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Strengthening primary care through data and information: Using the data we have and building the data we need to guide change

Canada Health Infoway, Health Analytics Community, 25 March 2021

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College of Family Physicians of Canada

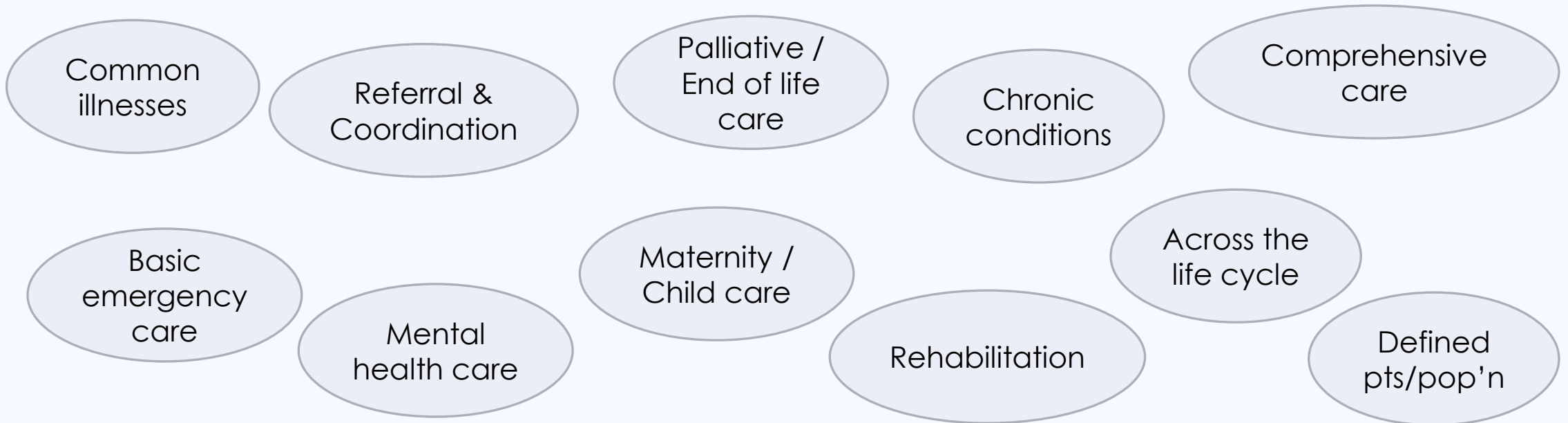
What is primary care?

Adapted from Government of Canada

First-contact care by family physicians, nurse practitioners, pharmacists, etc

Health promotion, prevention, diagnosis and treatment of illness and injury

Continuity of care / Integrated care across primary and specialized services



The data we have

- Canadian Community Health Survey
- CIHI
 - Health workforce databases (e.g., RNDB, SMDB)
 - NPDB
 - NACRS
 - CCRS, HCRS (RAI data)
- Provincial databases, like CIHI's (e.g., Population Data BC, MCHPR, ICES)
- International – Commonwealth fund, OECD, WHO
- Practice Based Research Networks - EMR data

Discussion

- Does that sound like “primary care” to you? What more? What less?
- Are there other **existing** data sources that relate to primary care?

What's up at the CFPC

Time permitting...



Staged Data Development at the CFPC

Stage 1: Visioning and Feasibility Assessment

Connection to corporate goals, objectives, and operational needs
Utility addressing patient, population, health system needs
Data quality review and Data Warehouse Design Concept

Business model within the organization
Privacy, confidentiality, access requirements
Human and financial resource requirements



Stage 2: Build and Implement

Initiate data quality, extract and link data
Build data user environment (CFPC Data Warehouse)
Test and validate

Recruit and train staff
Deploy systems
Implement privacy, confidential, access protocols

