	SQ
PredictedRefractiveError	22	1054	FL
PredictorColumnsRetired	28	81	US
PredictorConstantsRetired	28	82	US
PredictorRowsRetired	28	80	US
PreferredPlaybackSequencing	18	1244	US
PregnancyStatus	10	21C0	US
PreliminaryFlag	40	A496	CS
PreMedication	40	12	LO
PrescriptionDescription	300A	000E	ST
PresentationCreationDate	70	82	DA
PresentationCreationTime	70	83	TM
PresentationGroupNumber	003A	241	US
PresentationIntentType	8	68	CS
PresentationLutContentSequenceRetired	2130	80	SQ
PresentationLutFlagRetired	2000	69	CS
PresentationLutSequence	2050	10	SQ
PresentationLutShape	2050	20	CS
PresentationPixelAspectRatio	70	102	IS
PresentationPixelMagnificationRatio	70	103	FL
PresentationPixelSpacing	70	101	DS
PresentationSizeMode	70	100	CS
PresentedVisualStimuliDataFlag	24	37	CS
PreserveCompositeInstancesAfterMediaCreation	2200	000A	CS
PrimaryAnatomicStructureModifierSequence	8	2230	SQ
PrimaryAnatomicStructureSequence	8	2228	SQ
PrimaryDosimeterUnit	300A	00B3	CS
PrimaryFluenceModeSequence	3002	50	SQ
PrimaryPositionerIncrement	18	9514	FL
PrimaryPositionerScanArc	18	9508	FL
PrimaryPositionerScanStartAngle	18	9510	FL
PrimaryPromptsCountsAccumulated	54	1310	IS
PrimitivePointIndexList	66	29	OW
PrinterCharacteristicsSequenceRetired	2130	15	SQ
PrinterConfigurationSequence	2000	001E	SQ
PrinterName	2110	30	LO
PrinterPixelSpacing	2010	376	DS
PrinterResolutionId	2010	52	CS
PrinterStatus	2110	10	CS
PrinterStatusInfo	2110	20	CS
PrintingBitDepth	2000	00A1	US
PrintJobDescriptionSequenceRetired	2120	50	SQ
PrintJobIdRetired	2100	10	SH
PrintManagementCapabilitiesSequenceRetired	2130	10	SQ
PrintPriority	2000	20	CS
PrintQueueIdRetired	2110	99	SH
Priority	0	700	US

PrismSequence	46	28	SQ
PrivateInformation	2	102	OB
PrivateInformationCreatorUid	2	100	UI
PrivateRecordUid	4	1432	UI
ProcedureCodeSequence	8	1032	SQ
ProcedureContextFlagTrialRetired	40	A603	CS
ProcedureContextSequenceTrialRetired	40	A340	SQ
ProcedureCreationDate	14	4076	DA
ProcedureExpirationDate	14	4078	DA
ProcedureIdentifierCodeSequenceTrialRetired	40	A085	SQ
ProcedureLastModifiedDate	14	407A	DA
ProcedureStepCancellationDatetime	40	4052	DT
ProcedureStepCommunicationsUriSequence	74	1008	SQ
ProcedureStepDiscontinuationReasonCodeSequence	74	100E	SQ
ProcedureStepLabel	74	1204	LO
ProcedureStepProgress	74	1004	DS
ProcedureStepProgressDescription	74	1006	ST
ProcedureStepProgressInformationSequence	74	1002	SQ
ProcedureStepRelationshipTypeRetired	74	1222	LO
ProcedureStepState	74	1000	CS
ProcedureTypeCodeSequence	76	20	SQ
ProcedureVersion	14	4074	SH
ProcessingFunction	18	5020	LO
ProductDescription	44	9	LT
ProductExpirationDatetime	44	000B	DT
ProductLotIdentifier	44	000A	LO
ProductName	44	8	LO
ProductPackageIdentifier	44	1	ST
ProductParameterSequence	44	13	SQ
ProductTypeCodeSequence	44	7	SQ
ProjectionEponymousNameCodeSequence	18	5104	SQ
ProjectionPixelCalibrationSequence	18	9401	SQ
PropertyLabel	14	2032	SH
ProposedStudySequenceRetired	2130	00A0	SQ
ProtocolContextSequence	40	440	SQ
ProtocolName	18	1030	LO
PseudoColorPaletteInstanceReferenceSequence	72	705	SQ
PseudoColorType	72	704	CS
PtoRepresentationSequence	4010	1037	SQ
PulseRepetitionFrequency	18	6032	UL
PulseRepetitionInterval	300A	028C	DS
PulserEquipmentSequence	14	4002	SQ
PulserNotes	14	4006	LT
PulserSettingsSequence	14	4020	SQ
PulserType	14	4004	CS
PulseSequenceName	18	9005	SH
PulseWidth	14	4022	DS

PupilDilated	22	000D	CS
PupilSize	46	44	FD
PurposeOfReferenceCodeSequence	40	A170	SQ
PvcRejection	18	1085	LO
QuadratureReceiveCoil	18	9044	CS
QualityControlImage	28	300	CS
QuantifiedDefect	24	98	FL
Quantity	40	294	DS
QuantitySequence	40	293	SQ
QueryRetrieveLevel	8	52	CS
QueueStatusRetired	2120	10	CS
RadialPosition	18	1142	DS
RadiationAtomicNumber	300A	304	IS
RadiationChargeState	300A	306	SS
RadiationMachineName	3002	20	SH
RadiationMachineSad	3002	22	DS
RadiationMachineSsd	3002	24	DS
RadiationMassNumber	300A	302	IS
RadiationMode	18	115A	CS
RadiationSetting	18	1155	CS
RadiationType	300A	00C6	CS
RadionuclideCodeSequence	54	300	SQ
RadionuclideHalfLife	18	1075	DS
RadionuclidePositronFraction	18	1076	DS
RadionuclideRetired	18	30	LO
RadionuclideTotalDose	18	1074	DS
Radiopharmaceutical	18	31	LO
RadiopharmaceuticalAgentNumber	18	9729	US
RadiopharmaceuticalCodeSequence	54	304	SQ
RadiopharmaceuticalInformationSequence	54	16	SQ
RadiopharmaceuticalRoute	18	1070	LO
RadiopharmaceuticalSpecificActivity	18	1077	DS
RadiopharmaceuticalStartDatetime	18	1078	DT
RadiopharmaceuticalStartTime	18	1072	TM
RadiopharmaceuticalStopDatetime	18	1079	DT
RadiopharmaceuticalStopTime	18	1073	TM
RadiopharmaceuticalUsageSequence	18	9737	SQ
RadiopharmaceuticalVolume	18	1071	DS
RadiusOfCircularCollimator	18	1712	IS
RadiusOfCircularExposureControlSensingRegion	18	9441	US
RadiusOfCircularShutter	18	1612	IS
RadiusOfCurvature	46	75	FD
RandomsCorrected	18	9765	CS
RandomsCorrectionMethod	54	1100	CS
RangeModulatorDescription	300A	034A	LO
RangeModulatorGatingStartValue	300A	382	FL
RangeModulatorGatingStartWaterEquivalentThickness	300A	386	FL

RangeModulatorGatingStopValue	300A		384	FL
RangeModulatorGatingStopWaterEquivalentThickness	300A		388	FL
RangeModulatorId	300A		346	SH
RangeModulatorNumber	300A		344	IS
RangeModulatorSequence	300A		342	SQ
RangeModulatorSettingsSequence	300A		380	SQ
RangeModulatorType	300A		348	CS
RangeOfFreedom		68	64A0	FD
RangeShifterDescription	300A		322	LO
RangeShifterId	300A		318	SH
RangeShifterNumber	300A		316	IS
RangeShifterSequence	300A		314	SQ
RangeShifterSetting	300A		362	LO
RangeShifterSettingsSequence	300A		360	SQ
RangeShifterType	300A		320	CS
RangeShifterWaterEquivalentThickness	300A		366	FL
RangingDepth		52	9	FD
RawDataHandling		40	4040	CS
RealWorldValueFirstValueMapped		40	9216	US
RealWorldValueIntercept		40	9224	FD
RealWorldValueLastValueMapped		40	9211	US
RealWorldValueLutData		40	9212	FD
RealWorldValueMappingSequence		40	9096	SQ
RealWorldValueSlope		40	9225	FD
ReasonForCancellation		74	1238	LT
ReasonForPerformedProcedureCodeSequence		40	1012	SQ
ReasonForRequestedProcedureCodeSequence		40	100A	SQ
ReasonForStudyRetired		32	1030	LO
ReasonForTheAttributeModification		400	565	CS
ReasonForTheImagingServiceRequestRetired		40	2001	LO
ReasonForTheRequestedProcedure		40	1002	LO
ReceiveCoilManufacturerName		18	9041	LO
ReceiveCoilName		18	1250	SH
ReceiveCoilType		18	9043	CS
ReceiverEquipmentSequence		14	4008	SQ
ReceiverNotes		14	400C	LT
ReceiverSettingsSequence		14	4030	SQ
ReceiveTransducerSequence		14	4011	SQ
ReceiveTransducerSettingsSequence		14	4051	SQ
ReceivingAe		74	1234	AE
RecognitionCodeRetired		8	10	SH
RecognizableVisualFeatures		28	302	CS
RecommendedAbsentPixelCielabValue		48	15	US
RecommendedDisplayCielabValue		62	000D	US
RecommendedDisplayFrameRate		8	2144	IS
RecommendedDisplayFrameRateInFloat		8	9459	FL
RecommendedDisplayGrayscaleValue		62	000C	US

