In-System Inquiry Supports

For Alberta Health Services (AHS) to grow as a learning healthcare organization, it must gather, understand and apply "internal evidence" about the efficiency and effectiveness of healthcare in Alberta. Promoting curiosity is key. Rapid access to real-time information about choices and consequences is essential. Accordingly, Connect Care will enable clinical improvement with in-system inquiry-support tools ("embedded" self-serve measures, indicators, explorers, reports, dashboards, analytics, etc.) designed, configured and supported to promote prudent use of internal evidence. Such tools and services should ease, not encumber, care; and inform, not mislead, clinical decision-making.

1. **Promote Curiosity**
   Embedded analytic services will promote curiosity about healthcare efficiency and effectiveness, recognition of improvement opportunities, and avoidance of unduly increased information burdens.

2. **Serve Clinical Purpose**
   Connect Care embedded analytics will serve clinical, operational and health system improvement with easy access to information about healthcare choices and consequences.

3. **Match Tool to Purpose**
   Personal, group and system health care performance information will be made available using a variety of tools – including reports, dashboards, alerts, reminders, assists, prediction aids, pathway comparisons and guides – appropriately matched to question type and clinical purpose.

4. **Respect Privacy**
   Data arising outside the users' circle of care will be de-identified unless this defeats clinical purpose, introduces harmful bias, or compromises patient safety.

5. **Match Data to Purpose**
   Embedded analytic tools will be linked to datasets where information about the definition, authenticity, structure and completeness of data is known and revealed.

6. **Automate Data Capture**
   Healthcare performance data will, as much as possible, be captured automatically as a byproduct of clinical information management, with any extraordinary data capture asks justified and approved by an appropriate Connect Care oversight group.

7. **Incorporate External Data**
   External data about determinants of healthcare will be exposed in-system when no equivalent internal data is available and there is real-time clinical and operational need.

8. **Leverage Legacy Data**
   AHS will maintain access to legacy (non-Connect Care) data assets and reporting interfaces until equivalent Connect Care embedded tools are available and adequate for clinical or operational need.

9. **Promote Analytics Literacy and Numeracy**
   Embedded inquiry support tools will be linked to just-in-time, just-enough, help and instruction while promoting use of self-serve learning pathways to build analytics literacy and numeracy.

10. **Promote Health Intelligence Sharing**
    Insights and intelligence gleaned from in-system inquiry supports, shall be shared in ways that align with and promote the Connect Care Clinical Information Sharing Approach.

Alberta Health Services