Collections

The image data in The Cancer Imaging Archive (TCIA) is organized into purpose-built collections. A collection typically includes studies from several subjects (patients). In some collections, there may be only one study per subject. In other collections, subjects may have been followed over time, in which case there will be multiple studies per subject. The subjects typically have a disease and/or particular anatomical site (lung, brain, etc.) in common.

Please visit our home page for more information about our Collections or click on one from the list below:

- 4D-Lung
- AAPM RT-MAC Grand Challenge 2019
- ACRIN-Contralateral-Breast-MR (ACRIN 6667)
- ACRIN-DSC-MR-Brain (ACRIN 6677/RTOG 0625)
- ACRIN-FLT-Breast (ACRIN 6688)
- ACRIN-FMISO-Brain (ACRIN 6684)
- ACRIN-HNSCC-FDG-PET/CT (ACRIN 6685)
- ACRIN-NSCLC-FDG-PET (ACRIN 6668)
- A DICOM dataset for evaluation of medical image de-identification (Pseudo-PHI-DICOM-Data)
- A Large-Scale CT and PET/CT Dataset for Lung Cancer Diagnosis (Lung-PET-CT-Dx)
- Anti-PD-1 Immunotherapy Lung (Anti-PD-1_Lung)
- Anti-PD-1 Immunotherapy Melanoma (Anti-PD-1_MELANOMA)
- Applied Proteogenomics OrganizationaL Learning and Outcomes (APOLLO)
- A Single-cell Morphological Dataset of Leukocytes from AML Patients and Non-malignant Controls (AML-Cytomorphology_LMU)
- Assessment of Residual Breast Cancer Cellularity after Neoadjuvant Chemotherapy using Digital Pathology (Post-NAT-BRCA)
- Brain-Tumor-Progression
- Breast Cancer Screening – Digital Breast Tomosynthesis (BCS-DBT)
- BREAST-DIAGNOSIS
- Breast Metastases to Axillary Lymph Nodes (Breast-Mets-Lymph-Nodes)
- Breast-MRI-NACT-Pilot
- C_NMC_2019 Dataset: ALL Challenge dataset of ISBI 2019
- CBIS-DDSM
- Chemotherapy and Radiation Therapy in Treating Young Patients With Newly Diagnosed, Previously Untreated, High-Risk Medulloblastoma/PNET (ACNS0332)
- Chest Imaging with Clinical and Genomic Correlates Representing a Rural COVID-19 Positive Population (COVID-19-AR)
- Comparison of mIF versus mIHC for immune markers in head and neck carcinoma (HNSCC-mIF-mIHC-comparison)
- CPTAC-AML
- CPTAC-BRCA
- CPTAC-CCRCC
- CPTAC-CM
- CPTAC-COAD
- CPTAC-GBM
- CPTAC-HNSCC
- CPTAC-LSCC
- CPTAC-LUAD

- CPTAC-OV
- CPTAC-PDA
- CPTAC-SAR
- CPTAC-UCEC
- Credence Cartridge Radiomics Phantom CT Scans
- Credence Cartridge Radiomics Phantom CT Scans with Controlled Scanning Approach (CC-Radiomics-Phantom-2)
- CT COLONOGRAPHY
- CT Images in COVID-19
- CT Lymph Nodes
- CT-ORG: CT volumes with multiple organ segmentations
- CT Phantom Scans for Head, Chest, and Controlled Protocols on 100 Scanners (CC-Radiomics-Phantom-3)
- Data from the training set of the 2019 Kidney and Kidney Tumor Segmentation Challenge (C4KC-KiTS)
- Dose-Adjusted EPOCH-R Compared With R-CHOP as Frontline Therapy for Diffuse Large B-Cell Lymphoma (CALGB50303)
- Dynamic contrast-enhanced magnetic resonance images of breast cancer patients with tumor locations (Duke-Breast-Cancer-MRI)
- Head-and-neck squamous cell carcinoma patients with CT taken during pre-treatment, mid-treatment, and post-treatment (HNSCC-3DCT-RT)
- Head-Neck Cetuximab
- Head-Neck-PET-CT
- Head-Neck-Radiomics-HN1
- High-dimensional imaging of colorectal carcinoma and other tumors with 50+ markers (CRC_FFPE-CODEX_CellNeighs)
- HNSCC
- ICDC-Glioma01
- Imaging characterization of a metastatic patient derived model of adenocarcinoma colon: PDMR-997537-175-T
- Imaging characterization of a metastatic patient derived model of adenocarcinoma pancreas: PDMR-292921-168-R
- Imaging characterization of a metastatic patient derived model of bladder cancer: BL0293F (PDMR-BL0293-F563)
- Imaging characterization of a metastatic patient derived model of melanoma: PDMR-425362-245-T
- Imaging tissue characterization of a patient derived xenograft model of adenocarcinoma pancreas: PDMR-833975-119-R
- ISPY1
- Ivy Glioblastoma Atlas Project (Ivy GAP)
- LGG-1p19qDeletion
- LIDC-IDRI
- Low Dose CT Image and Projection Data (LDCT-and-Projection-data)
- LungCT-Diagnosis
- Lung CT Segmentation Challenge 2017
- Lung Fused-CT-Pathology
- Lung Phantom
- Medical Imaging Data Resource Center (MIDRC) - RSNA International COVID-19 Open Radiology Database (RICORD) Release 1a - Chest CT Covid+ (MIDRC-RICORD-1a)
- Medical Imaging Data Resource Center (MIDRC) - RSNA International COVID-19 Open Radiology Database (RICORD) Release 1b - Chest CT Covid- (MIDRC-RICORD-1b)