RecommendedPresentationOpacity	66	000C	FL
RecommendedPresentationType	66	000D	CS
RecommendedRotationPoint	68	6346	FD
RecommendedViewingMode	28	1090	CS
ReconstructionAlgorithm	18	9315	CS
ReconstructionAngle	18	9319	FD
ReconstructionDescription	18	9531	LO
ReconstructionDiameter	18	1100	DS
ReconstructionFieldOfView	18	9317	FD
ReconstructionIndex	20	9536	US
ReconstructionMethod	54	1103	LO
ReconstructionPixelSpacing	18	9322	FD
ReconstructionTargetCenterPatient	18	9318	FD
ReconstructionType	18	9756	CS
RecordedBlockSequence	3008	00D0	SQ
RecordedBrachyAccessoryDeviceSequence	3008	120	SQ
RecordedChannelSequence	3008	130	SQ
RecordedChannelShieldSequence	3008	150	SQ
RecordedCompensatorSequence	3008	00C0	SQ
RecordedLateralSpreadingDeviceSequence	3008	00F4	SQ
RecordedRangeModulatorSequence	3008	00F6	SQ
RecordedRangeShifterSequence	3008	00F2	SQ
RecordedSnoutSequence	3008	00F0	SQ
RecordedSourceApplicatorSequence	3008	140	SQ
RecordedSourceSequence	3008	100	SQ
RecordedWedgeSequence	3008	00B0	SQ
RecordInUseFlag	4	1410	US
RectificationType	18	1156	CS
RectifierSmoothing	14	4034	DS
RectilinearPhaseEncodeReordering	18	9034	CS
RedPaletteColorLookupTableData	28	1201	OW
RedPaletteColorLookupTableDescriptor	28	1101	US
ReferenceAirKermaRate	300A	022A	DS
ReferenceCoordinates	22	32	FL
ReferencedAccessionSequenceTrialRetired	40	A313	SQ
ReferencedBasicAnnotationBoxSequence	2010	520	SQ
ReferencedBeamNumber	300C	6	IS
ReferencedBeamSequence	300C	4	SQ
ReferencedBlockNumber	300C	0.00E+00	IS
ReferencedBolusSequence	300C	00B0	SQ
ReferencedBrachyAccessoryDeviceNumber	3008	122	IS
ReferencedBrachyApplicationSetupNumber	300C	000C	IS
ReferencedBrachyApplicationSetupSequence	300C	000A	SQ
ReferencedCalculatedDoseReferenceNumber	3008	92	IS
ReferencedCalculatedDoseReferenceSequence	3008	90	SQ
ReferencedChannelShieldNumber	3008	152	IS
ReferencedCompensatorNumber	300C	00D0	IS

ReferencedContentItemIdentifier	40	DB73	UL
ReferencedControlPointIndex	300C	00F0	IS
ReferencedControlPointSequence	300C	00F2	SQ
ReferencedCurveSequenceRetired	8	1145	SQ
ReferencedDatetime	40	A13A	DT
ReferencedDigitalSignatureSequence	400	402	SQ
ReferencedDoseReferenceNumber	300C	51	IS
ReferencedDoseReferenceSequence	300C	50	SQ
ReferencedDoseSequence	300C	80	SQ
ReferencedFileId	4	1500	CS
ReferencedFilmBoxSequence	2000	500	SQ
ReferencedFilmSessionSequence	2010	500	SQ
ReferencedFindingsGroupUidTrialRetired	40	A022	UI
ReferencedFirstFrameSequence	72	427	SQ
ReferencedFractionGroupNumber	300C	22	IS
ReferencedFractionGroupSequence	300C	20	SQ
ReferencedFractionNumber	3008	223	IS
ReferencedFrameNumber	8	1160	IS
ReferencedFrameNumbers	40	A136	US
ReferencedFrameOfReferenceSequence	3006	10	SQ
ReferencedFrameOfReferenceUid	3006	24	UI
ReferencedGeneralPurposeScheduledProcedureStepSequence	40	4016	SQ
ReferencedGeneralPurposeScheduledProcedureStepTransactionUid	40	4023	UI
ReferencedHpglDocumentId	68	6440	US
ReferencedImageBoxSequence	2010	510	SQ
ReferencedImageBoxSequenceRetired	2040	500	SQ
ReferencedImageEvidenceSequence	8	9092	SQ
ReferencedImageNavigationSequence	48	200	SQ
ReferencedImageOverlayBoxSequenceRetired	2020	130	SQ
ReferencedImageRealWorldValueMappingSequence	40	9094	SQ
ReferencedImageSequence	8	1140	SQ
ReferencedImplantTemplateGroupMemberId	78	00B6	US
ReferencedInstanceSequence	8	114A	SQ
ReferencedInterpretationSequenceRetired	4008	50	SQ
ReferenceDisplaySets	72	218	US
ReferencedLateralSpreadingDeviceNumber	300C	102	IS
ReferencedMeasuredDoseReferenceNumber	3008	82	IS
ReferencedMeasuredDoseReferenceSequence	3008	80	SQ
ReferencedNonImageCompositeSopInstanceSequence	40	220	SQ
ReferencedObjectObservationClassTrialRetired	40	A174	CS
ReferencedObservationClassTrialRetired	40	A173	CS
ReferencedObservationUidTrialRetired	40	A172	UI
ReferencedOphthalmicAxialLengthMeasurementQcImageSequence	22	1330	SQ
ReferencedOphthalmicAxialMeasurementsSequence	22	1100	SQ
ReferencedOtherPlaneSequence	8	9410	SQ
ReferencedOverlayPlaneGroupsRetired	2040	11	US
ReferencedOverlayPlaneSequenceRetired	2040	10	SQ

ReferencedOverlaySequenceRetired	8	1130	SQ
ReferencedPatientAliasSequence	38	4	SQ
ReferencedPatientSequence	8	1120	SQ
ReferencedPatientSetupNumber	300C	006A	IS
ReferencedPerformedProcedureStepSequence	8	1111	SQ
ReferencedPresentationLutSequence	2050	500	SQ
ReferencedPresentationStateSequence	8	9237	SQ
ReferencedPrintJobSequencePullStoredPrintRetired	2100	500	SQ
ReferencedPrintJobSequenceRetired	2120	70	SQ
ReferencedProcedureStepSequenceRetired	40	330	SQ
ReferencedRangeModulatorNumber	300C	104	IS
ReferencedRangeShifterNumber	300C	100	IS
ReferencedRawDataSequence	8	9121	SQ
ReferencedRealWorldValueMappingInstanceSequence	8	114B	SQ
ReferencedReferenceImageNumber	300C	7	IS
ReferencedReferenceImageSequence	300C	42	SQ
ReferencedRefractiveMeasurementsSequence	46	145	SQ
ReferencedRelatedGeneralSopClassUidInFile	4	151A	UI
ReferencedRequestSequence	40	A370	SQ
ReferencedResultsSequenceRetired	8	1100	SQ
ReferencedRoiNumber	3006	84	IS
ReferencedRtPlanSequence	300C	2	SQ
ReferencedSamplePositions	40	A132	UL
ReferencedSegmentNumber	62	000B	US
ReferencedSeriesSequence	8	1115	SQ
ReferencedSetupImageSequence	300A	401	SQ
ReferencedSopClassUid	8	1150	UI
ReferencedSopClassUidInFile	4	1510	UI
ReferencedSopInstanceMacSequence	400	403	SQ
ReferencedSopInstanceUid	8	1155	UI
ReferencedSopInstanceUidInFile	4	1511	UI
ReferencedSopSequence	8	1199	SQ
ReferencedSourceApplicatorNumber	3008	142	IS
ReferencedSourceNumber	300C	000E	IS
ReferencedSpatialRegistrationSequence	70	404	SQ
ReferencedStartControlPointIndex	300C	00F4	IS
ReferencedStereometricInstanceSequence	8	1134	SQ
ReferencedStopControlPointIndex	300C	00F6	IS
ReferencedStorageMediaSequence	2200	000D	SQ
ReferencedStoredPrintSequenceRetired	2000	510	SQ
ReferencedStructureSetSequence	300C	60	SQ
ReferencedStudySequence	8	1110	SQ
ReferencedSurfaceNumber	66	002C	UL
ReferencedSurfaceSequence	66	002B	SQ
ReferencedTimeOffsets	40	A138	DS
ReferencedToleranceTableNumber	300C	00A0	IS
ReferencedTransferSyntaxUidInFile	4	1512	UI

