



**SAGE QUERI PROGRAM**  
Safer Aging through Geriatrics-informed Evidence-based Practices

# Updates to the RAI FRAILITY TOOL CPRS Reminder Dialogue Template

*March 21, 2022*

# Online RAI is Changing!

**Monday  
March 21,  
2022**

- Transitioning from REDCap to [Microsoft PowerApps](#)
- The embedded REDCap link stops working on midnight Friday March 19, 2022. You can begin using the PowerApps link as soon as you like.
- The new PowerApps link is scheduled to be updated in CPRS by your local Clinical Applications Coordinator by close of business, Monday 3/21/22.

Improved User  
Interface:

-Single Page

-No Scrolling

Power Apps | Surgical Pause Risk Analysis Index (RAI)

U.S. Department of Veterans Affairs

**Surgical Pause Risk Analysis Index (RAI)**

Active User: Danielle Hagan

The RAI is an assessment of frailty--a global syndrome of physiological decline and loss of reserve marked by diminished cognition, strength, balance, and coordination. It can be used to predict the risk of postoperative morbidity and mortality.

**Patient Demographics**

Age:  Sex:

**Social History**

Does the patient live in a nursing home, skilled nursing facility or another assisted living environment? ☐ No

**Medical Conditions**

Has the patient ever seen a nephrologist (kidney doctor) or have a history of kidney problems? ☐ No

Does the patient have chronic (long-term) congestive heart failure (CHF)? ☐ No

Does the patient currently have shortness of breath while resting or with minimal activity?  
*Prompt: "Do you have trouble catching your breath when you are resting or doing minimal activities? For example: walking to the bathroom or mailbox."* ☐ No

In the past 5 years, has the patient been diagnosed with or treated for cancer? ☐ No

**Nutrition**

In the past 3 months, has the patient lost 10 pounds or more without trying? ☐ No

Is the patient's appetite currently poor?  
*Prompt: "Do you or your family members notice that you aren't eating as much?"* ☐ No

**Cognitive**

During the last 3 months has it become difficult for you to remember things or organize your thoughts? ☐ No

**Activities of Daily Living**

Mobility

Eating

Toileting

Personal Hygiene

**Reset Form** **Calculate RAI Score**

© Department of Veterans Affairs, 2.0

# New Table Reports Score for each Risk Factor

## CALCULATED SCORE

Variable	Score
Sex:	3
Cancer Status:	Yes
Age*Cancer Status:	32
Weight Loss:	4
Poor Appetite:	4
Renal Insufficiency:	8
Chronic/Congestive Heart Failure:	5
Shortness of Breath:	3
Dependent Living:	1
Cognitive Decline:	Yes
ADL*Cognitive Decline:	8
Mobility:	Needs help from a cane, walker or scooter
Eating:	Needs help planning his/her meals
Toileting:	Needs help getting to or from the toilet
Personal Hygiene:	Can shower or bathe without help when prompted
RAI Score:	68
RAI Score (without Cancer):	52

### RAI Score

68

*(We recommend considering this higher score if the patient's cancer is unresectable, metastatic or carries a poor prognosis.)*

Because this patient indicates a history of cancer, please select the toggle box in CPRS to this effect and enter the:

### RAI Score (without cancer)

52

*(We recommend considering this lower score if the patient's cancer is minor or definitively treated such that it does not impact long term survival or frailty.)*

**Scores  $\geq 37$  indicate significant frailty and should be discussed with the surgeon and patient.**

[Return to RAI Calculator](#)

Access  
Unchanged:

Use the  
Hyperlink

Reminder Dialog Template: RAI FRAILITY SCORE

Risk Analysis Index (RAI) Frailty Assessment Version 1.1

FRAILITY ASSESSMENT:

The Risk Analysis Index (RAI):

- \* Is a validated measure of patient frailty
- \* Helps assess a patient's global physiological reserve
- \* Increased levels of frailty are associated with adverse outcomes
- \* Significant frailty is indicated by scores greater than or equal to 37

Use the Online RAI to calculate the RAI; then record the value in the field below.

RAI score is:  
(Must be an integer value between 0 and 81)

\*

☐ Comment:

☐ Select this checkbox if patient indicated history of cancer

If the link does not work:

1. Let us know at [VHASurgicalPause@va.gov](mailto:VHASurgicalPause@va.gov)
2. You can access the site by clicking [here](#)

**AND**

3. Contact your local Clinical Applications Coordinator to inquire when they plan to update the template with the new Microsoft PowerApps Template.

