

PROJECT PLAN

Surgery & Diagnostic Imaging (SurgeryDI)

March 2010

Submitted to:

Cancer Care Ontario
Ministry of Health & Long-Term Care

Submitted by:

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1. INTRODUCTION

Surgery & Diagnostic Imaging (SurgeryDI) is a strategy used to measure waittime information to find hospitals with the shortest wait for the health procedure you need.

A key part of the Wait Time Strategy is the development of the Wait Time Information System (WTIS), a first-ever information system for Ontario to collect accurate and timely wait time data. This system has been implemented in 82 Ontario hospitals. Work is underway to enhance this system to track wait times for all surgical procedures in Ontario.

Project is funded by Ministry of Health & Long-Term Care (MDHLTC). The data is submitted electronically from hospitals directly to either the Wait Times Information Office or the Cardiac Care Network (CCN). The information is compiled by the Wait Times Information Office and will be sent to ISTCL every month for importing, analyzing and displaying it on wait times' web site.

2. PROJECT SCOPE

To build a web-based software solution that performs several functions, which include?

- Enabling the collection of data related to wait times;
- Providing clinicians and other health professionals with the tools required to effectively assess patient urgency according to a defined wait times standard;
- Measuring and reporting wait times and data regarding utilization of procedures;
- Supplying clinicians, administrators and managers with near real-time information for use in monitoring and managing wait lists; and
- Reporting wait time information to the public on a website enabling patients to manage their own care and the public to assess progress on reducing wait times.

3. OBJECTIVES

To develop a solution by which content can be distributed and managed in a secure and decentralized environment

4. DELIVERABLES

A web based interface to display the waittime information and analysis.

Website URL: http://www.health.gov.on.ca/transformation/wait_times/wait_mn.html

PROJECT SCREENS:

TYPE:



The screenshot shows the Ontario Ministry of Health and Long-Term Care website. The header includes the Ontario logo, the text 'MINISTRY OF HEALTH AND LONG-TERM CARE', and the page title 'SURGERY AND DIAGNOSTIC IMAGING'. A navigation bar contains links for 'HOME', 'PUBLIC INFORMATION', 'HEALTH CARE PROFESSIONALS', and 'NEWS ROOM'. A utility bar includes 'SHARE', 'E-MAIL', and 'PRINT' options.

The main content area features a 'Type' filter section with the heading 'Select the level of information you would like to view:'. Below this heading are two filter options: 'PUBLIC' (which is checked) and 'HEALTH CARE PROVIDER'. Below these options is another heading: 'Select the type you would like to view:'. This heading is followed by two filter options: 'ADULT' and 'PAEDIATRIC'. Each filter option is accompanied by a small representative image.

On the left side of the page, there is a 'Selection' sidebar with expandable sections for 'Type', 'What', and 'Where'. Below the sidebar, there is a note: 'Radiation, systemic therapy, and more detailed and additional cardiac wait times click here'.

WHAT:

Ontario.ca | Français

MINISTRY OF HEALTH AND LONG-TERM CARE

SURGERY AND DIAGNOSTIC IMAGING

[HOME](#) | [PUBLIC INFORMATION](#) | [HEALTH CARE PROFESSIONALS](#) | [NEWS ROOM](#)

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Selection

- ▶ Type
- ▶ What
- ▶ Where

Radiation, systemic therapy, and more detailed and additional cardiac wait times click here

Type | What

Begin your search by selecting a procedure and click the Next Step button to continue your search.

Back
Next

- General Surgery
>
- Cancer Surgery
>
- Cardiac Surgery
>
- Ophthalmic Surgery (Eye Surgery)
>
- Orthopaedic Surgery (Bone/Spine)
>
- Diagnostic Scans
>
- Gynaecologic Surgery
>
- Neurosurgery
>

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SURGERY AND DIAGNOSTIC IMAGING

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Selection

- ▶ Type
- ▶ What
- ▶ Where

Radiation, systemic therapy, and more detailed and additional cardiac wait times click here

Type | What

Begin your search by selecting a procedure and click the Next Step button to continue your search.

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Next

General Surgery
v

Includes surgical procedures performed to treat benign conditions of the digestive, endocrine, and lymphatic system. General Surgery also includes benign breast surgery and the removal of lumps, bumps and cysts. All surgical procedures included are performed in a fully equipped operating room.