ReferencedTreatmentRecordSequence	3008	30	SQ
ReferencedVerificationImageSequence	300C	40	SQ
ReferencedVisitSequence	8	1125	SQ
ReferencedVoiLutBoxSequenceRetired	2020	140	SQ
ReferencedWaveformChannels	40	A0B0	US
ReferencedWaveformSequence	8	113A	SQ
ReferencedWedgeNumber	300C	00C0	IS
ReferenceImageNumber	300A	00C8	IS
ReferencePixelPhysicalValueX	18	6028	FD
ReferencePixelPhysicalValueY	18	602A	FD
ReferencePixelX0	18	6020	SL
ReferencePixelY0	18	6022	SL
ReferenceRetired	20	1020	LO
ReferenceToRecordedSoundRetired	4008	103	LO
ReferringPhysicianIdentificationSequence	8	96	SQ
ReferringPhysiciansAddress	8	92	ST
ReferringPhysiciansName	8	90	PN
ReferringPhysiciansTelephoneNumbers	8	94	SH
ReflectedAmbientLight	2010	160	US
ReformattingInterval	72	514	FD
ReformattingOperationInitialViewDirection	72	516	CS
ReformattingOperationType	72	510	CS
ReformattingThickness	72	512	FD
RefractiveErrorBeforeRefractiveSurgeryCodeSequence	22	1103	SQ
RefractiveIndexApplied	52	003A	CS
RefractiveParametersUsedOnPatientSequence	24	112	SQ
RefractiveProcedureOccurred	22	1039	CS
RefractiveStateSequence	22	001B	SQ
RefractiveSurgeryTypeCodeSequence	22	1040	SQ
RegionDataType	18	6014	US
RegionFlags	18	6016	UL
RegionLocationMaxX1	18	601C	UL
RegionLocationMaxY1	18	601E	UL
RegionLocationMinX0	18	6018	UL
RegionLocationMinY0	18	601A	UL
RegionOfResidence	10	2152	LO
RegionPixelShiftSequence	28	9502	SQ
RegionSpatialFormat	18	6012	US
RegistrationSequence	70	308	SQ
RegistrationTypeCodeSequence	70	030D	SQ
RelatedFrameOfReferenceUid	3006	00C2	UI
RelatedGeneralSopClassUid	8	001A	UI
RelatedProcedureStepSequenceRetired	74	1220	SQ
RelatedReferenceRtImageSequence	74	1040	SQ
RelatedRtRoiObservationsSequence	3006	00A0	SQ
RelatedSeriesSequence	8	1250	SQ
RelationshipSequenceTrialRetired	40	A731	SQ

RelationshipType	40	A010	CS
RelationshipTypeCodeSequenceTrialRetired	40	A732	SQ
RelativeImagePositionCodeSequence	22	001D	SQ
RelativeOpacity	70	403	FL
RelativeTime	72	38	US
RelativeTimeUnits	72	003A	CS
RelativeXRayExposure	18	1405	IS
RelevantInformationSequence	40	4022	SQ
RepeatFractionCycleLength	300A	007A	IS
RepeatIntervalRetired	28	68	US
RepetitionTime	18	80	DS
ReplacedImplantAssemblyTemplateSequence	76	8	SQ
ReplacedImplantTemplateGroupSequence	78	26	SQ
ReplacedImplantTemplateSequence	68	6222	SQ
ReplacedProcedureStepSequence	74	1224	SQ
ReportDetailSequenceTrialRetired	40	A380	SQ
ReportedValuesOrigin	3002	000A	CS
ReportingPriority	40	1009	SH
ReportNumberRetired	20	00AA	IS
ReportProductionStatusTrialRetired	4008	00FF	CS
ReportStatusCommentTrialRetired	40	A33A	ST
ReportStatusIdTrialRetired	40	A125	CS
RepositoryUniqueld	40	E030	UI
RepresentativeFrameNumber	28	6010	US
ReprojectionMethod	54	1004	CS
RequestAttributesSequence	40	275	SQ
RequestedContrastAgent	32	1070	LO
RequestedDecimateCropBehavior	2020	40	CS
RequestedImageSize	2020	30	DS
RequestedImageSizeFlag	2020	00A0	CS
RequestedMediaApplicationProfile	2200	000C	LO
RequestedProcedureCodeSequence	32	1064	SQ
RequestedProcedureComments	40	1400	LT
RequestedProcedureDescription	32	1060	LO
RequestedProcedureDescriptionTrialRetired	40	1060	LO
RequestedProcedureId	40	1001	SH
RequestedProcedureLocation	40	1005	LO
RequestedProcedurePriority	40	1003	SH
RequestedResolutionId	2020	50	CS
RequestedSopClassUid	0	3	UI
RequestedSopInstanceUid	0	1001	UI
RequestedSubsequentWorkitemCodeSequence	40	4031	SQ
RequestingAe	74	1236	AE
RequestingPhysician	32	1032	PN
RequestingPhysicianIdentificationSequence	32	1031	SQ
RequestingService	32	1033	LO
RequestingServiceCodeSequence	32	1034	SQ

RequestPriority	2200	20	CS
RescaleIntercept	28	1052	DS
RescaleSlope	28	1053	DS
RescaleType	28	1054	LO
ResidualSyringeCounts	54	17	IS
ResonantNucleus	18	9100	CS
RespiratoryCyclePosition	18	9214	CS
RespiratoryIntervalTime	20	9254	FD
RespiratoryMotionCompensationTechnique	18	9170	CS
RespiratoryMotionCompensationTechniqueDescription	18	9185	ST
RespiratorySignalSource	18	9171	CS
RespiratorySignalSourceId	18	9186	SH
RespiratorySynchronizationSequence	20	9253	SQ
RespiratoryTriggerDelayThreshold	20	9256	FD
RespiratoryTriggerType	20	9250	CS
ResponsibleOrganization	10	2299	LO
ResponsiblePerson	10	2297	PN
ResponsiblePersonRole	10	2298	CS
ResultingGeneralPurposePerformedProcedureStepsSequence	40	4015	SQ
ResultsCommentsRetired	4008	4000	ST
ResultsDistributionListSequenceRetired	4008	118	SQ
ResultsIdIssuerRetired	4008	42	LO
ResultsIdRetired	4008	40	SH
ResultsNormalsSequence	24	64	SQ
RetestSensitivityValue	24	96	FL
RetestStimulusSeen	24	95	CS
RetrieveAeTitle	8	54	AE
RetrieveLocationUid	40	E011	UI
RetrieveUri	40	E010	UT
ReviewDate	300E	4	DA
ReviewerName	300E	8	PN
ReviewTime	300E	5	TM
RevolutionTime	18	9305	FD
RfEchoTrainLength	18	9240	US
RgbLutTransferFunction	28	140F	CS
RightImageSequence	22	22	SQ
RightLensSequence	46	14	SQ
RoiArea	6000	1301	IS
RoiContourSequence	3006	39	SQ
RoiDescription	3006	28	ST
RoiDisplayColor	3006	002A	IS
RoiElementalCompositionAtomicMassFraction	3006	00B8	FL
RoiElementalCompositionAtomicNumber	3006	00B7	US
RoiElementalCompositionSequence	3006	00B6	SQ
RoiGenerationAlgorithm	3006	36	CS
RoiGenerationDescription	3006	38	LO
RoiInterpreter	3006	00A6	PN