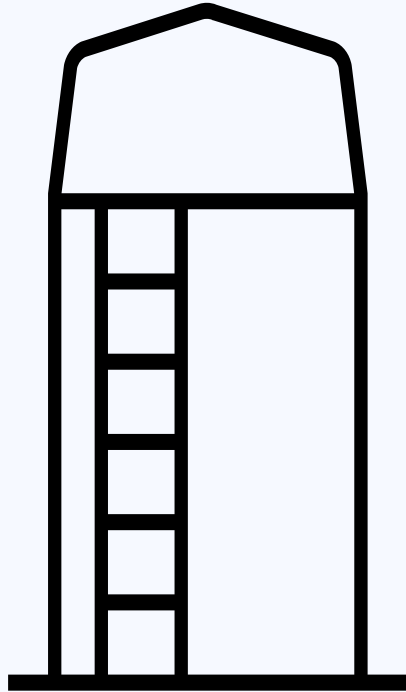


Stage 3: Maintain and Expand

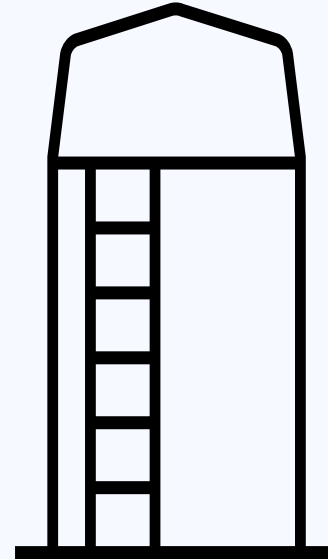
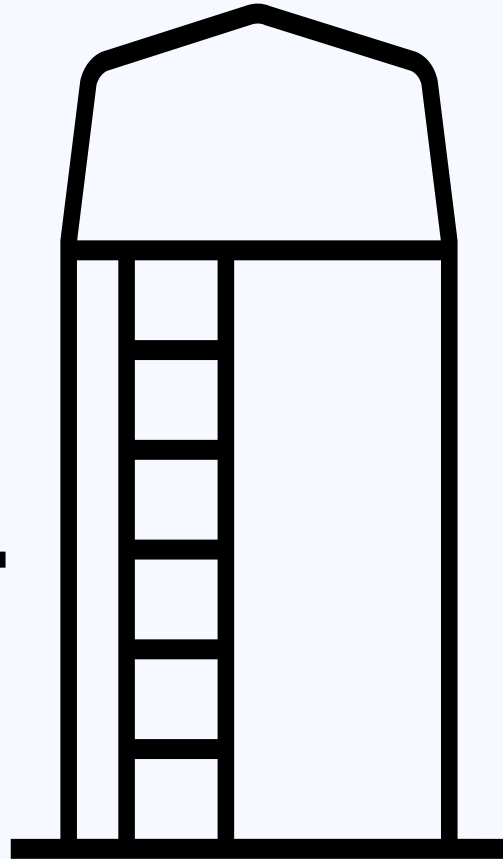
Data updates
Ongoing CFPC data development and quality improvement
Use for corporate purposes

Identify and integrate relevant external data sources
Roll out broad data services, for members and others
Generate knowledge products

Accreditation

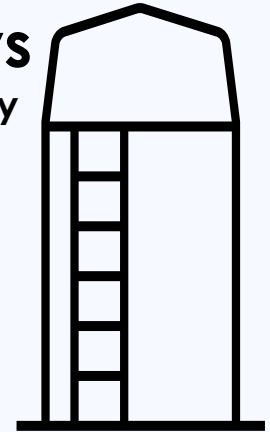


**Certification
Exams**

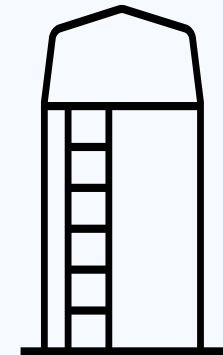
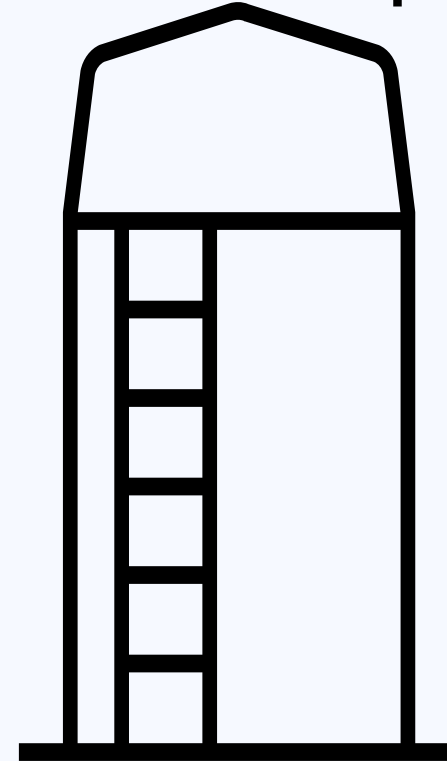