- Medical Imaging Data Resource Center (MIDRC) - RSNA International COVID-19 Open Radiology Database (RICORD) Release 1c - Chest x-ray Covid+ (MIDRC-RICORD-1c)
- MiMM_SBILab Dataset: Microscopic Images of Multiple Myeloma
- Mouse-Astrocytoma
- Mouse-Mammary
- NaF Prostate
- NRG-1308
- NSCLC-Cetuximab (RTOG-0617)
- NSCLC Radiogenomics
- NSCLC-Radiomics
- NSCLC-Radiomics-Genomics
- NSCLC-Radiomics-Interobserver1
- Osteosarcoma data from UT Southwestern/UT Dallas for Viable and Necrotic Tumor Assessment
- Pancreas-CT
- Pelvic Reference Data
- Phantom FDA
- Prostate-3T
- PROSTATE-DIAGNOSIS
- Prostate Fused-MRI-Pathology
- PROSTATE-MRI
- Prostate MRI and Ultrasound With Pathology and Coordinates of Tracked Biopsy (Prostate-MRI-US-Biopsy)
- QIBA CT-1C
- QIN-BRAIN-DSC-MRI
- QIN-Breast
- QIN-BREAST-02
- QIN Breast DCE-MRI
- QIN GBM Treatment Response
- QIN-HEADNECK
- QIN LUNG CT
- QIN PET Phantom
- QIN PROSTATE
- QIN-PROSTATE-Repeatability
- QIN-SARCOMA
- Quantitative Imaging Network Collections
- Radiomic Biomarkers in Oropharyngeal Carcinoma (OPC-Radiomics)
- REMBRANDT
- RIDER Breast MRI
- RIDER Collections
- RIDER Lung CT
- RIDER Lung PET-CT
- RIDER NEURO MRI
- RIDER PHANTOM MRI
- RIDER Phantom PET-CT
- Segmentation of Vestibular Schwannoma from Magnetic Resonance Imaging: An Open Annotated Dataset and Baseline Algorithm (Vestibular-Schwannoma-SEG)
- SN-AM Dataset: White Blood cancer dataset of B-ALL and MM for stain normalization

- Soft-tissue-Sarcoma
- SPIE-AAPM Lung CT Challenge
- SPIE-AAPM-NCI PROSTATEx Challenges
- Stanford DRO Toolkit: Digital Reference Objects for Standardization of Radiomic Features (DRO Toolkit)
- Synthetic and Phantom MR Images for Determining Deformable Image Registration Accuracy (MRI-DIR)
- TCGA-BLCA
- TCGA-BRCA
- TCGA-CESC
- TCGA-COAD
- TCGA-ESCA
- TCGA-GBM
- TCGA-HNSC
- TCGA-KICH
- TCGA-KIRC
- TCGA-KIRP
- TCGA-LGG
- TCGA-LIHC
- TCGA-LUAD
- TCGA-LUSC
- TCGA-OV
- TCGA-PRAD
- TCGA-READ
- TCGA-SARC
- TCGA-STAD
- TCGA-THCA
- TCGA-UCEC
- The Chinese Mammography Database (CMMD)
- The VICTRE Trial: Open-Source, In-Silico Clinical Trial For Evaluating Digital Breast Tomosynthesis
- Treatment of Children with All Stages of Hepatoblastoma with Temsirolimus Added to High Risk Stratum Treatment (AHEP0731)