



EHR Data Collection



KanSurvive 2.0 Key Goals

KanSurvive aims to improve care for rural adult cancer survivors within primary care settings using pragmatic, practical strategies.

1

Accurately document the cancer diagnosis of every survivor at the most specific ICD-10 level within the EHR.

2

Provide EHR tools and resources that facilitate ordering and documenting guideline-concordant survivorship care.

3

Implement annual action plans to ensure delivery or ordering of most or all recommended survivorship care.

Data Collection Overview

We use a limited dataset to protect patient privacy.

You will not track patient identities in REDCap, but please keep a record of the charts you review. Aim to follow the same patients throughout the project (it's okay if some are added or dropped).

Target: At least 5 patients per tumor type (**breast, lung, prostate, colorectal**) — minimum of 20 total charts.

If you can't find enough cases for a tumor type, that's okay — this is a baseline goal.

Identifying Cancer Survivors

Identifying survivors can be the most challenging part of data collection.

Here are key strategies to help:

Check the **problem list** for personal history of cancer (ICD-10 Z85.x codes) or active cancer codes (C50.x, etc.).

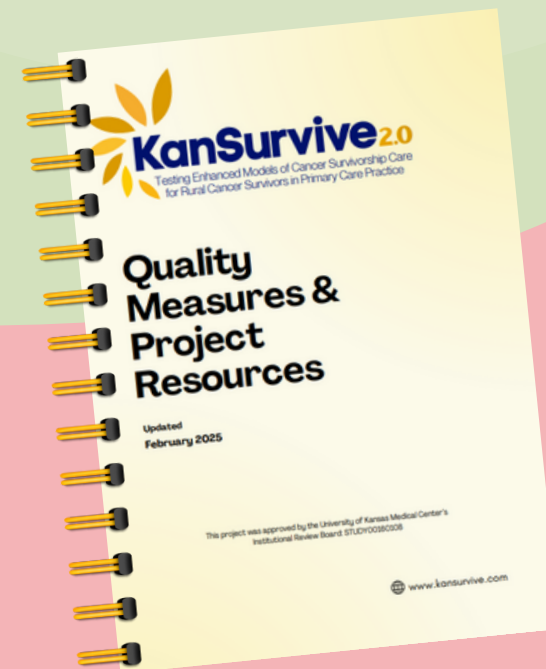
Review **medical history and medications** for cancer diagnosis details and cancer-specific therapies (e.g., aromatase inhibitors, tamoxifen).

Look at **oncology consult notes or survivorship care plans** for treatment and remission info.

Examine **procedure and surgical history** for cancer-related surgeries like a mastectomy or prostatectomy.

Note **patterns of follow-up screening** such as mammograms, colonoscopies, or PSA tests.

Use your **KanSurvive Quality Measures Booklet** for ICD-10 Code examples!





REDCap (Research Electronic Data Capture) is a secure, HIPAA-compliant database system used for data collection.

<https://redcap.kumc.edu/surveys/?s=MK3FYPLEXCED8PYF>



Data is collected via a survey link **no sign-in or special credentials are required.**

Users can **bookmark** the survey link for easy access.

A screenshot of the KanSurvive 2.0 survey form. The form is titled "General Patient Information" and includes several input fields and dropdown menus. At the top right, there is a button labeled "Returning?". The form fields include: "Assessment date:" with a date picker and "MDY" label; "Date of data entry:" with a date picker; "Practice name:" with a dropdown menu; "Name of person entering data:" with a text input field; "Patient zip code:" with a text input field; "Patient date of birth:" with a date picker and "MDY" label; "What is the patient's gender?" with a dropdown menu; "What is the patient's race?" with a dropdown menu; and "Is the patient Hispanic or Latino?" with a dropdown menu. At the bottom of the form, there are two buttons: "Submit" and "Save & Return Later".

Save & Return Later

Returning?

KanSurvive^{2.0}

General Patient Information

Assessment date: M-D-Y
Date of data entry

Practice name:

Name of person entering data:

Patient zip code:

Patient date of birth: M-D-Y

What is the patient's gender?

What is the patient's race?

Is the patient Hispanic or Latino?

Submit

Save & Return Later

A **unique save-and-return code** is provided, so you can pause and resume data entry later.

To return, click the “Returning” button at the top right and enter your code.

Your survey responses were saved!

You have chosen to stop the survey for now and return at a later time to complete it. To return to this survey, you will need both the *survey link* and your *return code*. See the instructions below.