Procedure done by : General Surgeon

- Haemorrhoids, Fistulas and Fissures**
Anal Disease - Includes surgical procedures performed on the anus and rectum.
- Gallbladder Surgery**
Digestive System - Gallbladder - Includes surgical procedures performed on the gallbladder. The gallbladder is a sac located under the liver that stores digestive enzymes and bile produced by the liver.
- Gastroesophageal Reflux Disease (Acid-Reflux Surgery)**
Gastroesophageal Reflux Disease - Includes surgical procedures performed to treat gastroesophageal reflux disease. Gastroesophageal reflux disease is a condition caused by the reflux of stomach acid into the esophagus.
- Hernia - Abdominal Wall (Stomach)**
Hernia - Abdominal Wall - Includes surgical procedures performed to treat an abdominal hernia. An abdominal hernia occurs when contents of the abdomen protrude through a weakened area of the abdominal wall.
- Hernia - Groin**
Hernia - Groin - Includes surgical procedures performed to treat a groin hernia. A groin hernia occurs when contents of the abdomen protrude into the groin area.

WHERE: Find by LHIN Map

SHARE
E-MAIL
PRINT

Selection

▸ Type

▸ What

▸ Where

Radiation, systemic therapy, and more detailed and additional cardiac wait times click here

Type | What | Where

Select search type to show your results:

Find by LHIN MAP
Find by City/Town Or Postal
Find by HOSPITAL

Back

For more information about (LHINs), including maps, see our [Local Health Integration Networks \(LHIN\) section](#)

Local Health Integration Network (LHIN)

Erie St. Clair	South West
Waterloo Wellington	Hamilton Niagara Haldimand Brant (HNHB)
Central West	Mississauga Halton
Toronto Central	Central
Central East	South East
Champlain	North Simcoe Muskoka
North East	North West

WHERE: Find by City/Town or Postal

SHARE
E-MAIL
PRINT

Selection

▸ Type

▸ What

▸ Where

Radiation, systemic therapy, and more detailed and additional cardiac wait times click here

Type | What | Where

Select search type to show your results:

Find by LHIN MAP
Find by City/Town Or Postal
Find by HOSPITAL

Back Next

Search by City or Postal Code

Enter City:

OR

Enter Postal Code :

10 km
 15 km
 20 km
 50 km
 100 km
 150 km
 250 km

WHERE: Find by Hospital

[SHARE](#) [E-MAIL](#) [PRINT](#)

Selection

- ▶ Type
- ▶ What
- ▶ Where

Radiation, systemic therapy, and more detailed and additional cardiac wait times click here

Type | What | Where

Select search type to show your results:

Find by LHIN MAP

Find by City/Town Or Postal

Find by HOSPITAL

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Hospital Name

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) | [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

1. [Almonte General Hospital](#)
2. [Amprior and District Memorial Hospital](#)
3. [Atikokan General Hospital](#)
4. [Alexandra Marine & General Hospital](#)
5. [Alexandra Hospital](#)
6. [Anson General Hospital](#)
7. [Rouge Valley Health System](#)
 1. Ajax Site-Rouge Valley Health System
 2. Centenary Site-Rouge Valley Health System

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RESULTS:

SURGERY AND DIAGNOSTIC IMAGING WAIT TIMES

[HOME](#) | [PUBLIC INFORMATION](#) | [HEALTH CARE PROFESSIONALS](#) | [NEWS ROOM](#)

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New Search

To better understand the data on this website, how it was calculated and its limitations, please read the [Understanding Wait Times](#) section.

Note: Wait time is the point at which 9 out of 10 patients have completed surgery or have had their exam.

To see the definition, please [click here](#).

[General Surgery](#)
Haemorrhoids, Fistulas and Fissures | Target: 182
[Jan-Feb-Mar10]

[View shortest wait times in the province for this service](#)

Hospital Name	LHIN	Wait time (days)
Provincial Wait Time		111
Almonte General Hospital	Champlain	113

5. TECHNOLOGY USED

User Interface Web Based : Ms Visual Studio 2008 & ASP.Net Framework 3.5

Database : Ms SQL Server 2005 STD Version

Hemal Shah | DBA

Surgery DI - March 2010

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6. IMPLEMENTATION PLAN

- Database Design & Architecture
- Database Development
- Application Development
- Testing

Project Start Date : February 10, 2010

Project Commitment Date : March 31, 2010

Project Delivered Date : March 31, 2010

POST IMPLEMENTATION SUPPORT:

The process involves monthly data refresh where every month client will send data in excel sheets and the process will upload new data. The process results are dynamic in nature. There is an automated process which will import data every month with very less human involvement.

7. RESOURCES

Hemal Shah : Database Design, Development & Administration

Sathya Sivadas : Application Developer

Sadiq Noor Ali : Application Design & Developer

Gim Mutthu : Team Lead & Project Manager