

CANADIAN CANCER TRIALS GROUP OPERATIONS AND STATISTICS CENTRE

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The **Operations and Statistics Centre (OSC)** supports the research and knowledge transfer activities of the **Canadian Cancer Trials Group (CCTG)**. The OSC is unique in that it is the only Canadian academic research facility that supports the development and conduct of the entire range of cancer trials, from early phase (phases I and II) studies to large international randomized controlled phase III trials of all treatment methods across all cancers.

The OSC supports research focused in three areas: clinical trials developed by Canadian and international researchers of new cancer drugs, radiation, surgical techniques and lifestyle interventions to improve survival and quality of life for patients with cancer; secondary analyses of data from trials and bio-specimens to improve understanding of cancer biology and clinical outcomes; and, methods and technology development to improve clinical trial designs, endpoints and execution.

In addition, the OSC Tumour Tissue Data Repository (TTDR) is the largest single repository of tissues from cancer trial patients in Canada. The collection offers an unprecedented opportunity to identify biomarkers of response and other molecular factors that can be used to identify markers of sensitivity or resistance to treatment. The OSC and TTDR are both located at Queen's University in Kingston, Ont.

Did you know?

- Since it was established in 1980, the OSC has supported more than 300 phase III and more than 200 investigational new drug (phase I and II) trials enrolling more than 80,000 patients from 40 countries on five continents.
- These trials have led to new standards of care and improved outcomes for patients with cancers of the breast, lung, ovary, brain and lymphoma, to name a few.
- Between 1997 and 2011, the TTDR collected approximately 174,000 tissue samples from approximately 35,000 patients participating in clinical trials that were either led by the CCTG or that included CCTG participation.