

CARDIAC CARE NETWORK



Cardiac Care: You Have Options

The Cardiac Care Network of Ontario (CCN) is dedicated to improving quality, efficiency, access and equity in the delivery of adult cardiac care services in Ontario. CCN is a network of 18 member hospitals providing adult cardiac services in Ontario.

Our vision

Working with key stakeholders, CCN is an essential resource providing advice and system support based on evidence, best practices and data to enhance the delivery and quality of adult cardiovascular care in Ontario.

Our mandate

CCN is a system support to the Ministry of Health and Long-Term Care, Local Health Integration Networks, hospitals, and care providers dedicated to improving quality, efficiency, access and equity in the delivery of the continuum of cardiac services in Ontario.

Using evidence-based data and consensus-driven methods, we offer planning advice and evaluation for adult cardiovascular services. We monitor the quality of care to ensure the best possible outcomes for cardiac patients in Ontario.

Monitoring performance

CCN manages the adult cardiac registry for the province of Ontario, tracking more than 100,000 adult cardiac procedures a year.

CCN monitors the performance of the cardiac system and shares information on wait times, outcomes and other topics related to cardiac care by way of reports and publications available on the CCN website: www.ccn.on.ca



Why does CCN collect personal health information?

CCN uses personal health information to monitor waiting lists for treatment and to evaluate the quality and delivery of cardiac care services in Ontario. CCN maintains a secure database to ensure the confidentiality of all personal health information. Selected information may be provided to authorized health services researchers in Ontario to assist with quality monitoring and research.

Your personal information is collected, used, and disclosed in compliance with Ontario's *Personal Health Information Protection Act*.

How CCN helps patients

CCN works with Regional Cardiac Care Coordinators (RCCCs) at each member hospital. RCCCs are available to:

- Receive and process your referral in a timely manner.
- Ensure that the more urgent your condition, the sooner you will receive care. Your clinical information is used to assign priority.
- Provide you with support and information about your condition during your wait.
- Monitor your condition while you wait.
- Inform you of options for receiving timely care, including referral to other cardiac programs if necessary.
- Support quality of cardiac care by applying best practices and standardized clinical care protocols.



How a referral is made in Ontario for adult cardiac catheterization, percutaneous coronary intervention, open heart surgery, and/or heart rhythm procedures:

1 You and your physician make a mutual decision that a cardiac procedure is required.

2 Your physician will submit a referral for your procedure to one of the hospitals in Ontario that perform advanced cardiac procedures.

3 Your referral is received and managed by the RCCC at the cardiac procedure hospital.

4 You are registered in the provincial cardiac registry, and your wait time is actively monitored.

5 The final step in the process is that you receive your procedure. Our goal is for each patient to receive their care within the designated recommended maximum wait time.



Diagnostic Cardiac Catheterization. Each year, over 60,000 Ontario patients have a diagnostic cardiac catheterization test. This test identifies if there are blockages in the coronary arteries. Based on the results of the cardiac catheterization test, options for treatment are defined.

Percutaneous Coronary Intervention (PCI). A PCI (or “angioplasty”) is a type of heart procedure that includes the insertion of a balloon into a blocked coronary artery. Inflation of the balloon widens the lumen of the artery to allow more blood flow through the artery. Often a stent is used to keep the coronary artery open after the balloon is removed. Long term medications may be required with certain types of stents.

Cardiac Surgery includes coronary artery bypass graft (CABG) surgery (to bypass blockages in the coronary arteries) and/or heart valve surgery to repair or replace damaged heart valves.

Other Cardiac Procedures may include minimally invasive aortic or mitral valve surgery, or percutaneous procedures such as congenital, structural heart or valve repair.

Transcatheter Aortic Valve Implantation (TAVI) is a highly specialized procedure that may be an option for patients with severe aortic valve disease who are unable to undergo conventional open heart surgery to replace the aortic valve.

Advanced Heart Rhythm Care

If you received a diagnosis of an abnormal heart rhythm, this is often referred to as an "arrhythmia". Tests or treatments for patients with arrhythmias may include one or more of the following:

Electrophysiology Study (EPS) is a diagnostic test to determine the type of arrhythmia and what treatment options may be available.

Ablation is a procedure that may be done in conjunction with EPS using radio frequency waves to eliminate the disruptive electrical pathway(s) responsible for the arrhythmia.

Implantable Cardioverter Defibrillator (ICD) is an implantable device designed to quickly detect a life-threatening rapid heartbeat. It corrects the abnormal rhythm by delivering an electrical shock, and can also pace the heart if necessary.

Cardiac Resynchronization Therapy (CRT) is an implantable device that can have defibrillator functions (to shock the heart out of abnormally fast heart rhythms) and pacing functions to prevent the heart from beating too slowly. This device paces both the right and left side of the heart in order to achieve relief of symptoms associated with heart failure such as shortness of breath, exercise intolerance, and/or fatigue.

Pacemaker is an implantable device designed to correct slow or irregular heartbeats.