RoiMean		6000	1302	DS
RoiName		3006	26	LO
RoiNumber		3006	22	IS
RoiObservationDescription		3006	88	ST
RoiObservationLabel		3006	85	SH
RoiPhysicalPropertiesSequence		3006	00B0	SQ
RoiPhysicalProperty		3006	00B2	CS
RoiPhysicalPropertyValue		3006	00B4	DS
RoiStandardDeviation		6000	1303	DS
RoiVolume		3006	002C	DS
RotationAngle		70	230	FD
RotationDirection		18	1140	CS
RotationInformationSequence		54	52	SQ
RotationOffsetRetired		18	1146	DS
RotationOfScannedFilm		18	2030	DS
RotationPoint		70	273	FL
RotationVector		54	50	US
RouteId		4010	1054	SH
RouteIdAssigningAuthority		4010	1055	SH
RouteOfAdmissions		38	16	LO
RouteSegmentEndLocationId		4010	101F	SH
RouteSegmentEndTime		4010	1026	DT
RouteSegmentId		4010	1007	SH
RouteSegmentLocationIdType		4010	1020	CS
RouteSegmentSequence		4010	100A	SQ
RouteSegmentStartLocationId		4010	101E	SH
RouteSegmentStartTime		4010	1025	DT
RowOverlapRetired		28	93	US
RowPositionInTotalImagePixelMatrix		48	021E	SL
Rows		28	10	US
RRIntervalTimeNominal		20	9251	FD
RRIntervalVector		54	60	US
RtBeamLimitingDeviceType	300A		00B8	CS
RtDoseRoiSequence		3004	10	SQ
RtImageDescription		3002	4	ST
RtImageLabel		3002	2	SH
RtImageName		3002	3	LO
RtImageOrientation		3002	10	DS
RtImagePlane		3002	000C	CS
RtImagePosition		3002	12	DS
RtImageSid		3002	26	DS
RtPlanDate	300A		6	DA
RtPlanDescription	300A		4	ST
RtPlanGeometry	300A		000C	CS
RtPlanLabel	300A		2	SH
RtPlanName	300A		3	LO
RtPlanRelationship	300A		55	CS

RtPlanTime	300A	7	TM
RtReferencedSeriesSequence	3006	14	SQ
RtReferencedStudySequence	3006	12	SQ
RtRelatedRoiSequence	3006	30	SQ
RtRoiIdentificationCodeSequence	3006	86	SQ
RtRoiInterpretedType	3006	00A4	CS
RtRoiObservationsSequence	3006	80	SQ
RtRoiRelationship	3006	33	CS
RWavePointer	28	6040	US
RWaveTimeVector	18	6060	FL
SafePositionExitDate	3008	162	DA
SafePositionExitTime	3008	164	TM
SafePositionReturnDate	3008	166	DA
SafePositionReturnTime	3008	168	TM
SampleRateRetired	5000	2008	UL
SamplesPerPixel	28	2	US
SamplesPerPixelUsed	28	3	US
SamplingFrequency	003A	001A	DS
Sar	18	1316	DS
SaturationRecovery	18	9024	CS
ScanArc	18	1143	DS
ScanLength	18	1302	IS
ScanMode	300A	308	CS
ScanningSequence	18	20	CS
ScanningSpotSize	300A	398	FL
ScanOptions	18	22	CS
ScanSpotMetersetsDelivered	3008	47	FL
ScanSpotMetersetWeights	300A	396	FL
ScanSpotPositionMap	300A	394	FL
ScanSpotTuneId	300A	390	SH
ScanType	4010	1048	CS
ScanVelocity	18	1300	DS
ScatterCorrected	18	9760	CS
ScatterCorrectionMethod	54	1105	LO
ScatterFractionFactor	54	1323	DS
ScheduledAdmissionDateRetired	38	001A	DA
ScheduledAdmissionTimeRetired	38	001B	TM
ScheduledDischargeDateRetired	38	001C	DA
ScheduledDischargeTimeRetired	38	001D	TM
ScheduledHumanPerformersSequence	40	4034	SQ
ScheduledPatientInstitutionResidenceRetired	38	001E	LO
ScheduledPerformingPhysicianIdentificationSequence	40	000B	SQ
ScheduledPerformingPhysiciansName	40	6	PN
ScheduledProcedureStepDescription	40	7	LO
ScheduledProcedureStepEndDate	40	4	DA
ScheduledProcedureStepEndTime	40	5	TM
ScheduledProcedureStepId	40	9	SH

ScheduledProcedureStepLocation	40	11	SH
ScheduledProcedureStepModificationDateTime	40	4010	DT
ScheduledProcedureStepPriority	74	1200	CS
ScheduledProcedureStepSequence	40	100	SQ
ScheduledProcedureStepStartDate	40	2	DA
ScheduledProcedureStepStartDatetime	40	4005	DT
ScheduledProcedureStepStartTime	40	3	TM
ScheduledProcedureStepStatus	40	20	CS
ScheduledProcessingApplicationsCodeSequence	40	4004	SQ
ScheduledProcessingParametersSequence	74	1210	SQ
ScheduledProtocolCodeSequence	40	8	SQ
ScheduledSpecimenSequence	40	500	SQ
ScheduledStationAeTitle	40	1	AE
ScheduledStationClassCodeSequence	40	4026	SQ
ScheduledStationGeographicLocationCodeSequence	40	4027	SQ
ScheduledStationName	40	10	SH
ScheduledStationNameCodeSequence	40	4025	SQ
ScheduledStepAttributesSequence	40	270	SQ
ScheduledStudyLocationAeTitleRetired	32	1021	AE
ScheduledStudyLocationRetired	32	1020	LO
ScheduledStudyStartDateRetired	32	1000	DA
ScheduledStudyStartTimeRetired	32	1001	TM
ScheduledStudyStopDateRetired	32	1010	DA
ScheduledStudyStopTimeRetired	32	1011	TM
ScheduledWorkitemCodeSequence	40	4018	SQ
ScpStatus	74	1242	CS
ScreeningBaselineMeasured	24	120	CS
ScreeningBaselineMeasuredSequence	24	122	SQ
ScreeningBaselineType	24	124	CS
ScreeningBaselineValue	24	126	FL
ScreeningTestModeCodeSequence	24	16	SQ
ScreenMinimumColorBitDepth	72	010C	US
ScreenMinimumGrayscaleBitDepth	72	010A	US
SeamLineIndex	52	36	US
SeamLineLocation	52	33	FD
SecondaryCaptureDeviceId	18	1010	LO
SecondaryCaptureDeviceManufacturer	18	1016	LO
SecondaryCaptureDeviceManufacturersModelName	18	1018	LO
SecondaryCaptureDeviceSoftwareVersions	18	1019	LO
SecondaryCountsAccumulated	54	1311	IS
SecondaryCountsType	54	1220	CS
SecondaryPositionerIncrement	18	9515	FL
SecondaryPositionerScanArc	18	9509	FL
SecondaryPositionerScanStartAngle	18	9511	FL
SegmentAlgorithmName	62	9	LO
SegmentAlgorithmType	62	8	CS
SegmentationFractionalType	62	10	CS

SegmentationType	62	1	CS
SegmentDescription	62	6	ST
SegmentedBluePaletteColorLookupTableData	28	1223	OW
SegmentedGreenPaletteColorLookupTableData	28	1222	OW
SegmentedKSpaceTraversal	18	9033	CS
SegmentedPropertyCategoryCodeSequence	62	3	SQ
SegmentedPropertyTypeCodeSequence	62	000F	SQ
SegmentedRedPaletteColorLookupTableData	28	1221	OW
SegmentIdentificationSequence	62	000A	SQ
SegmentLabel	62	5	LO
SegmentNumber	62	4	US
SegmentSequence	62	2	SQ
SegmentSurfaceGenerationAlgorithmIdentificationSequence	66	002D	SQ
SegmentSurfaceSourceInstanceSequence	66	002E	SQ
SelectedSegmentalOphthalmicAxialLengthSequence	22	1257	SQ
SelectedTotalOphthalmicAxialLengthSequence	22	1260	SQ
SelectorAttribute	72	26	AT
SelectorAttributePrivateCreator	72	56	LO
SelectorAttributeVr	72	50	CS
SelectorAtValue	72	60	AT
SelectorCodeSequenceValue	72	80	SQ
SelectorCsValue	72	62	CS
SelectorDsValue	72	72	DS
SelectorFdValue	72	74	FD
SelectorFValue	72	76	FL
SelectorIsValue	72	64	IS
SelectorLoValue	72	66	LO
SelectorLtValue	72	68	LT
SelectorPnValue	72	006A	PN
SelectorSequencePointer	72	52	AT
SelectorSequencePointerItems	74	1057	IS
SelectorSequencePointerPrivateCreator	72	54	LO
SelectorShValue	72	006C	SH
SelectorSValue	72	007C	SL
SelectorSsValue	72	007E	SS
SelectorStValue	72	006E	ST
SelectorUIValue	72	78	UL
SelectorUsValue	72	007A	US
SelectorUtValue	72	70	UT
SelectorValueNumber	72	28	US
Sensitivity	18	6000	DS
SensitivityCalibrated	18	9767	CS
SensitivityValue	24	94	FL
SensorName	14	3022	DS
SensorTemperature	14	3028	DS
SequenceName	18	24	SH
SequenceOfCompressedDataRetired	28	403	LO

