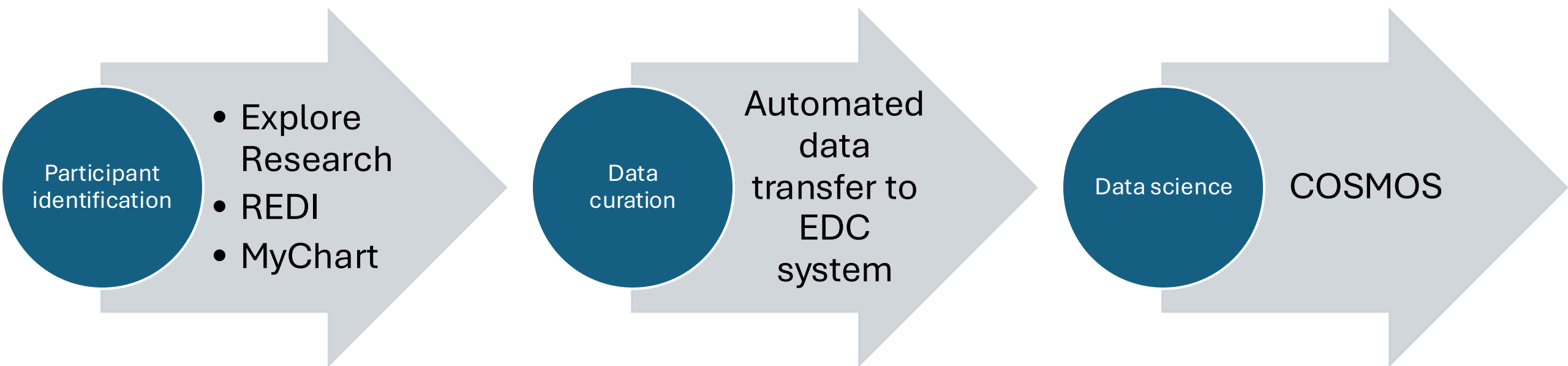


# Initiatives to Facilitate (Automate) Research at HHS

Darryl Leong

Associate Chief Medical Information Officer, Research  
Hamilton Health Sciences



# Explore Research

- Opt-out model of connecting patients with research opportunities
- Use of Explore Research approved by REB
- Patients eligible if had encounter after Go Live (Feb 24, 2025) & not opted out
- Users must complete Explore Research Reporting training ([epictraining@hhsc.ca](mailto:epictraining@hhsc.ca))
- Generate list of potentially eligible patients – EPIC Reporting Workbench
- Eligible patients can be approached by research personnel outside circle of care

Find Patients ⓘ

Find Criteria

Enter a search term, or click the search icon to browse available criteria

🔍

🕒 Date Range

From: M-1 (23/8/2025)

To: T (23/9/2025)

✎

Patient living status

⌵ ⓘ 🗑

Alive

Diagnosis ⓘ

⬆ ⓘ 🗑

Diagnosis	
1	Prostate cancer
2	

Criterion Logic

AND

Meds: Current (by exact medication)

⌵ ⓘ 🗑

LEUPROLIDE (3 MONTH) SUBCUT

OR

GOSERELIN ACETATE

BMI ⓘ

⬆ ⓘ 🗑

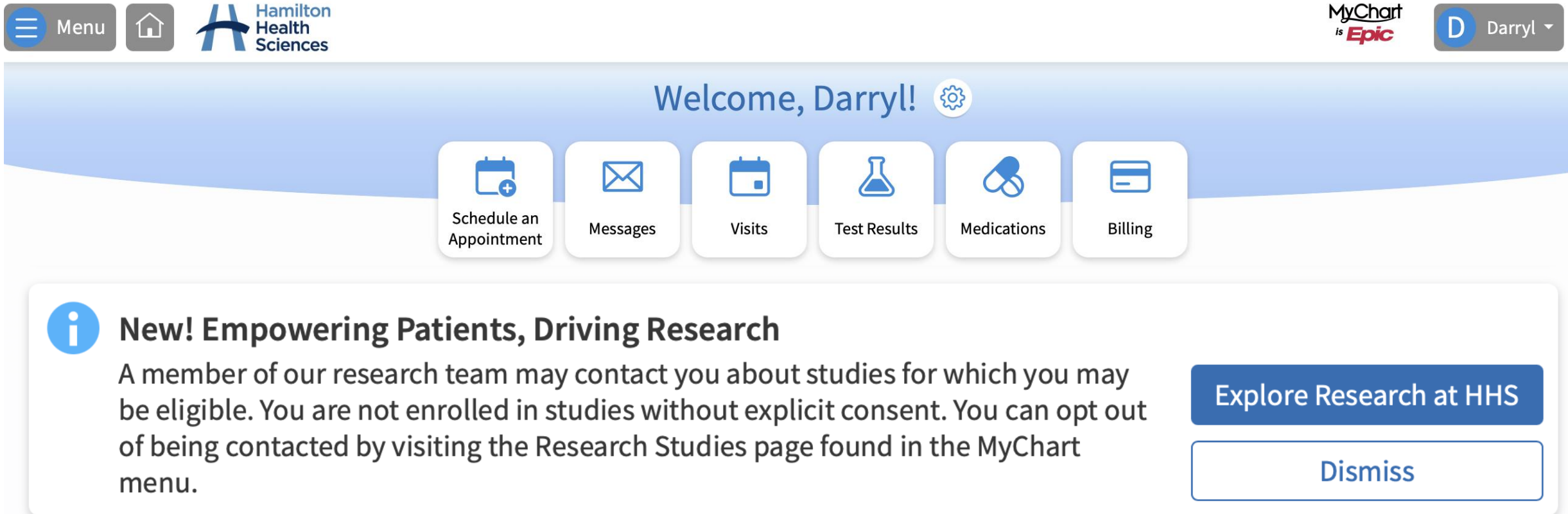
Relationship		BMI
1	Greater than or equal to	30
2		

