

Chronic Kidney Disease (CKD) Screening Toolkit Overview



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Purpose

The CKD Screening Toolkit helps primary care teams identify patients who may be due for Chronic Kidney Disease (CKD) screening and order recommended screening tests. It supports proactive screening of patients at higher risk of CKD, including those with type 2 diabetes (T2DM) and hypertension (HTN). Ontario Renal Network's (ORN) KidneyWise guidelines recommend screening high-risk patients using estimated Glomerular Filtration Rate (eGFR) and urine Albumin-Creatinine Ratio (uACR).

Version History

Version	Release Date	Notes
1.0	July 2026	Initial release

Toolkit Overview

This toolkit was developed by Amplify Care to support proactive CKD screening in primary care. It includes patient identification searches and an enhanced lab requisition to support screening and test ordering workflows.

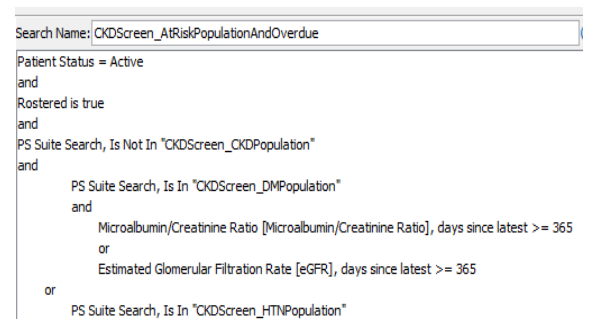
1. Patient Identification Searches

Purpose: Identify patients who may be due for CKD screening based on diagnosis status and screening history.

When to use: Run this search when planning CKD screening activities or reviewing patients for screening.

Action: Please import all five searches included in the toolkit package:

- CKDSCREEN_AtRiskPopulationAndOverdue
- CKDSCREEN_AtRiskPopulation_Baseline Metrics
- CKDSCREEN_DMPopulation
- CKDSCREEN_HTNPpopulation
- CKDSCREEN_CKDPopulation



```
Search Name: CKDSCREEN_AtRiskPopulationAndOverdue
Patient Status = Active
and
Rostered is true
and
PS Suite Search, Is Not In "CKDSCREEN_CKDPopulation"
and
    PS Suite Search, Is In "CKDSCREEN_DMPopulation"
    and
        Microalbumin/Creatinine Ratio [Microalbumin/Creatinine Ratio], days since latest >= 365
        or
        Estimated Glomerular Filtration Rate [eGFR], days since latest >= 365
    or
    PS Suite Search, Is In "CKDSCREEN_HTNPpopulation"
```

The primary search to run in practice for generating a patient list is **CKDSCREEN_AtRiskPopulationAndOverdue**. Consider running searches outside clinic hours to avoid disrupting day-to-day EMR use. Refer to **Appendix A** for additional details.

2. Enhanced Lab Requisition Custom Forms

Purpose: Support CKD screening by helping clinicians efficiently order recommended screening tests.

When to use: Use the Enhanced Lab Requisition when ordering bloodwork. It supports routine laboratory ordering and alerts clinicians when patients may be due or upcoming for CKD screening, allowing recommended screening tests to be added as needed. It can also be used following the CKD Screening Search.

Action: Please import all seven custom forms included in the toolkit package:

- 2026 - Lab Req (Enhanced)
- 2026 - Lab Req (Enhanced) Notification Criteria
- amplify-FeedbackForm
- amplify-InitialTerms
- amplify-MainForm-OptedIn
- amplify-MainForm-OptedOut
- amplify-NewVersionForm

The primary form to use in practice is **2026 - Lab Req (Enhanced)**. This enhanced form includes two clinical support features: alerts and pre-built order sets.

Please refer to **Appendix B** for additional details.

2026 - Lab Req (Enhanced)

File

Ontario Ministry of Health Laboratory Requisition Requisitioning Clinician / Practitioner

Name
RPA Bot1

Address
419 Philip Street
Waterloo, ON N2L 3X2

Clinician/Practitioner's Contact Number for Urgent Results
() - () - ()

Health Number
ON 7873 440 593

Version
1

Sex
☐ M ☒ F

Date of Birth
mm dd yy
05 26 1983

Service Date
mm dd yy
05 26 2026

Check ☒ One: ☐ Third Party / Uninsured ☐ WSB

Additional Clinical Information (e.g. diagnosis)

Copy to: Clinician/Practitioner
Last Name First Name
Address

Test 1
Patient's Last Name (as per OHIP Card)
Patient's First & Middle Names (as per OHIP Card)
Alabama
Patient's Address (including Postal Code)
123 Any St
Belleville, ON K1K1K1

Note: Separate requisitions are required for cytology, Ontario Cervical Screening Program HPV and cytology tests, histology/pathology, ColonCancerCheck FIT test, and tests performed for Public Health Laboratory.