1.) Return Code

A return code is ***required*** in order to continue the survey where you left off. Please write down the value listed below.

Return Code

* The return code will NOT be included in the email below.

2.) Survey link for returning

You may bookmark this page to return to the survey, OR you can have the survey link emailed to you by providing your email address below. For security purposes, **the return code will NOT be included in the email**. If you do not receive the email soon afterward, please check your Junk Email folder.

* Your email address will not be associated with or stored with your survey responses.

Or if you wish, you may continue with this survey again now.

If you forget or lose your code, we can retrieve it on our end and assist you in real time.

Survey Questions

Please answer **all questions to the best of your ability.**

Most questions are Yes/No designed — “Is this information in the chart? Yes or No.”

If you encounter a question you cannot answer or if the information is unclear or missing, there is an **optional text box at the end of the survey** where you can briefly explain the difficulty or limitation.

You may notice “random” dates — these dates are generated based on the assessment date and NCCN guideline timelines for screenings and eligibility of the study.

Exclusion Criteria

Has the patient had a virtual or face-to-face encounter since 08-11-2022? Yes No

Has the patient been referred for hospice services? Yes No

Has the patient transferred primary care to another practice? Yes No

Denominator Criteria (Eligible cases)

- Patients age 18 to 75 years on date of assessment **AND**
- A personal history of PC **AND**
- A patient encounter (virtual / in-person office visit) with a provider within 36 months prior to the assessment

Denominator Exclusions (Ineligible cases)

- Patient used hospice services anytime during measuring period **OR**
- Patient has transferred primary care to another practice

Specific Measures

Questions focus on personal history of **breast, colorectal, prostate**, and **lung** cancers.

Questions are generated from numerator definitions in the **KanSurvive Quality Measures Booklet**.

For extra support, click the **NCCN** Guideline link in the booklet.

Breast Cancer Specific Measures

Does the patient have a history of bilateral mastectomy?	<input type="radio"/> Yes <input type="radio"/> No	reset
Does the patient have a history of treatment with aromatase inhibitors? <i>Examples may include Aromasin (exemestane), Femara (letrozole), Arimidex (anastrozole).</i>	<input type="radio"/> Yes <input type="radio"/> No	reset
Is the patient currently receiving therapy for osteoporosis? <i>Treatment options include:</i> <i>Biphosphonate (alendronate, risedronate, ibandronate, or zoledronic acid) or denosumab?</i>	<input type="radio"/> Yes <input type="radio"/> No	reset
How old was the patient at the time of their breast cancer diagnosis?	<input type="text"/>	

Numerator	Patients with one or more mammograms during the assessment period <ul style="list-style-type: none">Appropriate screenings are defined as:<ul style="list-style-type: none">Screening, diagnostic film, digital or digital breast tomosynthesis (3D) mammography results documented and reviewed OR <ul style="list-style-type: none">Screening, diagnostic film, digital or digital breast tomosynthesis (3D) mammography results were not documented and reviewed, reason not given
Basis for Measure	<ul style="list-style-type: none">NCCN - Breast Cancer

Universal Measures

These are general questions you likely already document in charts, such as: depression screenings, tobacco use, and family history documentation.

Universal Measures for Cancer Survivors

Breast Cancer Screening

Has the patient had breast imaging since 09-02-2022?

Breast imaging may include a screening, diagnostic film, digital or digital breast tomosynthesis (3D) mammography or ultrasound.

- Yes
- Patient declined
- Patient has had a bilateral mastectomy

reset

Colorectal Cancer Screening

Has the patient had a colonoscopy since 11-02-2024?

- Yes
- No

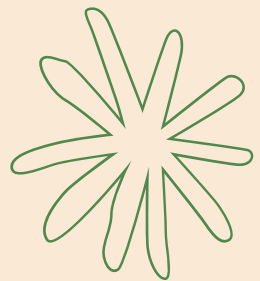
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Problem list

Is the patient's breast/lung/colorectal/prostate cancer diagnosis in the Problem List?

- Yes
- No

reset



Support

Identifying cancer survivors is often the most challenging part of data collection.

The **KanSurvive Quality Measures Booklet** is your best resource for understanding what we are collecting and guiding you through the REDCap survey

If you have questions or run into difficulties, **Catie and Araceli are always available to assist.** We want to make data collection as smooth and barrier-free as possible!



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