



Digital Transformation Project at Lakeshore General Hospital

Fall 2024

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Why we need digital transformation at LGH?



Enhancing Patient Care and Safety

- Ensures quality and safe care through integrated digital medical charts;
- Facilitates seamless integration of patient data across our Lakeshore systems including our GMF;
- Connects to CLSC and GMF charts;
- Prevents redundant workups and tests with connected information.



Improving Operational Efficiency

- Streamlines patient transitions between hospital and community care;
- Enhances time management for healthcare professionals;
- Reduces errors and time spent searching for physical charts.



Advancing Chronic Disease Management

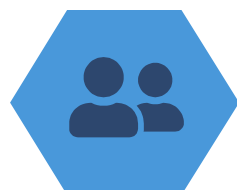
- Improves care for vulnerable patients with chronic conditions;
- Enables better monitoring and timely interventions.

Why we need digital transformation at LGH?



Empowering Patients

- Provides access to self-booking portals and personal health information such as tests results;
- Enhances patient engagement in their own care;
- Permits patients to communicate with clinicians.



Attracting and Retaining Top Talent

- Crucial for recruiting and retaining skilled healthcare professionals (MD's, nurses, allied health professionals);
- Aligns with modern healthcare practices and expectations;
- Standard of care for MD's and clinicians.



Preparing for the Future

- One of the first CIUSSS to connect first-line services with hospital data;
- Lakeshore is 10 years behind standard of care when compared to some of the BIG Montreal hospitals;
- Foundation block to keep expanding ambulatory services access for West Island population;
- **GIVE West Island the care they DESERVE!!!**

Lakeshore General Hospital



- Community hospital founded in 1965 with private donations coming from businesses and the public;
- At the heart of the Montreal West Island Community;
- Proud McGill University affiliate;
- Newly open GMFU project (family medicine teaching clinic) will exponentially grow our residency program;
- Full suite of clinical services within a community hospital (cardiology, pneumology, gastroenterology, surgery, oncology, nephrology, etc.);
- Lakeshore emulates quality of care for its patient population.

Hospital Care Overview at LGH

2023-2024

CAPACITY

255
SHORT-TERM BEDS



14
OPERATING ROOMS



31
STRETCHERS IN THE
EMERGENCY ROOM



27
DIALYSIS CHAIRS



1
MATERNITY
CENTER



15 171
PHYSICAL HEALTH
HOSPITALIZATIONS

18 949
SURGERIES

38 203
EMERGENCY VISITS

22 163
DIALYSIS TREATMENTS

1 523
BIRTHS

89 542
MEDICAL IMAGING
PROCEDURES

172
MENTAL HEALTH
HOSPITALIZATIONS

11 669
ENDOSCOPY
PROCEDURES

8 860
NUCLEAR MEDICINE
PROCEDURES

VOLUMETRICS

Vision to improve patient care via digital transformation



Electronic Viewer
OACIS
Implemented &
funded through MSSS

Objet Patient	Un. Méd.	Faculté	Hôpital	Centre de Lab.	Localité	endosseur	nom personnel
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BP#40012							
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Electronic Medical Record



The EMR is an electronic medical record designed to meet our objectives of **serving clinicians/patients with a unified patient record.**

Target groups of the Electronic Medical Record:

- Lakeshore Specialized Clinics;
- GMF;
- CIUSSS : (CLSC – Homecare).



Electronic medical record – Benefits for patients



Improve services and patient care:

- Dynamic patient portal granting access to results;
- Seamless electronic prescriptions sent directly to pharmacies;
- Ability to conduct virtual consultations;
- Instant electronic appointment notifications;
- Online bookings with handy reminders for confirmation or cancellation;
- Secure messaging and record sharing for peace of mind;
- Quick and easy kiosk check-in upon arrival.

Electronic Medical Record

Desired Investment

- Initial fees: \$80,000
- Recurring fees: \$160,000\$/year for three (3) years



Endoscopy System



An endoscopy information system is a specialized software platform designed **to manage and enhance various aspects of endoscopic procedures** such as colonoscopies. These systems help healthcare providers **perform, document, and analyze endoscopic examinations, leading to conclusive diagnoses.**

Endoscopy System



Optimization of examinations improving access to this procedure and reducing waiting lists :

- Efficient planning and scheduling that reduce waiting times for procedures and increase the number of cases handled;
- Improved diagnostic accuracy with better detection of abnormalities;
- Tailored treatment plans and continuous monitoring of patient data post-procedure;
- Seamless automated reminders for follow-up appointments;
- Innovative telemedicine capabilities and remote access to endoscopy data allow patients to receive specialized consultations.

Endoscopy system

Desired Investment

- Initial fees: \$90,000
- Recurring fees: \$20,000/year for three (3) years



Vision to improve patient care via digital transformation

Electronic Medical Records
(Clinics/specialized)
~ \$560,000

TOTAL
\$710,000



Code Patient	Un. Méd.	Nom	Sexe	Age	Sexe	MD	Service	LOS	Profil	
BP44011		JOHNSON LEBEL	H	79	M	POPOVICI	BOCU	HQ	4	28
BP44012		LEBEL JEAN-CL	H	85	M	POPOVICI	BOCU	HQ	4	32
BP44013		BARNEY KAREN	H	80	F	ABD. SHADY		HQ	4	54
BP44014		LEON GIETTA	H	75	F	ABD. SHADY		HQ	4	1
BP44015		COCHRANE JOHN	H	80	M	POPOVICI	BOCU	HQ	4	16
BP44016		ROUX MARC-AL	H	82	M	POPOVICI	BOCU	HQ	4	10
BP44017		STYANT RUSSEL	H	89	M	POPOVICI	BOCU	HQ	4	2
BP44018		VEZIC ELEEN	H	85	F	ABD. SHADY		HQ	4	9
BP44019		MONTEGRIEL CLA	H	79	F	ABD. SHADY		HQ	4	2
BP44020		THEIRINGER ERIN	H	88	F	ABD. SHADY		HQ	4	4
BP44021		CHARNOFF SUE	H	83	F	POPOVICI	BOCU	HQ	4	8
BP44022		ROUX KATH	H	85	M	ABD. SHADY		HQ	4	0
BP44023		LEPAGE COLE A	H	84	F	ABD. SHADY		HQ	4	5
BP44024		RANGEL EARL ED	H	80	M	ABD. SHADY		HQ	4	1
BP44025		LAMBLE MARTIN	H	73	F	ABD. SHADY		HQ	4	1
BP44026		SIMPSON ELLEN	H	81	F	POPOVICI	BOCU	HQ	4	21
BP44027		LAVIGNE MICHEL	H	83	M	ABD. SHADY		HQ	4	6
BP44028		-								
BP44029		ROMANUK YERK	H	80	F	ABD. SHADY		HQ	4	11

Electronic Viewer
OACIS
Implemented & funded through MSSS

Endoscopy Software:
~ \$150,000



Thank You!