Beyond Data Capture to Practice Change

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The DCPNS Registry (Clinical Information System):
- Built and maintained by DCPNS Staff
- CASSIS platform (open source)
- Web based (user friendly access)
- Centralized data base (share data on common platform)
- Interfaces with Registration and Lab systems
- Auditable (meets PHRA requirements)

Registry Features:
- Visit Type (VT) rules, e.g., type of diabetes, type of visit, gender
- Carry forward:
  - Effected by visit type, 37 data points
  - Provider/patient friendly-features
  - Dashboard, visualization of visit/patient information
  - Graphing capabilities
  - Alarms/reminders
  - Locally generated reports and mailing labels

Advanced Clinical Indicator Report

Physician/Nurse Practitioner (NP) Report

Physician/NP Patient List

Clinical Information Systems (CIS) are considered key enablers in supporting optimal care delivery. Systems that embed practice guidelines, offer decision support, and mirror recommended practice approaches provide the basis for a quality culture in support of patient/family-centered care. This poster profiles the real-time use of application of a Provincial Diabetes Registry by front-line providers. Sample reports show how data becomes valued information to:
- Enhance communication, build relationships, and provide added service to referring providers
- Foster shared/focused care
- Support program/practice change to improve outcomes

Background:
The DCPNS Registry (Clinical Information System):
- Age < 19 years, since 1992
- All referrals (all ages, all DM types) to Diabetes Centres since 1994
- Used in all 38 Diabetes Centres (NSHA and FWN)
- Over 160 users

Total Registry Capture: as of March 31, 2018:
- 110,000 individual cases of diabetes/prediabetes
- Adds ~3,500 new cases and ~45,000 visits per year

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