Report Logic

AND

🔍 Show search summary

# MyChart – a patient-facing app



# Resources in Citrix

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Stewardship Program  
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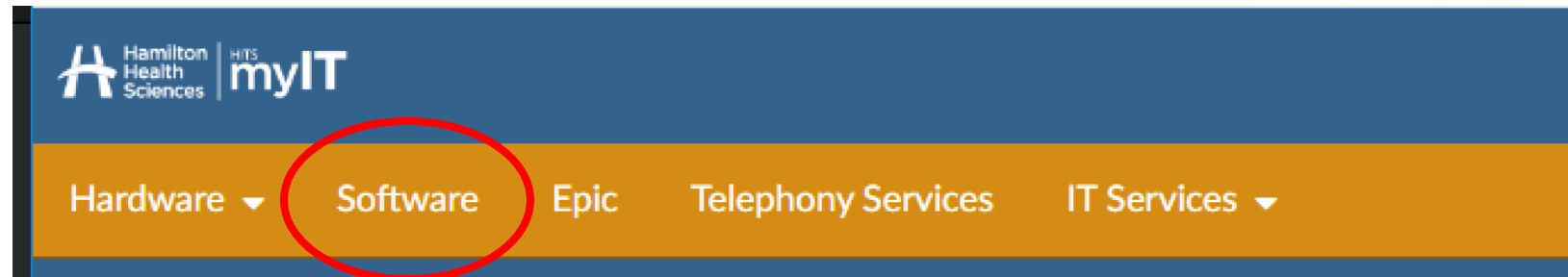
## Epic & Research

Effective June 4, 2022 HHS went live with Epic, an electronic medical record (EMR) system. Epic was implemented to innovate and transform how HHS can collect, store, and manage clinical information; improve patient safety; and enhance the services provided, including those involved with research.

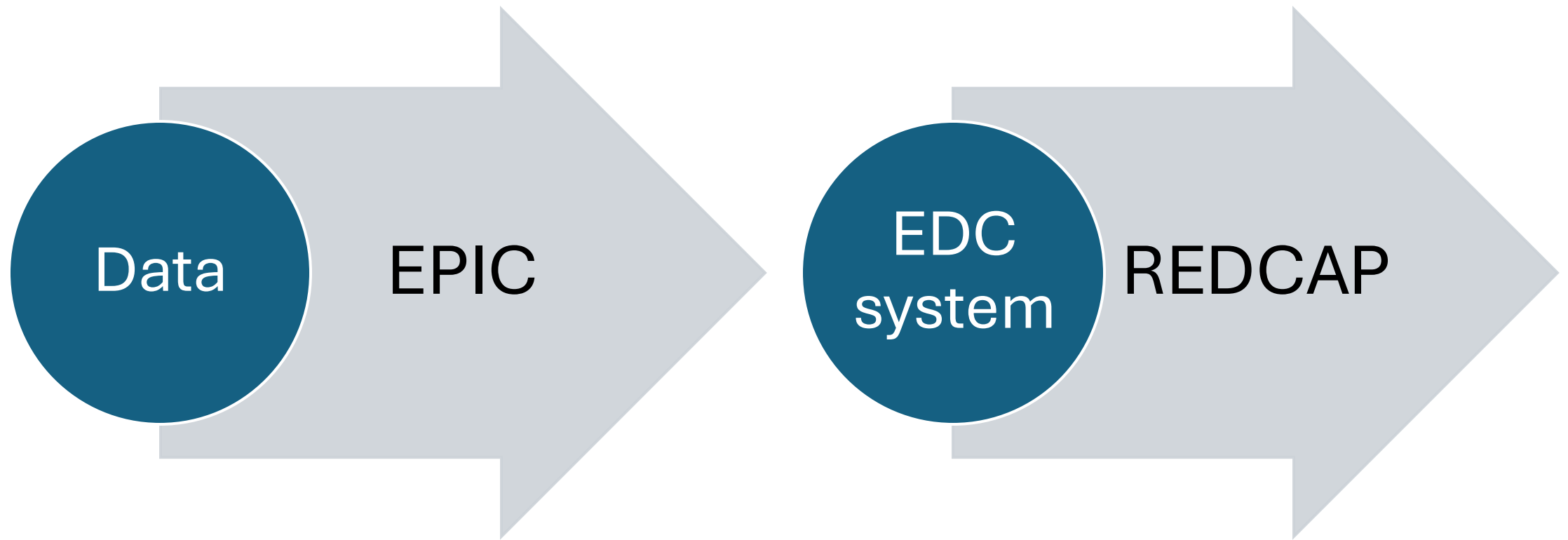
### Current Resources

#### Intake Forms:

To request a new study build in Epic: [Epic Research Record Build Request Form](#)



Aspirational goal – conversations have started





# EPIC Cosmos – undergoing privacy impact evaluations

- Individual level data on 300 million patients from 1762 hospitals
- Participating hospitals can grant access to users to undertake research
- Analysis occurs in secure virtual environment hosted by EPIC
- Undergoing privacy impact evaluations – not yet available at HHS