SequenceOfUltrasoundRegions		18	6011	SQ
SequenceVariant		18	21	CS
SequencingIndicatorTrialRetired		40	A060	LO
SeriesDate		8	21	DA
SeriesDescription		8	103E	LO
SeriesDescriptionCodeSequence		8	103F	SQ
SeriesInstanceUid		20	000E	UI
SeriesInStudyRetired		20	1000	IS
SeriesNumber		20	11	IS
SeriesTime		8	31	TM
SeriesType		54	1000	CS
ServiceEpisodeDescription		38	62	LO
ServiceEpisodeId		38	60	LO
SetupDeviceDescription	300A		01BA	ST
SetupDeviceLabel	300A		01B8	SH
SetupDeviceParameter	300A		01BC	DS
SetupDeviceSequence	300A		01B4	SQ
SetupDeviceType	300A		01B6	CS
SetupImageComment	300A		402	ST
SetupReferenceDescription	300A		01D0	ST
SetupTechnique	300A		01B0	CS
SetupTechniqueDescription	300A		01B2	ST
ShadowColorCielabValue		70	247	US
ShadowOffsetX		70	245	FL
ShadowOffsetY		70	246	FL
ShadowOpacity		70	258	FL
ShadowStyle		70	244	CS
ShapeType		70	306	CS
SharedFunctionalGroupsSequence		5200	9229	SQ
ShieldingDeviceDescription	300A		01A6	ST
ShieldingDeviceLabel	300A		01A4	SH
ShieldingDevicePosition	300A		01A8	SH
ShieldingDeviceSequence	300A		01A0	SQ
ShieldingDeviceType	300A		01A2	CS
ShortTermFluctuation		24	75	FL
ShortTermFluctuationCalculated		24	74	CS
ShortTermFluctuationProbability		24	77	FL
ShortTermFluctuationProbabilityCalculated		24	76	CS
ShowAcquisitionTechniquesFlag		72	716	CS
ShowGraphicAnnotationFlag		72	712	CS
ShowGrayscaleInverted		72	706	CS
ShowImageTrueSizeFlag		72	710	CS
ShowPatientDemographicsFlag		72	714	CS
ShowTickLabel		70	278	CS
ShutterLeftVerticalEdge		18	1602	IS
ShutterLowerHorizontalEdge		18	1608	IS
ShutterOverlayGroup		18	1623	US

ShutterPresentationColorCielabValue	18	1624	US
ShutterPresentationValue	18	1622	US
ShutterRightVerticalEdge	18	1604	IS
ShutterShape	18	1600	CS
ShutterUpperHorizontalEdge	18	1606	IS
SignalDomainColumns	28	9003	CS
SignalDomainRows	28	9235	CS
SignalToNoiseRatio	22	1155	FL
Signature	400	120	OB
SimpleFrameList	8	1161	UL
SingleCollimationWidth	18	9306	FD
SkipBeats	18	1086	IS
SkipFrameRangeFlag	8	9460	CS
SlabOrientation	18	9105	FD
SlabThickness	18	9104	FD
SliceLocation	20	1041	DS
SliceLocationVector	18	2005	DS
SliceProgressionDirection	54	500	CS
SliceSensitivityFactor	54	1320	DS
SliceThickness	18	50	DS
SliceVector	54	80	US
SlideIdentifierRetired	40	06FA	LO
SmallestImagePixelValue	28	106	US
SmallestImagePixelValueInPlaneRetired	28	110	US
SmallestPixelValueInSeries	28	108	US
SmallestValidPixelValueRetired	28	104	US
SmokingStatus	10	21A0	CS
SmoothingType	2010	80	CS
SnoutId	300A	030F	SH
SnoutPosition	300A	030D	FL
SnoutPositionTolerance	300A	004B	FL
SnoutSequence	300A	030C	SQ
SoftcopyVoiLutSequence	28	3110	SQ
SoftTissueFocusThermalIndex	18	5028	DS
SoftTissueSurfaceThermalIndex	18	5029	DS
SoftTissueThermalIndex	18	5027	DS
SoftwareVersions	18	1020	LO
SopAuthorizationComment	100	424	LT
SopAuthorizationDatetime	100	420	DT
SopClassesInStudy	8	62	UI
SopClassesSupported	8	115A	UI
SopClassUid	8	16	UI
SopInstanceStatus	100	410	CS
SopInstanceUid	8	18	UI
SopInstanceUidOfConcatenationSource	20	242	UI
SortByCategory	72	602	CS
SortingDirection	72	604	CS

SortingOperationsSequence	72	600	SQ
SoundPathLength	14	405A	DS
SourceApplicationEntityTitle	2	16	AE
SourceApplicatorId	300A	291	SH
SourceApplicatorLength	300A	296	DS
SourceApplicatorManufacturer	300A	298	LO
SourceApplicatorName	300A	294	LO
SourceApplicatorNumber	300A	290	IS
SourceApplicatorStepSize	300A	02A0	DS
SourceApplicatorType	300A	292	CS
SourceApplicatorWallNominalThickness	300A	029C	DS
SourceApplicatorWallNominalTransmission	300A	029E	DS
SourceAxisDistance	300A	00B4	DS
SourceEncapsulationNominalThickness	300A	222	DS
SourceEncapsulationNominalTransmission	300A	224	DS
SourceFrameOfReferenceUid	64	3	UI
SourceHangingProtocolSequence	72	12	SQ
SourceImageEvidenceSequence	8	9154	SQ
SourceImageIdsRetired	20	3100	CS
SourceImageSequence	8	2112	SQ
SourceInstanceSequence	42	13	SQ
SourceIsotopeHalfLife	300A	228	DS
SourceIsotopeName	300A	226	LO
SourceManufacturer	300A	216	LO
SourceMovementType	300A	288	CS
SourceNumber	300A	212	IS
SourceOfAnteriorChamberDepthDataCodeSequence	22	1133	SQ
SourceOfLensThicknessDataCodeSequence	22	1132	SQ
SourceOfOphthalmicAxialLengthCodeSequence	22	1035	SQ
SourceOfPreviousValues	400	564	LO
SourceOfRefractiveErrorDataCodeSequence	22	1135	SQ
SourceOrientation	4010	1060	FL
SourcePosition	4010	1061	FL
SourceSequence	300A	210	SQ
SourceSerialNumber	3008	105	LO
SourceStrength	300A	022B	DS
SourceStrengthReferenceDate	300A	022C	DA
SourceStrengthReferenceTime	300A	022E	TM
SourceStrengthUnits	300A	229	CS
SourceToApplicatorMountingPositionDistance	300A	436	FL
SourceToBeamLimitingDeviceDistance	300A	00BA	DS
SourceToBlockTrayDistance	300A	00F6	DS
SourceToCompensatorDistance	300A	2.00E+02	DS
SourceToCompensatorTrayDistance	300A	0.00E+00	DS
SourceToReferenceObjectDistance	3002	28	DS
SourceToSurfaceDistance	300A	130	DS
SourceToWedgeTrayDistance	300A	00DA	DS

SourceType	300A	214	CS
SourceWaveformSequence	003A	020A	SQ
SpacingBetweenSlices	18	88	DS
SpatialLocationsPreserved	28	135A	CS
SpatialPreSaturation	18	9027	CS
SpatialResolution	18	1050	DS
SpecialNeeds	38	50	LO
SpecificAbsorptionRateDefinition	18	9179	CS
SpecificAbsorptionRateSequence	18	9239	SQ
SpecificAbsorptionRateValue	18	9181	FD
SpecificCharacterSet	8	5	CS
SpecificCharacterSetOfFileSetDescriptorFile	4	1142	CS
SpecifiedChannelTotalTime	3008	132	DS
SpecifiedMeterset	3008	42	DS
SpecifiedNumberOfPulses	3008	136	IS
SpecifiedPrimaryMeterset	3008	32	DS
SpecifiedPulseRepetitionInterval	3008	013A	DS
SpecifiedSecondaryMeterset	3008	33	DS
SpecifiedTreatmentTime	3008	003A	DS
SpecimenAccessionNumberRetired	40	050A	LO
SpecimenDescriptionSequence	40	560	SQ
SpecimenDescriptionSequenceTrialRetired	40	552	SQ
SpecimenDescriptionTrialRetired	40	553	ST
SpecimenDetailedDescription	40	602	UT
SpecimenIdentifier	40	551	LO
SpecimenLabelInImage	48	10	CS
SpecimenLocalizationContentItemSequence	40	620	SQ
SpecimenPreparationSequence	40	610	SQ
SpecimenPreparationStepContentItemSequence	40	612	SQ
SpecimenReferenceSequence	48	110	SQ
SpecimenSequenceRetired	40	550	SQ
SpecimenShortDescription	40	600	LO
SpecimenTypeCodeSequence	40	059A	SQ
SpecimenUid	40	554	UI
SpectrallySelectedExcitation	18	9026	CS
SpectrallySelectedSuppression	18	9025	CS
SpectralWidth	18	9052	FD
SpectroscopyAcquisitionDataColumns	18	9127	UL
SpectroscopyAcquisitionOutOfPlanePhaseSteps	18	9159	UL
SpectroscopyAcquisitionPhaseColumns	18	9234	UL
SpectroscopyAcquisitionPhaseRows	18	9095	UL
SpectroscopyData	5600	20	OF
SpherePower	46	146	FD
SphericalLensPower	22	7	FL
SpiralPitchFactor	18	9311	FD
Spoiling	18	9016	CS
StackId	20	9056	SH