Where to call if you need help

If you are experiencing a medical emergency, your best option is to call 911.

If you have been referred for a cardiac procedure and have questions about your care, please contact the Regional Cardiac Care Coordinator.

CARDIAC CARE NETWORK



Hamilton Health Sciences Corporation—General Campus

- Cardiac Catheterization/PCI: 905.527.4322 ext 46674 F: 905.527.1558
- Cardiac Surgery: 905.577.8019 F: 1.866.928.5883 or 905.527.1558
- Heart Rhythm: 905.527.4322 ext 46796 F: 905.577.8037

Health Sciences North, Sudbury

- Cardiac Catheterization/PCI: 705.523.7100 ext 8118 F: 705.671.5581
- Cardiac Surgery: 705.671.5550 F: 705.671.5581

Hôtel-Dieu Grace Hospital, Windsor

- Cardiac Catheterization/PCI: 519.973.4411 ext 3156 F: 519.973.5584

Kingston General Hospital

- Cardiac Catheterization/PCI/ Cardiac Surgery/Heart Rhythm: 613.548.1399
- Cardiac Catheterization/PCI F: 613.548.2407
- Cardiac Surgery F: 613.548.2387
- Heart Rhythm F: 613.548.2530

London Health Sciences Centre—University Campus

- Cardiac Catheterization/PCI: 519.685.8500 ext 37888 F: 519.663.3069
- Cardiac Surgery: 519.685.8500 ext 37889 F: 519.663.2948
- Heart Rhythm: 519.685.8500 ext 35303 F: 519.663.3782

Peterborough Regional Health Centre

- Cardiac Catheterization/PCI: 705.743.2121 ext 3258 F: 705.876.5155

Rouge Valley Health System (Centenary), Toronto

- Cardiac Catheterization: 416.281.7477 F: 416.281.7274
- PCI: 416.284.8131 ext 5139 F: 416.281.7274
- Heart Rhythm: 416.284.8131 ext 5139 F: 416.281.7233

Sault Area Hospital

- Cardiac Catheterization: 705.759.3434 ext 5810 F: 705.256.3491

Southlake Regional Health Centre, Newmarket

- Cardiac Catheterization: 905.895.4521 ext 2676 F: 905.830.5802
- PCI: 905.895.4521 ext 2707
- Cardiac Surgery: 905.895.4521 ext 2853 F: 905.830.5802
- Heart Rhythm: 905.895.4521 ext 2572 F: 905.830.5806

St.Mary's General Hospital, Kitchener

- Cardiac Catheterization/PCI: 519.749.6578 ext 6541 F: 519.749.6606
- Cardiac Surgery: 519.749.6578 ext 1936 F: 519.749.6414
- Heart Rhythm: 519.749.6578 ext 1936 F: 519.749.6414

St.Michael's Hospital, Toronto

- Cardiac Catheterization: 416.864.5489 F: 416.864.5455
- PCI: 416.864.6078 F: 416.864.5455
- Cardiac Surgery: 416.864.6084 F: 416.864.6086
- Heart Rhythm: 416.864.6060 ext 2679 F: 416.864.5348

Sunnybrook Health Sciences Centre, Toronto

- Cardiac Catheterization: 416.480.6100 ext 7160 F: 416.480.5892
- PCI: 416.480.6100 ext 3234 F: 416.480.5892
- Cardiac Surgery: 416.480.6078 F: 416.480.4151
- Heart Rhythm: 416.480.4469 F: 416.480.5892

Thunder Bay Regional Health Sciences Centre

- Cardiac Catheterization/PCI: 1.807.684.6676 F: 1.807.684.5902

Toronto East General Hospital

- Cardiac Catheterization: 416.469.6580 ext 2400 F: 416.469.6177

Trillium Health Centre Mississauga Site

- Cardiac Catheterization/PCI: 905.848.7396 F: 905.848.7358
- Cardiac Surgery: 905.804.7501 F: 905.804.7771
- Heart Rhythm: 905.848.7580 ext 2903 F: 905.804.7736

University Health Network (Toronto General/Western)

- Cardiac Catheterization: 416.340.5184 F: 416.340.3788
- PCI: 416.340.4949 F: 416.340.5178
- Cardiac Surgery: 416.340.4474 F: 416.340.4811
- EP Study/Ablation: 416.340.4800 ext 2044 F: 416.340.5338
- Pacemaker/AICD/CRT/Laser: 416.340.4800 ext 6975 F: 416.340.5338

University of Ottawa Heart Institute

- Cardiac Catheterization/PCI: 613.761.5397 F: 613.761.4922
- Cardiac Surgery: 613.761.5090 F: 613.761.4922
- Heart Rhythm: 613.761.4436 F: 613.761.4922

William Osler Health Centre, Brampton Civic Hospital

- Cardiac Catheterization/PCI: 905.494.2120 ext 58525 F: 905.494.0280



To find out more:

Please visit the CCN website
ccn.on.ca

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