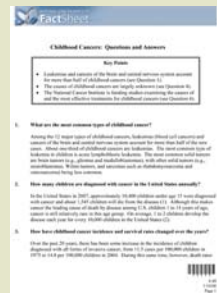


Examples of NCI Activities Relevant to Pediatric Cancers

- The **Children's Oncology Group (COG)** is an NCI-supported clinical trials cooperative group devoted exclusively to childhood and adolescent cancer research. <http://www.childrensoncologygroup.org>
- The **Pediatric Brain Tumor Consortium (PBTC)**, a multidisciplinary cooperative research organization, is devoted to the identification of superior treatment strategies for children with primary brain tumors. <http://www.pbtc.org>
- Researchers are following 11 cohorts of more than 70,000 children enrolled in the **International Childhood Cancer Cohort Consortium** to explore factors that increase the risk of pediatric cancer. http://www.cancer.gov/ncicancerbulletin/NCI_Cancer_Bulletin_031808/page5
- The **Childhood Cancer Survivor Study (CCSS)** addresses the long-term effects of cancer and cancer therapy in more than 20,000 survivors of childhood cancer and approximately 4,000 siblings of survivors. <http://www.cancer.gov/cancertopics/coping/ccss>
- The **Childhood Cancer Therapeutically Applicable Research to Generate Effective Treatments (TARGET)** initiative is identifying and validating treatment targets to develop new, more effective treatments for pediatric cancers. http://www.nci.nih.gov/ncicancerbulletin/NCI_Cancer_Bulletin_112106/page3

Questions and Answers on Pediatric Cancers



For additional information on childhood cancers, including suspected risk factors, possible causes, and NCI research studies, see NCI's Fact Sheet on Childhood Cancers.

<http://www.cancer.gov/cancertopics/factsheet/Sites-Types/childhood>

Information specialists can also answer your questions about cancer at 1-800-4-CANCER.

- The **Pediatric Preclinical Testing Program (PPTP)** identifies new, more effective agents for treating childhood cancers. <http://ctep.cancer.gov/resources/child.html>
- The **Pediatric Oncology Branch** in NCI's Center for Cancer Research is dedicated to the study and treatment of childhood cancers. <http://home.ccr.cancer.gov/oncology/pediatric/>
- The **Childhood Cancers Home Page** directs visitors to up-to-date information on childhood cancer treatment, genetics, causes, and other topics. <http://www.cancer.gov/cancertopics/types/childhoodcancers>

Selected Advances in Pediatric Cancers Research

- A multinational study showed that the drug carboplatin, which has fewer serious side effects than cisplatin (the current standard treatment), can achieve survival rates similar to those with cisplatin among infants and children with neuroblastoma. http://www.cancer.gov/ncicancerbulletin/NCI_Cancer_Bulletin_061207/page5
- A Children's Oncology Group (COG) task force has issued long-term, risk-based, exposure-related guidelines to help caregivers identify neurocognitive effects in survivors of childhood cancer and guide intervention and advocacy for such children. http://www.cancer.gov/ncicancerbulletin/NCI_Cancer_Bulletin_080707/page4#d
- A genetic variation in the insulin-like growth factor 2 receptor (IGF2R) is associated with an increased risk of osteosarcoma, which typically occurs during growth spurts in adolescents. <http://www.ncbi.nlm.nih.gov/pubmed/17684144>
- Children and young adults with sarcoma are at increased risk for a thromboembolic event, a blood clot that can interfere with normal blood flow, in their veins. <http://www.cancer.gov/newscenter/pressreleases/PediatricSarcoma>