

Health Research BC REDCap – Learning Health System Projects

1. KEY CHARACTERISTICS OF LEARNING HEALTH SYSTEM (LHS)

While focus on **patient engagement** is central to a Learning Health System (LHS) and **data** remains a key component necessary to support both patient-oriented research (POR) and functioning LHS projects, there are some key differences in LHS work that comes to the foreground.

For LHS projects, there will be a few key characteristics that will be noticeably different from POR:

1. **Care providers and/or leaders from the health system** are usually either leading the project or are a key member of the project team
2. **Changes/modifications in health care practices and/or service delivery** is apparent, and therefore the work occurs within the health system.
3. **Multiple cycles of work** are either explicitly identified or are implied within the activity plan, where each cycle includes:
 - a. Data from the system (e.g., data created out of the provision of care) are used to create Knowledge (D2K),
 - b. The Knowledge generated is used, in combination with other sources (e.g., synthesis of research evidence) to create changes in Practice (K2P), and
 - c. The Practice directly generates meaningful Data that helps to understand the performance of the system

2. RELATED SOPS/DOCUMENTS

- SOP 100 – Health Research BC REDCap New Project Request