

TCIA API Return Values

Return Values

Collection

An object that represents Collection (project) values.

Attribute	DICOM Tag	Description
Collection	NA	A label used to name a set of images collected for a specific trial or other reason. Assigned during the process of curating the data.

Modality

An object that represents Modality values.

Attribute	DICOM Tag	Description
Modality	0008 0060	Standard DICOM definition

BodyPartExamined

An object that represents BodyPartExamined values.

Attribute	DICOM Tag	Description
BodyPartExamined	0018 0015	Standard DICOM definition

Manufacturer

An object that represents Manufacturer values.

Attribute	DICOM Tag	Description
Manufacturer	0008 0070	Standard DICOM definition

Patient

An object that represents one patient.

Attribute	DICOM Tag	Description
PatientID	0010 0020	Has been de-identified as part of submission process.
PatientName	0010 0010	Has been de-identified as part of submission process.
PatientBirthDate	0010 0030	Has been de-identified (emptied) as part of submission process.

PatientSex	0010 0040	Standard DICOM definition
EthnicGroup	0010 2160	Standard DICOM definition
Collection	NA	A label used to name a set of images collected for a specific trial or other reason. Assigned during the process of curating the data.

PatientStudy

An object that represents one DICOM imaging study performed on one patient.

Attribute	DICOM Tag	Description
StudyInstanceUID	0020 000D	Has been de-identified as part of submission process.
StudyDate	0008 0020	Has been de-identified as part of submission process. Longitudinal information is preserved.
StudyDescription	0008 1030	Standard DICOM definition. Has been inspected and cleaned of any PHI
AdmittingDiagnosesDescription	0008 1080	Standard DICOM definition. Has been inspected and cleaned of any PHI
StudyID	0020 0010	Has been de-identified as part of submission process.
PatientAge	0010 1010	Standard DICOM definition
PatientID	0010 0020	Has been de-identified as part of submission process.
PatientName	0010 0010	Has been de-identified as part of submission process.
PatientBirthDate	0010 0030	Has been de-identified (emptied) as part of submission process.
PatientSex	0010 0040	Standard DICOM definition
EthnicGroup	0010 2160	Standard DICOM definition
Collection	NA	A label used to name a set of images collected for a specific trial or other reason. Assigned during the process of curating the data.
SeriesCount	NA	Computed number of series.

Series

An object that represents one imaging series.

Attribute	DICOM Tag	Description
SeriesInstanceUID	0020 000E	Has been de-identified as part of submission process.

StudyInstanceUID	0020 000D	Has been de-identified as part of submission process.
Modality	0008 0060	Standard DICOM definition
ProtocolName	0018 1030	Standard DICOM definition. Has been inspected and cleaned of any PHI
SeriesDate	0008 0021	Standard DICOM definition
SeriesDescription	0008 103E	Standard DICOM definition. Has been inspected and cleaned of any PHI
BodyPartExamined	0018 0015	Entered on a per collection basis using relevant SNOMED terms.
SeriesNumber	0020 0011	Standard DICOM definition
AnnotationsFlag	NA	
Collection	NA	A label used to name a set of images collected for a specific trial or other reason. Assigned during the process of curating the data.
PatientID	0010 0020	Has been de-identified as part of submission process.
Manufacturer	0008 0070	Standard DICOM definition
ManufacturerModelName	0008 1090	Standard DICOM definition
SoftwareVersions	0018 1020	Standard DICOM definition
ImageCount	NA	Computed number of images in this series.

SeriesSize

An object that represents set of total byte size and object count filtered by query key SeriesInstanceUID.

Attribute	DICOM Tag	Description
TotalSizeInBytes	NA	Total byte size per series
ObjectCount	NA	Count of total objects per series

Image

An object that represents set of images in zip file based on SeriesInstanceUID.

Attribute	DICOM Tag	Description
NA	NA	Set of images in a zip file