**Mainpro+
CPD**

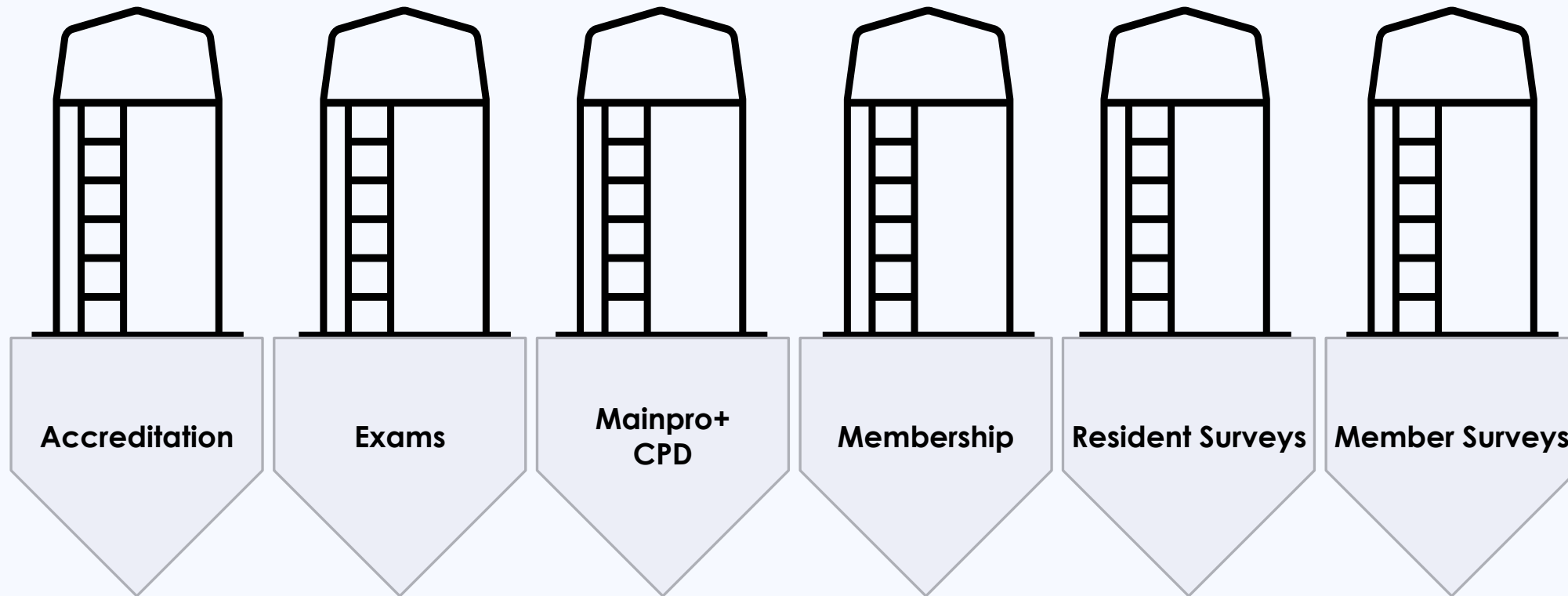
Resident Surveys
E.g. FM Longitudinal Survey



**CFPC
Membership**



**Member
Surveys**



CFPC DATA WAREHOUSE

Program Development – Planning – Research – Member Services – Advocacy

THANK YOU!

Questions - Discussion

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