

Appendix Table 2**Summary of data sources and proposed use in complications study and cost effectiveness study**

Data Source(s)	Description and Proposed Use
WebDR	EMR data from Primary Care Diabetes Support Program Exposure or exposure definition
Ontario Diabetes Database (ODD)	ICES-validated diabetes cohort Cohort creation
Registered Persons Database (RPDB)	Database of OHIP eligible Ontarians Cohort creation Predictor/cofactor/covariate Cohort stratification
Canadian Institute of Health Information Discharge Abstract Database (CIHI-DAD)	Database of hospitalizations Cohort creation Outcome or outcome definition
National Ambulatory Care Reporting System (NACRS)	Database of emergency department, outpatient visits Cohort creation Outcome or outcome definition
Ontario Health Insurance Plan (OHIP) Database	Database of physician visits Cohort creation Outcome or outcome definition
Canadian Organ Replacement Register (CORR) Database	Database of organ transplants Cohort creation Outcome or outcome definition
Trillium Gift of Life Network (TGLN) Database	Database of organ transplants Cohort creation Outcome or outcome definition
Client Agency Program Enrolment (CAPE)	Database of patient enrolment to primary care providers Cohort creation Predictor/cofactor/covariate
Immigration, Refugees and Citizenship Canada Permanent Residents Database (CIC)	Cohort creation Predictor/cofactor/covariate
Ontario Marginalization Index (ONMARG)	Database of patient enrolment to primary care providers Cohort creation Predictor/cofactor/covariate
Ontario Asthma dataset (ASTHMA)	ICES-validated asthma cohort Predictor/cofactor/covariate
Congestive Heart Failure (CHF)	ICES-validated congestive heart failure cohort Predictor/cofactor/covariate
Chronic Obstructive Pulmonary Disease (COPD)	ICES-validated chronic obstructive pulmonary disease cohort Predictor/cofactor/covariate
Ontario Hypertension dataset HYPER	ICES-validated hypertension cohort Predictor/cofactor/covariate
Ontario Dementia Database (DEMENTIA)	ICES-validated dementia cohort Predictor/cofactor/covariate
Ontario HIV Database (HIV)	ICES-validated HIV cohort Predictor/cofactor/covariate

Ontario Rheumatoid Arthritis Database (ORAD)	ICES-validated rheumatoid arthritis cohort Predictor/cofactor/covariate
Ontario Crohn's and Colitis Cohort dataset (OCCC)	ICES-validated Chron's and Colitis cohort Predictor/cofactor/covariate
Ontario Case Costing initiative (OCCI)	Costs Outcome or outcome definition
Ontario Laboratory Information System (OLIS)	Lab tests Outcome or outcome definition
Laboratory Data from South-western Ontario hospitals (CERNER)	Lab tests Outcome or outcome definition
Ontario Drug Benefit (ODB)	Prescription drugs for 65+ year old Outcome or outcome definition
