



London Health Sciences Centre

Caring for You. Innovating for the World.®

FACTS & STATS 2011



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One of Canada's largest acute care teaching hospitals, London Health Sciences Centre (LHSC) cares for the most medically complex and critically ill patients in the region.

Located in London, Ontario, Canada, LHSC encompasses South Street Hospital, University Hospital, Victoria Hospital and Children's Hospital, Byron Family Medical Centre and Victoria Family Medical Centre, and is the home of Lawson Health Research Institute and Children's Health Research Institute, CSTAR (Canadian Surgical Technologies & Advanced Robotics), the Fowler Kennedy Sport Medicine Centre, as well as Children's Health Foundation and London Health Sciences Foundation.

CARING FOR YOU

London Health Sciences Centre has a proud tradition of care. For more than 136 years our hospitals have cared for the people of London, southwestern Ontario and beyond. We are committed to providing compassionate, high-quality care to our patients and their families. Saving lives and changing lives – we are here when you need us.

TEACHING AND RESEARCH

Our staff, physicians and scientists are recognized internationally for the significant contributions they have made towards the advancement of health care.

We teach thousands of health care professionals from across Canada and around the world. At LHSC, we provided training to 783 medical residents and fellows in 2010/11. We also trained 1,373 non-medical students during the year, including 801 student nurses.

Lawson Health Research Institute, the joint research institute of LHSC and St. Joseph's Health Care, London, is one of the largest hospital-based research institutes in Canada. Lawson has 1,641 active clinical trials in 2010/11, and more than 474 new clinical trials started at LHSC. The total amount held in research accounts at LHSC is \$70.4 million.

Clinical Programs and Services

LHSC provides the broadest range of patient services of any hospital in Ontario, including:

- Adult, Child & Adolescent Mental Health Care
- Cardiac Care
- Clinical Neurological Sciences
- Critical Care
- Dentistry
- Emergency Medicine
- Endocrinology & Metabolism
- Family Medicine
- Fertility Clinic
- General and Specialty Paediatrics
- Geriatrics
- Gynaecology / Obstetrics
- Laboratory Medicine
- Medical Genetics
- Mother Baby Care
- Multi-Organ Transplantation
- Neonatal Intensive Care Unit
- Nuclear Medicine
- Ophthalmology
- Orthopaedics
- Otolaryngology
- Paediatric Critical Care
- Plastic Surgery
- Radiation Therapy and Chemotherapy
- Regional Trauma Program
- Respiriology
- Rheumatology
- Surgical, Hematology and Psycho-Social Oncology
- Women's Ambulatory Care



Innovating for the World

LHSC is improving the lives of people everywhere. Since 1949 LHSC has achieved more than 60 Canadian, North American and world firsts.

Breakthroughs in robotic surgery include: Canada's first robotically assisted and minimally invasive laryngectomy (2011); the world's first use of the da Vinci robot to repair a hole in a patient's heart caused by a pacemaker complication (2011); the world's first robotically assisted intestinal bypass surgery for a patient with superior mesenteric artery syndrome (2008); Canada's first totally endoscopic closed-chest robotic coronary artery bypass surgery on a patient's beating heart (2007); the first time in North America minimally invasive robotic-assisted heart bypass surgery and angioplasty with stenting are performed at the same time in the operating room (2004); and the world's first robotic-assisted surgery using telementoring (2001).

The multi-organ transplant team performs the world's first liver-bowel transplant (1988); Canada's first patient-to-child living donor liver transplant (1993); and transplantation for the world's youngest multi-organ recipient (1997).

Breakthroughs in technology include the development of the first artificial kidney machine in Canada (1948); the first cobalt bomb in the world used to treat cancer patients (1951); the acquisition of North America's first digital angiography system (2005); the first in North America to provide peritoneal home dialysis to patients with touch screen technology and access to a health coach from home (2010); and the first in Canada to use wireless technology for hemodynamic evaluation, or the evaluation of pressures and flow in patients' hearts (2011).

Patient Care 2010/2011



147,603
Emergency visits



7.3
Average length of stay (days)



854
Beds



702,983
Ambulatory visits
(excluding emergency)



8,914
Operating Room – Day surgery



20
Bassinets



41,289
Admissions



14,149
Operating Room – Inpatient



288,637
Patient days



9,897
Operating Room – Endoscopy

*Statistics based upon
data for the period
April 1, 2010 to
March 31, 2011*

Working at LHSC 2010/2011

Physicians, dentists and midwives	763
Nursing	3,249
Residents and fellows	783
Research personnel	967
Technicians and labs	885
Clerical	2,255
Service	1,208
Management	303
Allied health	528
Other	855
Volunteers	840
Non-medical students	572
Medical students*	286
Student nurses	801
TOTAL	14,295

* Senior medical students (3rd and 4th year) who receive training at LHSC throughout the year.



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LAST YEAR AT LHSC

LHSC announced a Canadian first for a surgical treatment for throat cancer after surgeons performed the first robotically assisted and minimally invasive laryngectomy (the removal of a small portion of the voicebox).

Children's Hospital, London Health Sciences Centre is the first hospital in Ontario to implement the *Period of PURPLE Crying*® program in their emergency department, providing important information to parents and caregivers regarding infant crying patterns and comforting strategies, and education on Shaken Baby Syndrome.

LHSC became the first in the world to use the Correx AVB device that will revolutionize aortic valve bypass surgery by reducing its complexity through a specialized delivery mechanism that renders the surgery almost bloodless, eliminating the need to stop the heart and put the patient on a heart-lung bypass machine.

LHSC began welcoming the first inpatients to the new North Tower at Victoria Hospital, starting with the general surgery and orthopaedic surgery patients to level 9.

2,564 babies were born:
48% girls, 52% boys

797,274 meals were served to patients in hospital

Nearly **2 million** calls were received by switchboard

123 nurses were hired

30 physicians were hired

3.3 million sq.ft. of building space – making LHSC the largest hospital in the province

\$885 million in LHSC operating expenses