# How to use the table:

1- Select table with cursor

2-Control+c to copy

## CALCULATED SCORE

Variable	Score
Sex:	3
Cancer Status:	Yes
Age*Cancer Status:	32
Weight Loss:	4
Poor Appetite:	4
Renal Insufficiency:	8
Chronic/Congestive Heart Failure:	5
Shortness of Breath:	3
Dependent Living:	1
Cognitive Decline:	Yes
ADL*Cognitive Decline:	8
Mobility:	Needs help from a cane, walker or scooter
Eating:	Needs help planning his/her meals
Toileting:	Needs help getting to or from the toilet
Personal Hygiene:	Can shower or bathe without help when prompted
RAI Score:	68
RAI Score (without Cancer):	52

## RAI Score

68

*(We recommend considering this higher score if the patient's cancer is unresectable, metastatic or carries a poor prognosis.)*

Because this patient indicates a history of cancer, please select the toggle box in CPRS to this effect and enter the:

## RAI Score (without cancer)

52

*(We recommend considering this lower score if the patient's cancer is minor or definitively treated such that it does not impact long term survival or frailty.)*

**Scores  $\geq 37$  indicate significant frailty and should be discussed with the surgeon and patient.**

[Return to RAI Calculator](#)

How to use the table:

3- Input RAI Score into Template

4-Press "Finish"

Reminder Dialog Template: RAI FRAILITY TOOL

\* Significant frailty is indicated by scores greater than or equal to 37

Use the [Online RAI](#) to calculate the RAI; then record the value in the field below.

RAI score is:  
(Must be an integer value between 0 and 81)

\* 55

☐ Select this checkbox if patient indicated history of cancer

Visit Info Finish Cancel

FRAILITY ASSESSMENT:  
RAI score is:  
55

Health Factors: **RAI FRAILITY SCORE**

\* Indicates a Required Field

How to use  
the table:

5-Paste Table  
in CPRS with  
Control+v

Last 250 Signed Notes (Total: 5459)

NEW Note in Progress

Mar 30, 21 GENERAL SURGERY ATTENDING, NON COUNT-X, Ha

Signed notes by date range

- Administrative Information
- Admission Assessment - Nursing
- Advance Directive
- Adverse React/Allergy
- Allergy Injection - Nursing
- Annie Health Messaging
- Anticoagulation Risk-Benefit Assessment
- Battlefield Acupuncture
- Blood Pressure Pre Visit Call
- Caregiver Enrollment Alert
- Clc Adl Note

Templates

- GEM
- GI
- HBPC
- HEM/ONC
- HISTORY & PHYSICAL
- HJ Heinz
- HJH CLC Admission
- HT TEMPLATES
- IMPACT
  - 1-RN SCREENING
  - 2-PROVIDER PRE OP EVAL & MANAGEMENT
  - 3-ANESTHESIOLOGIST
  - IMPACT PRE OPERATIVE PATIENT INSTRUCTIONS
  - RAI FRAILITY TOOL
- Ineligible Enrollment - Medical Review
- INVASIVE PROCEDURE DOCUMENTATION
- KIDNEY TRANSPLANT
- LAB
- MOVE
- MULTIDISCIPLINARY FOLDER

Reminders

Encounter

New Note

GENERAL SURGERY ATTENDING

Vst: 03/30/21 NON COUNT-X

FRAILITY ASSESSMENT:

RAI score is:

55

Health Factors:

RAI FRAILITY SCORE

Cover Sheet Problems Meds Orders Notes Consults Surgery D/C Summ Labs Reports

Paste Table  
Here:



Pasted Table  
will look like  
this

(No way to  
improve the  
formatting)

```
FRAILITY ASSESSMENT:
  Risk Analysis Index (RAI) score is:
    27
Sex      3
Cancer Status    No
Age*Cancer-Status      24
Weight Loss      0
Poor Appetite    0
Renal Insufficiency      0
Chronic/Congestive Heart Failure      0
Shortness of Breath      0
Dependent Living      0
Cognitive Decline      No
ADL*Cognitive Decline    0
Mobility          Can get around without any help.
Eating    Can plan and prepare his/her own meals.
Toileting          Can use the toilet without help.
Personal Hygiene          Can shower or bathe without prompting or help.
RAI Score      27
```

Copying and Pasting Table is OPTIONAL  
(not required)

# Questions?

- Reach out anytime to:
  - [VHASurgicalPause@va.gov](mailto:VHASurgicalPause@va.gov)
- Check out our Marketplace Page
  - [VA Diffusion Marketplace](#)
- [Link to RAI PowerApps Tool](#)