LPMI Core Data Model – V1.0

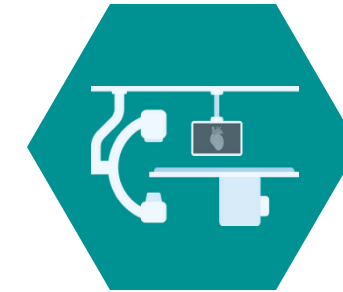**Electronic health record (EHR)**
- ICD-10-CA code generated definitions
- ER & Hospital visits / admissions
- Cardiac diagnoses
- Non-cardiac diagnoses
- Cardiovascular outcomes

2001 - 2024

Provincial Laboratory
- Curated lab definitions
- Routine labs
- Cardiac biomarkers
- Lipids / HgA1c
- ESR, CRP, TSH, Iron studies

2008 - 2024

Invasive Diagnostics
- Coronary anatomy (CARAT)
- Lesion distribution (CARAT)
- APPROACH / Duke Jeopardy
- Bypass grafts
- Stent delivery
- LVEDP

2004 - 2024

Surgical procedural history
- CCI-code generated definitions
- APPROACH† generated definitions
- Revascularization surgery
- Valvular surgery
- Vascular surgery

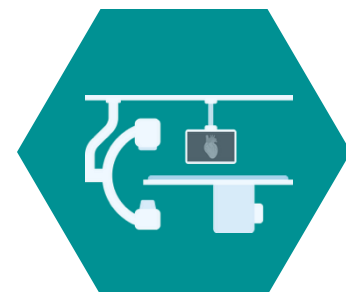**2005 - 2024**

Pharmacy Information Network (PIN)
- ATC-code generated definitions
- Cardiovascular medications
- Diabetes medications

2001 - 2024

Non-Invasive imaging
- Echocardiography (TTE / TEE)
- Cardiac MRI ***2015 - 2025**
  - Referral coding
  - Protocol & vitals
  - Quantitative /Qualitative

2007 – 2025*

Percutaneous procedural history
- Curated definitions based on APPROACH† data model
- Referral coding
- Protocol & vitals
- NYHA & CCS coding
- Coronary stenting

2002 - 2023

ECG & Holter (MUSE)
- Curated definitions
- 12-lead ECGs
- Holter monitoring

2004 - 2024

SDOH & PROMs
- Completed in 25,000 patients of the CIROC Registry
- Socio-economic factors
- Patient habits
- Patient-reported symptoms
- Quality Of Life (EQ5D)

2015 – 2025*

† APPROACH data collection (other than CARAT) migrated to Connect Care (CC) variables in 2023. A Connect Care parity data model is currently under review.