☒ Biochemistry	☒ Hematology	☒ Viral Hepatitis (check one only)
☐ Glucose ☐ Random ☐ Fasting	☐ CBC	☐ Acute Hepatitis
☐ HbA1c	☐ Prothrombin Time (INR)	☐ Chronic Hepatitis
☐ Creatinine (eGFR)	☐ Immunology	☐ Immune Status / Previous Exposure
☐ Urino-Acid	☐ Pregnancy Test (Urine)	Specify: ☐ Hepatitis A
☐ Sodium	☐ Mononucleosis Screen	☐ Hepatitis B
☐ Potassium	☐ Rubella	☐ Hepatitis C
☐ ALT	☐ Prenatal ABO, RhD, Antibody Screen (titre and cent. if positive)	or order individual hepatitis tests in the "Other Tests" section below
☐ Alk. Phosphatase	☐ Repeat Prenatal Antibodies	Prostate Specific Antigen (PSA)
☐ Bilirubin	☐ Microbiology ID & Sensitivities (if warranted)	☐ Total PSA ☐ Free PSA
☐ Albumin		☐ Suspect PSA: Specify one below
		☐ Insured - (i) suspected prostate cancer (family history, test, physical examination, symptoms); or
		☐ (ii) diagnosed prostate cancer (monitoring/follow up)
		☐ Uninsured - Asymptomatic screening - Patient

Upcoming or due monitoring: [Tool Guide](#)

CKD Screening - Due*

Criteria

Add

Clear

Add order sets by condition:

Please select...

Please select...

CKD initial investigation

DM annual monitoring

DM initial investigation

DM quarterly monitoring

HF initial investigation

HF ongoing monitoring

Clear

Alerts notify clinicians when patients meet CKD screening criteria and may be due or upcoming for screening.

Pre-built order sets include commonly ordered lab presets that can be added quickly to the requisition.

Installation Instructions

Please refer to the [Installation Guide](#) for step-by-step instructions on installing the toolkit components. For assistance or questions, contact the Amplify Care team at EMRtools@amplifycare.com.

Appendix A: Search Details

There are five searches in this package. Some searches are intended for clinics to run directly, while others are supporting searches required for the main searches to work.

Search Name	Description
CKDSCREEN_AtRiskPopulationAndOverdue (Master search to run)	Identifies patients at risk for CKD based on T2DM or HTN diagnosis and their eGFR/uACR screening status. Screening interval for patients with T2DM is 365 days Screening interval for patients with HTN only: 730 days
CKDSCREEN_AtRiskPopulation_Baseline Metrics (Run only if the clinic has signed a participation agreement and agreed to submit baseline data for quality improvement)	Identifies the broader CKD-related population, including patients with diagnosed CKD and patients at risk based on T2DM or HTN.
CKDSCREEN_DMPopulation (Supporting search -required for the main searches above)	Identifies patients with T2DM based on coded or free-text diagnoses.
CKDSCREEN_HTNPopulation (Supporting search -required for the main searches above)	Identifies patients with HTN based on coded or free-text diagnoses
CKDSCREEN_CKDPopulation (Supporting search -required for the main searches above)	Identifies patients with CKD based on coded or free-text diagnoses

Appendix B : Enhanced Lab Requisition Details

There are seven forms in this package. Two forms support the Enhanced Lab Requisition, while the remaining forms support built-in usage analytics.

Form Name	Description
2026 - Lab Req (Enhanced)	Primary form used in practice for ordering laboratory tests, including CKD screening tests.
2026 - Lab Req (Enhanced) Notification Criteria	Supporting form that explains why a patient was flagged for CKD screening, including qualifying diagnoses and the dates of previous screening tests.
amplify-FeedbackForm	Supporting forms required for usage analytics functionality. The Enhanced Lab Requisition includes built-in usage analytics to help Amplify Care understand toolkit adoption, measure impact, and support ongoing tool enhancements. Additional information can be found on the Amplify Care website: Usage Analytics
amplify-InitialTerms	
amplify-MainForm-OptedIn	
amplify-MainForm-OptedOut	
amplify-NewVersionForm	