CHILDHOOD CANCER CLINICAL DATA COMMONS (C3DC)

Release 3
07/31/2024

This release contains harmonized data from:

- [phs000467: TARGET Neuroblastoma](#)
- [phs000470: TARGET: Kidney, Rhabdoid Tumor (RT)](#) (New)
- [phs000471: TARGET: Kidney, Wilms Tumor (WT)](#) (New)
- [phs000720: Genomic sequencing of Pediatric Rhabdomyosarcoma](#) (New)
- [phs001437: Pediatric Preclinical Testing Consortium PPTC](#)
- [phs002371: Human Tumor Atlas Network (HTAN)](#) (New)
- [phs002430: Genomic Analysis in Pediatric Malignancies](#)
- [phs002431: Enhancement of Data Sharing in Pediatric, Adolescent and Young Adult Cancers](#) (New)
- [phs002504: UCSF Database for the Advancement of JMML - Integration of Metadata with "Omic" Data](#)
- [phs002517: Molecular Characterization across Pediatric Brain Tumors and Other Solid and Hematologic Malignancies for Research, Diagnostic, and Precision Medicine](#)
- [phs002518: OncoKids - NGS Panel for Pediatric Malignancies](#)
- [phs002529: Comprehensive Genomic Sequencing of Pediatric Cancer Cases (CMRI/KUCC)](#)
- [phs002599: NCI CCSG CCDI Supplement Additional Genomic Submission](#)

- phs002620: Feasibility and Clinical Utility of Whole Genome Profiling in Pediatric and Young Adult Cancers
- phs002677: Integrating Longitudinal Clinical, Sociodemographic and Genomic Data into the NCCR (New)
- phs002790: Molecular Characterization Initiative
- phs003111: Clonal Evolution During Metastatic Spread in High-Risk Neuroblastoma
- phs003164: CCDI Pediatric In Vivo Testing Program – Leukemia (New)

Home Page (Update): Showcases data statistics and allows navigation to pages such as Explore and About on the C3DC site.

Explore Page (Update): Enables investigation of datasets and participant properties using faceted searching. The page includes real-time charts and tables reflecting faceted search results, all based on the newly created C3DC Data Model refining diagnosis classifications.

- Visualizations: C3DC offers visualizations for six different data elements:
    - Race
    - Ethnicity
    - Sex at Birth
    - Diagnosis
    - Anatomic Site
    - Age at Diagnosis (years)

- Data Table: The data table presents information across four unique tabs with a tooltip with a short description:
    - Participants
    - Diagnosis
    - Survival
    - Studies

Studies Page (New): Users can explore the available study data sets and display counts of participants and diagnoses. By clicking on the dbGaP accession, users can access a more comprehensive study description. Each study includes the following components:

- **Hyperlink**: dbGaP accession taking the user to a Studies Detail page

Studies Detail Page (New): where users can find high-level information about:

- **Description**: Contains the study abstract and outlined objectives.
- **Statistics Count**:
    - Participants
    - Survival Records
    - Diagnoses
    - Anatomic Sites

Note: Availability of Source Data

Currently, source data is only available for open access data (phs000467, phs000470, and phs000471). To obtain other CCDI data, please visit the [CCDI Data Hub](#).

Data Model Page (New): Introducing the C3DC [Harmonized Data Model](#)! This model unites childhood cancer studies, focusing on key data elements like participant diagnosis. Developed collaboratively with esteemed partners, it establishes standard terms for pediatric cancer research, guiding researchers and enhancing data interoperability .

Resources Page (New): Explore the C3DC Resources Page for data modeling, harmonization scripts, CCDI Hub access, GDC Data Portal, and caDSR.

About Page (Update): The About Page describes CCDI and C3DC and includes a drop-down option to download Release Notes and the User Guide which is a new functionality in this release. The content on the About Page is searchable through a global search feature.