StageCodeSequence	40	000A	SQ
StageName	8	2120	SH
StageNumber	8	2122	IS
StartAcquisitionDatetime	18	9516	DT
StartAngle	54	200	DS
StartCardiacTriggerCountThreshold	18	9717	FD
StartCumulativeMetersetWeight	300C	8	DS
StartDensityThreshold	18	9715	FD
StartingRespiratoryAmplitude	20	9246	FL
StartingRespiratoryPhase	20	9247	CS
StartMeterset	3008	78	DS
StartRelativeDensityDifferenceThreshold	18	9716	FD
StartRespiratoryTriggerCountThreshold	18	9718	FD
StartTrim	8	2142	IS
StationName	8	1010	SH
Status	0	900	US
SteadyStatePulseSequence	18	9017	CS
SteepKeratometricAxisSequence	46	74	SQ
SteeringAngle	18	6036	FD
StereoBaselineAngle	22	10	FL
StereoBaselineDisplacement	22	11	FL
StereoHorizontalPixelOffset	22	12	FL
StereoPairsSequence	22	20	SQ
StereoRotation	22	14	FL
StereoVerticalPixelOffset	22	13	FL
StimuliRetestingQuantity	24	42	US
StimulusArea	24	25	FL
StimulusColorCodeSequence	24	21	SQ
StimulusPresentationTime	24	28	FL
StimulusResults	24	93	CS
StopTrim	8	2143	IS
StorageMediaFileSetId	88	130	SH
StorageMediaFileSetUid	88	140	UI
StructuredDisplayBackgroundCielabValue	72	420	US
StructuredDisplayImageBoxSequence	72	422	SQ
StructuredDisplayTextBoxSequence	72	424	SQ
StructureSetDate	3006	8	DA
StructureSetDescription	3006	6	ST
StructureSetLabel	3006	2	SH
StructureSetName	3006	4	LO
StructureSetRoiSequence	3006	20	SQ
StructureSetTime	3006	9	TM
StudiesContainingOtherReferencedInstancesSequence	8	1200	SQ
StudyArrivalDateRetired	32	1040	DA
StudyArrivalTimeRetired	32	1041	TM
StudyCommentsRetired	32	4000	LT
StudyCompletionDateRetired	32	1050	DA

StudyCompletionTimeRetired	32	1051	TM
StudyComponentStatusIdRetired	32	1055	CS
StudyDate	8	20	DA
StudyDescription	8	1030	LO
StudyId	20	10	SH
StudyIdIssuerRetired	32	12	LO
StudyInstanceId	20	000D	UI
StudyPriorityIdRetired	32	000C	CS
StudyReadDateRetired	32	34	DA
StudyReadTimeRetired	32	35	TM
StudyStatusIdRetired	32	000A	CS
StudyTime	8	30	TM
StudyVerifiedDateRetired	32	32	DA
StudyVerifiedTimeRetired	32	33	TM
SubjectiveRefractionLeftEyeSequence	46	98	SQ
SubjectiveRefractionRightEyeSequence	46	97	SQ
SubscriptionListStatus	74	1244	CS
SubstanceAdministrationApproval	44	2	CS
SubstanceAdministrationDatetime	44	10	DT
SubstanceAdministrationDeviceId	44	12	LO
SubstanceAdministrationNotes	44	11	LO
SubstanceAdministrationParameterSequence	44	19	SQ
SubtractionItemId	28	9416	US
SupportedImageDisplayFormatsSequence	2000	00A8	SQ
SurfaceComments	66	4	LT
SurfaceCount	66	002A	UL
SurfaceEntryPoint	300A	012E	DS
SurfaceMeshPrimitivesSequence	66	13	SQ
SurfaceModelDescriptionSequence	68	6360	SQ
SurfaceModelLabel	68	6380	LO
SurfaceModelScalingFactor	68	6390	FD
SurfaceNumber	66	3	UL
SurfacePointsNormalsSequence	66	12	SQ
SurfacePointsSequence	66	11	SQ
SurfaceProcessing	66	9	CS
SurfaceProcessingAlgorithmIdentificationSequence	66	35	SQ
SurfaceProcessingDescription	66	000B	LO
SurfaceProcessingRatio	66	000A	FL
SurfaceSequence	66	2	SQ
SurgicalTechnique	76	30	LO
SuvType	54	1006	CS
SynchronizationChannel	18	106C	US
SynchronizationFrameOfReferenceUid	20	200	UI
SynchronizationTrigger	18	106A	CS
SynchronizedImageBoxList	72	432	US
SynchronizedScrollingSequence	72	210	SQ
SyringeCounts	18	1045	IS

T2Preparation		18	9021	CS
TableAngle		18	1138	DS
TableCradleTiltAngle		18	9471	FL
TableFeedPerRotation		18	9310	FD
TableFrameOfReferenceUid		20	9313	UI
TableHeadTiltAngle		18	9470	FL
TableHeight		18	1130	DS
TableHorizontalRotationAngle		18	9469	FL
TableLaterallIncrement		18	1136	DS
TableLongitudinalIncrement		18	1137	DS
TableMotion		18	1134	CS
TableOfParameterValues		18	605A	FL
TableOfPixelValues		18	6058	UL
TableOfXBreakPoints		18	6052	UL
TableOfYBreakPoints		18	6054	FD
TablePosition		18	9327	FD
TablePositionSequence		18	9406	SQ
TableSpeed		18	9309	FD
TableTopEccentricAdjustedAngle		74	102B	FD
TableTopEccentricAngle	300A		125	DS
TableTopEccentricAngleTolerance	300A		004E	DS
TableTopEccentricAxisDistance	300A		124	DS
TableTopEccentricRotationDirection	300A		126	CS
TableTopLateralAdjustedPosition		74	1028	FD
TableTopLateralPosition	300A		012A	DS
TableTopLateralPositionTolerance	300A		53	DS
TableTopLateralSetupDisplacement	300A		01D6	DS
TableTopLongitudinalAdjustedPosition		74	1027	FD
TableTopLongitudinalPosition	300A		129	DS
TableTopLongitudinalPositionTolerance	300A		52	DS
TableTopLongitudinalSetupDisplacement	300A		01D4	DS
TableTopPitchAdjustedAngle		74	102C	FD
TableTopPitchAngle	300A		140	FL
TableTopPitchAngleTolerance	300A		004F	FL
TableTopPitchRotationDirection	300A		142	CS
TableTopRollAdjustedAngle		74	102D	FD
TableTopRollAngle	300A		144	FL
TableTopRollAngleTolerance	300A		50	FL
TableTopRollRotationDirection	300A		146	CS
TableTopVerticalAdjustedPosition		74	1026	FD
TableTopVerticalPosition	300A		128	DS
TableTopVerticalPositionTolerance	300A		51	DS
TableTopVerticalSetupDisplacement	300A		01D2	DS
TableTraverse		18	1131	DS
TableType		18	113A	CS
TableVerticalIncrement		18	1135	DS
TableXPositionTolsocenter		18	9466	FL

