

PBTC Neuroimaging Center

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PBTC Neuroimaging Center: Accomplishments to Date

- First imaging center in support of a clinical trials cooperative group in the country
- Mission:
 - Core resource for neuroimaging
 - To develop a correlative imaging research plan related to novel therapeutic interventions of the PBTC

PBTC Neuroimaging Center: Mission/Goals

- Incorporate imaging endpoints into PBTC research program
- Develop standardized procedural protocols for each institution to evaluate PBTC correlative imaging research
- Program for quality assurance: compliance with imaging protocols, image quality and data integrity
- Crossplatform translations for analyses of MRI, MRS and PET

PBTC Neuroimaging Center: Participating Institutions

- Children's Hospital Boston
- Children's Hospital of Philadelphia
- NIH
- Texas Children's Hospital
- Children's National- Washington, DC
- Children's Memorial-Chicago
- St. Jude's Research Hospital
- University of California at San Francisco (UCSF)
- Duke
- Children's Hospital of Pittsburgh
- Children's Hospital of Seattle

PBTC NIC Imaging Data

- 152 GB of neuroimaging studies uploaded from the sites to the OBC
 - As of October 20, 2005
- After anonymization and protocol categorization: 460 GB of data at OBC