TableYPositionTolsocenter		18	9467	FL
TableZPositionTolsocenter		18	9468	FL
TagAngleFirstAxis		18	9019	FD
TagAngleSecondAxis		18	9219	SS
Tagging		18	9028	CS
TaggingDelay		18	9184	FD
TagSpacingFirstDimension		18	9030	FD
TagSpacingSecondDimension		18	9218	FD
TagThickness		18	9035	FD
TargetExposureIndex		18	1412	DS
TargetMaximumDose	300A		27	DS
TargetMinimumDose	300A		25	DS
TargetPrescriptionDose	300A		26	DS
TargetRefraction		22	1037	FL
TargetUnderdoseVolumeFraction	300A		28	DS
TdrType		4010	1027	CS
TelephoneNumberTrialRetired		40	A354	LO
TemplateExtensionCreatorUidRetired		40	DB0D	UI
TemplateExtensionFlagRetired		40	DB0B	CS
TemplateExtensionOrganizationUidRetired		40	DB0C	UI
TemplateIdentifier		40	DB00	CS
TemplateLocalVersionRetired		40	DB07	DT
TemplateName	300A		244	LO
TemplateNumber	300A		240	IS
TemplateType	300A		242	SH
TemplateVersionRetired		40	DB06	DT
TemporalPositionIdentifier		20	100	IS
TemporalPositionIndex		20	9128	UL
TemporalPositionSequence		20	9310	SQ
TemporalPositionTimeOffset		20	930D	FD
TemporalRangeType		40	A130	CS
TemporalResolution		20	110	DS
TerminationCardiacTriggerCountThreshold		18	9723	FD
TerminationCountsThreshold		18	9719	FD
TerminationDensityThreshold		18	9720	FD
TerminationRelativeDensityThreshold		18	9721	FD
TerminationRespiratoryTriggerCountThreshold		18	9724	FD
TerminationTimeThreshold		18	9722	FD
TestPointNormalsDataFlag		24	57	CS
TestPointNormalsSequence		24	58	SQ
TextColorCielabValue		70	241	US
TextCommentsRetired		4000	4000	LT
TextObjectSequence		70	8	SQ
TextString		2030	20	LO
TextStyleSequence		70	231	SQ
TextValue		40	A160	UT
TherapyDescriptionRetired		18	39	CS

TherapyTypeRetired	18	37	CS
ThreatCategory	4010	1012	CS
ThreatCategoryDescription	4010	1013	LT
ThreatDetectionAlgorithmAndVersion	4010	1029	LO
ThreatRoiBase	4010	1004	FL
ThreatRoiBitmap	4010	1006	OB
ThreatRoiExtents	4010	1005	FL
ThreatRoiVoxelSequence	4010	1001	SQ
ThreatSequence	4010	1011	SQ
ThreeDDegreeOfFreedomAxis	68	6490	FD
ThreeDImplantTemplateGroupMemberMatchingAxes	78	60	FD
ThreeDImplantTemplateGroupMemberMatchingPoint	78	50	FD
ThreeDLineCoordinates	68	65D0	FD
ThreeDMatingAxes	68	64D0	FD
ThreeDMatingPoint	68	64C0	FD
ThreeDPlaneNormal	68	6620	FD
ThreeDPlaneOrigin	68	6610	FD
ThreeDPointCoordinates	68	6590	FD
ThreeDRenderingType	72	520	CS
ThresholdDensityRetired	2040	100	CS
TickAlignment	70	274	CS
TickLabel	70	289	SH
TickLabelAlignment	70	279	CS
TickPosition	70	288	FL
TidOffset	28	6120	SS
Time	40	A122	TM
TimeBasedImageSetsSequence	72	30	SQ
TimeDistributionProtocol	18	1802	CS
TimeDomainFiltering	18	9065	CS
TimeOfDocumentCreationOrVerbalTransactionTrialRetired	40	A112	TM
TimeOfFlightContrast	18	9015	CS
TimeOfFlightInformationUsed	18	9755	CS
TimeOfGainCalibration	14	3077	TM
TimeOfLastCalibration	18	1201	TM
TimeOfLastDetectorCalibration	18	700E	TM
TimeOfSecondaryCapture	18	1014	TM
TimeRange	8	1163	FD
TimeSliceVector	54	100	US
TimeSlotInformationSequence	54	72	SQ
TimeSlotNumberRetired	20	17	IS
TimeSlotTime	54	73	DS
TimeSlotVector	54	70	US
TimeSource	18	1801	SH
TimezoneOffsetFromUtc	8	201	SH
TipType	4010	1039	CS
TissueHeterogeneityCorrection	3004	14	CS
TmLinePositionX0	18	603D	SL

TmLinePositionX0Retired		18	603C	UL
TmLinePositionX1		18	6041	SL
TmLinePositionX1Retired		18	6040	UL
TmLinePositionY0		18	603F	SL
TmLinePositionY0Retired		18	603E	UL
TmLinePositionY1		18	6043	SL
TmLinePositionY1Retired		18	6042	UL
ToleranceTableLabel	300A		43	SH
ToleranceTableNumber	300A		42	IS
ToleranceTableSequence	300A		40	SQ
TomoAngle		18	1470	DS
TomoClass		18	1491	CS
TomoLayerHeight		18	1460	DS
TomoTime		18	1480	DS
TomoType		18	1490	CS
TopicAuthorRetired		88	910	LO
TopicKeywordsRetired		88	912	LO
TopicSubjectRetired		88	906	ST
TopicTitleRetired		88	904	LO
TopLeftHandCornerOfLocalizerArea		48	201	US
TotalBlockTrayFactor	300A		00F2	DS
TotalBlockTrayWaterEquivalentThickness	300A		00F3	FL
TotalCollimationWidth		18	9307	FD
TotalCompensatorTrayFactor	300A		0.00E+00	DS
TotalCompensatorTrayWaterEquivalentThickness	300A		2.00E+03	FL
TotalGainRetired		18	5040	DS
TotalNumberOfExposures		40	301	US
TotalNumberOfPiecesOfMediaCreated		2200	000B	US
TotalPixelMatrixColumns		48	6	UL
TotalPixelMatrixOriginSequence		48	8	SQ
TotalPixelMatrixRows		48	7	UL
TotalProcessingTime		4010	1069	FL
TotalReferenceAirKerma	300A		250	DS
TotalTimeOfFluoroscopy		40	300	US
TotalTimeRetired		5000	200A	UL
TotalWedgeTrayWaterEquivalentThickness	300A		00D7	FL
TransactionUid		8	1195	UI
TransducerApplicationCodeSequence		18	980F	SQ
TransducerBeamSteeringCodeSequence		18	980E	SQ
TransducerData		18	5010	LO
TransducerFrequency		18	6030	UL
TransducerGeometryCodeSequence		18	980D	SQ
TransducerOrientationModifierSequenceRetired		8	2246	SQ
TransducerOrientationRetired		8	2204	CS
TransducerOrientationSequenceRetired		8	2244	SQ
TransducerPositionModifierSequenceRetired		8	2242	SQ
TransducerPositionRetired		8	2200	CS

TransducerPositionSequenceRetired		8	2240	SQ
TransducerScanPatternCodeSequence		18	9809	SQ
TransducerType		18	6031	CS
TransferSyntaxUid		2	10	UI
TransferTubeLength	300A		02A4	DS
TransferTubeNumber	300A		02A2	IS
TransformDescription		14	2222	ST
TransformedAxisUnits		14	2228	CS
TransformLabelRetired		28	400	LO
TransformNumberOfAxes		14	2224	IS
TransformOrderOfAxes		14	2226	IS
TransformVersionNumberRetired		28	401	LO
TransmitCoilManufacturerName		18	9050	LO
TransmitCoilName		18	1251	SH
TransmitCoilType		18	9051	CS
TransmitterFrequency		18	9098	FD
TransmitTransducerSequence		14	4010	SQ
TransmitTransducerSettingsSequence		14	4050	SQ
TransportClassification		4010	1067	CS
TransverseDetectorSeparation		18	9726	FD
TransverseMash		54	1202	IS
TreatmentControlPointDate		3008	24	DA
TreatmentControlPointTime		3008	25	TM
TreatmentDate		3008	250	DA
TreatmentDeliveryType	300A		00CE	CS
TreatmentMachineName	300A		00B2	SH
TreatmentMachineSequence	300A		206	SQ
TreatmentProtocols	300A		9	LO
TreatmentSessionApplicationSetupSequence		3008	110	SQ
TreatmentSessionBeamSequence		3008	20	SQ
TreatmentSessionIonBeamSequence		3008	21	SQ
TreatmentSites	300A		000B	LO
TreatmentStatusComment		3008	202	ST
TreatmentSummaryCalculatedDoseReferenceSequence		3008	50	SQ
TreatmentSummaryMeasuredDoseReferenceSequence		3008	0.00E+00	SQ
TreatmentTerminationCode		3008	002B	SH
TreatmentTerminationStatus		3008	002A	CS
TreatmentTime		3008	251	TM
TreatmentVerificationStatus		3008	002C	CS
TriangleFanSequence		66	27	SQ
TrianglePointIndexList		66	23	OW
TriangleStripSequence		66	26	SQ
TriggerSamplePosition		18	106E	UL
TriggerSourceOrType		18	1061	LO
TriggerTime		18	1060	DS
TriggerTimeOffset		18	1069	DS
TriggerVector		54	210	IS

TriggerWindow	18	1094	IS
Trim	2010	140	CS
TubeAngle	18	9303	FD
TwoDDegreeOfFreedomAxis	68	64F0	FD
TwoDDegreeOfFreedomSequence	68	6470	SQ
TwoDImplantTemplateGroupMemberMatchingAxes	78	00A0	FD
TwoDImplantTemplateGroupMemberMatchingPoint	78	90	FD
TwoDLineCoordinates	68	65B0	FD
TwoDLineCoordinatesSequence	68	65A0	SQ
TwoDMatingAxes	68	6460	FD
TwoDMatingFeatureCoordinatesSequence	68	6430	SQ
TwoDMatingPoint	68	6450	FD
TwoDPlaneCoordinatesSequence	68	6.50E+01	SQ
TwoDPlaneIntersection	68	65F0	FD
TwoDPointCoordinates	68	6560	FD
TwoDPointCoordinatesSequence	68	6550	SQ
TypeOfDataRetired	5000	20	CS
TypeOfDetectorMotion	54	202	CS
TypeOfFilters	18	1161	LO
TypeOfInstances	40	E020	CS
TypeOfPatientId	10	22	CS
TypeOfSynchronization	72	434	CS
Uid	40	A124	UI
UltrasoundAcquisitionGeometry	20	9307	CS
UltrasoundColorDataPresent	28	14	US
UltrasoundOphthalmicAxialLengthMeasurementsSequence	22	1220	SQ
UltrasoundSelectedOphthalmicAxialLengthSequence	22	1230	SQ
Underlined	70	248	CS
UnformattedTextValue	70	6	ST
UnifiedProcedureStepListStatus	74	1246	CS
UnifiedProcedureStepPerformedProcedureSequence	74	1216	SQ
UniformResourceLocatorTrialRetired	40	A992	ST
Units	54	1001	CS
UniversalEntityId	40	32	UT
UniversalEntityIdType	40	33	CS
UnspecifiedLateralityLensSequence	46	16	SQ
UpperLowerPixelValuesRetired	18	1240	IS
UrgencyOrPriorityAlertsTrialRetired	40	A057	CS
UsedFiducialsSequence	70	314	SQ
UsImageDescriptionSequence	18	9806	SQ
ValueType	40	A040	CS
VariableCoefficientsSddnRetired	7F00	40	OW
VariableCoefficientsSdhnRetired	7F00	30	OW
VariableCoefficientsSdvnRetired	7F00	20	OW
VariableFlipAngleFlag	18	1315	CS
VariableNextDataGroupRetired	7F00	11	US
VariablePixelDataRetired	7F00	10	OW

VectorAccuracy	66	20	FL
VectorCoordinateData	66	21	OF
VectorDimensionality	66	001F	US
VectorGridData	64	9	OF
VelocityEncodingAcquisitionSequence	18	9092	SQ
VelocityEncodingDirection	18	9090	FD
VelocityEncodingMaximumValue	18	9217	FD
VelocityEncodingMinimumValue	18	9091	FD
VelocityOfSound	14	4064	DS
VerbalSourceIdentifierCodeSequenceTrialRetired	40	A358	SQ
VerbalSourceTrialRetired	40	A352	PN
VerificationDateTime	40	A030	DT
VerificationFlag	40	A493	CS
VerificationImageTiming	74	1032	CS
VerifyingObserverIdentificationCodeSequence	40	A088	SQ
VerifyingObserverName	40	A075	PN
VerifyingObserverSequence	40	A073	SQ
VerifyingOrganization	40	A027	LO
VertexPointIndexList	66	25	OW
VerticalAlignment	70	243	CS
VerticalOffsetOfSensor	14	3026	DS
VerticalPrismBase	46	36	CS
VerticalPrismPower	46	34	FD
VerticesOfThePolygonalCollimator	18	1720	IS
VerticesOfThePolygonalExposureControlSensingRegion	18	9442	SS
VerticesOfThePolygonalShutter	18	1620	IS
VerticesOfTheRegion	28	9503	SS
VideoImageFormatAcquired	18	1022	SH
ViewCodeSequence	54	220	SQ
ViewingDistance	46	106	FD
ViewingDistanceType	46	125	CS
ViewModifierCodeSequence	54	222	SQ
ViewName	8	2127	SH
ViewNumber	8	2128	IS
ViewOrientationCodeSequence	68	6.20E+01	SQ
ViewOrientationModifier	68	62F0	FD
ViewPosition	18	5101	CS
VirtualSourceAxisDistances	300A	030A	FL
VisitComments	38	4000	LT
VisitStatusId	38	8	CS
VisualAcuityBothEyesOpenSequence	46	124	SQ
VisualAcuityLeftEyeSequence	46	123	SQ
VisualAcuityMeasurementSequence	24	110	SQ
VisualAcuityModifiers	46	135	SS
VisualAcuityRightEyeSequence	46	122	SQ
VisualAcuityTypeCodeSequence	46	121	SQ
VisualFieldCatchTrialSequence	24	34	SQ

VisualFieldGlobalResultsIndexSequence	24	320	SQ
VisualFieldHorizontalExtent	24	10	FL
VisualFieldMeanSensitivity	24	70	FL
VisualFieldShape	24	12	CS
VisualFieldTestDuration	24	88	FL
VisualFieldTestNormalsFlag	24	63	CS
VisualFieldTestPointNormalsSequence	24	97	SQ
VisualFieldTestPointSequence	24	89	SQ
VisualFieldTestPointXCoordinate	24	90	FL
VisualFieldTestPointYCoordinate	24	91	FL
VisualFieldTestReliabilityGlobalIndexSequence	24	317	SQ
VisualFieldVerticalExtent	24	11	FL
VitalStainCodeSequenceTrialRetired	40	09F8	SQ
VitreousStatusCodeSequence	22	1025	SQ
VitreousStatusDescription	22	1066	LO
VoiLutFunction	28	1056	CS
VoiLutSequence	28	3010	SQ
VoiType	72	702	CS
VolumeBasedCalculationTechnique	8	9207	CS
VolumeFrameOfReferenceUid	20	9312	UI
VolumeLocalizationSequence	18	9126	SQ
VolumeLocalizationTechnique	18	9054	CS
VolumeOfPto	4010	1023	FL
VolumeToTableMappingMatrix	20	930A	FD
VolumeToTransducerMappingMatrix	20	9309	FD
VolumetricProperties	8	9206	CS
WadoRetrievalSequence	40	E023	SQ
WaterReferencedPhaseCorrection	18	9199	CS
WaveformAnnotationSequence	40	B020	SQ
WaveformBitsAllocated	5400	1004	US
WaveformBitsStored	003A	021A	US
WaveformChannelNumber	003A	202	IS
WaveformData	5400	1010	OB
WaveformDataDisplayScale	003A	230	FL
WaveformDisplayBackgroundCielabValue	003A	231	US
WaveformOriginality	003A	4	CS
WaveformPaddingValue	5400	100A	OB
WaveformPresentationGroupSequence	003A	240	SQ
WaveformSampleInterpretation	5400	1006	CS
WaveformSequence	5400	100	SQ
WedgeAngle	300A	00D5	IS
WedgeFactor	300A	00D6	DS
Wedged	300A	00D4	SH
WedgeNumber	300A	00D2	IS
WedgeOrientation	300A	00D8	DS
WedgePosition	300A	118	CS
WedgePositionSequence	300A	116	SQ

WedgeSequence	300A	00D1	SQ
WedgeThinEdgePosition	300A	00DB	FL
WedgeType	300A	00D3	CS
WholeBodyTechnique	18	1301	CS
WindowCenter	28	1050	DS
WindowCenterWidthExplanation	28	1055	LO
WindowWidth	28	1051	DS
WorklistLabel	74	1202	LO
XaXrfFrameCharacteristicsSequence	18	9412	SQ
XdsRetrievalSequence	40	E024	SQ
XFocusCenter	18	1183	DS
XOffsetInSlideCoordinateSystem	40	072A	DS
XR3dAcquisitionSequence	18	9507	SQ
XR3dFrameTypeSequence	18	9504	SQ
XR3dReconstructionSequence	18	9530	SQ
XRGeometrySequence	18	9476	SQ
XRImageReceptorAngle	3002	000E	DS
XRImageReceptorTranslation	3002	000D	DS
XROutput	40	312	DS
XRReceptorType	18	9420	CS
XRTubeCurrent	18	1151	IS
XRTubeCurrentInMa	18	9330	FD
XRTubeCurrentInUa	18	8151	DS
YFocusCenter	18	1184	DS
YOffsetInSlideCoordinateSystem	40	073A	DS
ZEffective	4010	1019	FL
ZOffsetInSlideCoordinateSystem	40	074A	DS
ZonalMapFormatRetired	28	722	US
ZonalMapLocationRetired	28	721	AT
ZonalMapNumberFormatRetired	28	720	US
ZoomCenter	28	32	DS
ZoomFactor	28	31	DS