Contrast Risk Workshop

Enhancing Clinical Decision Support for Prevention of Contrast-Induced Acute Kidney Injury in Cardiac Catheterization









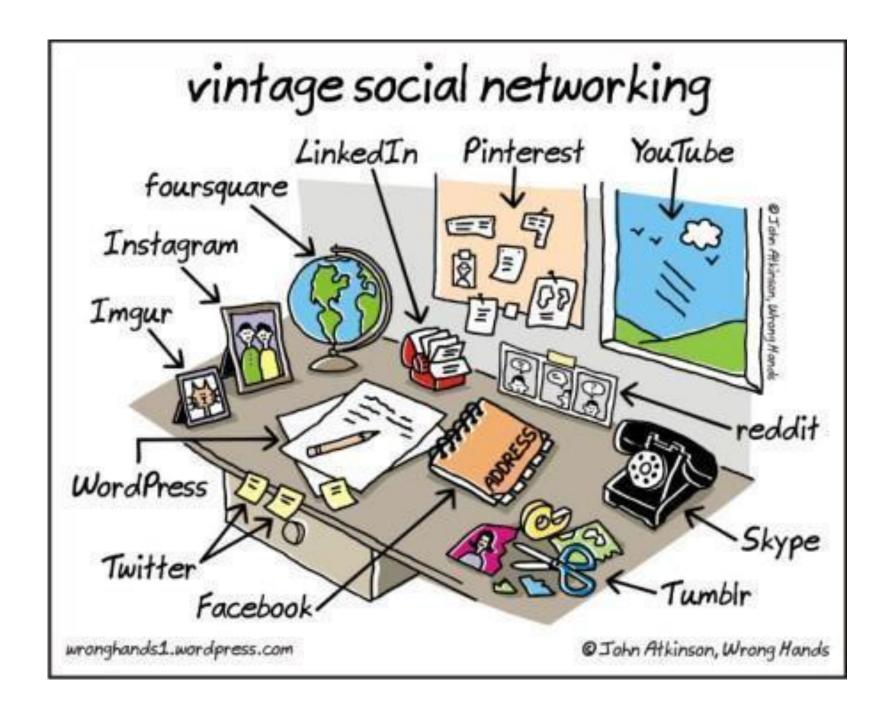












Overview: the why, what and how of the project



- Why should I listen (Background)?
- What do I need to know to do my job (implementation strategy)?
- **How** will it work and be implemented?
- Next steps and Questions



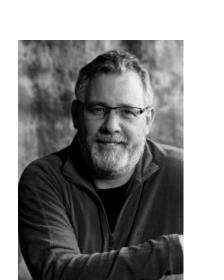


By the end of the workshop you should:

- Recognize four solutions for CI-AKI Prevention
- Gain insight into how the solutions will be implemented across the 3 sites in Alberta
- Understand the workflow, tools, and the changes you may encounter
- Be informed regarding the steps that lie ahead



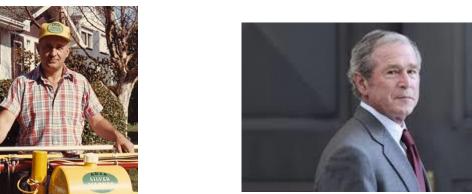


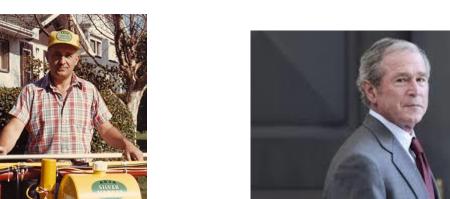




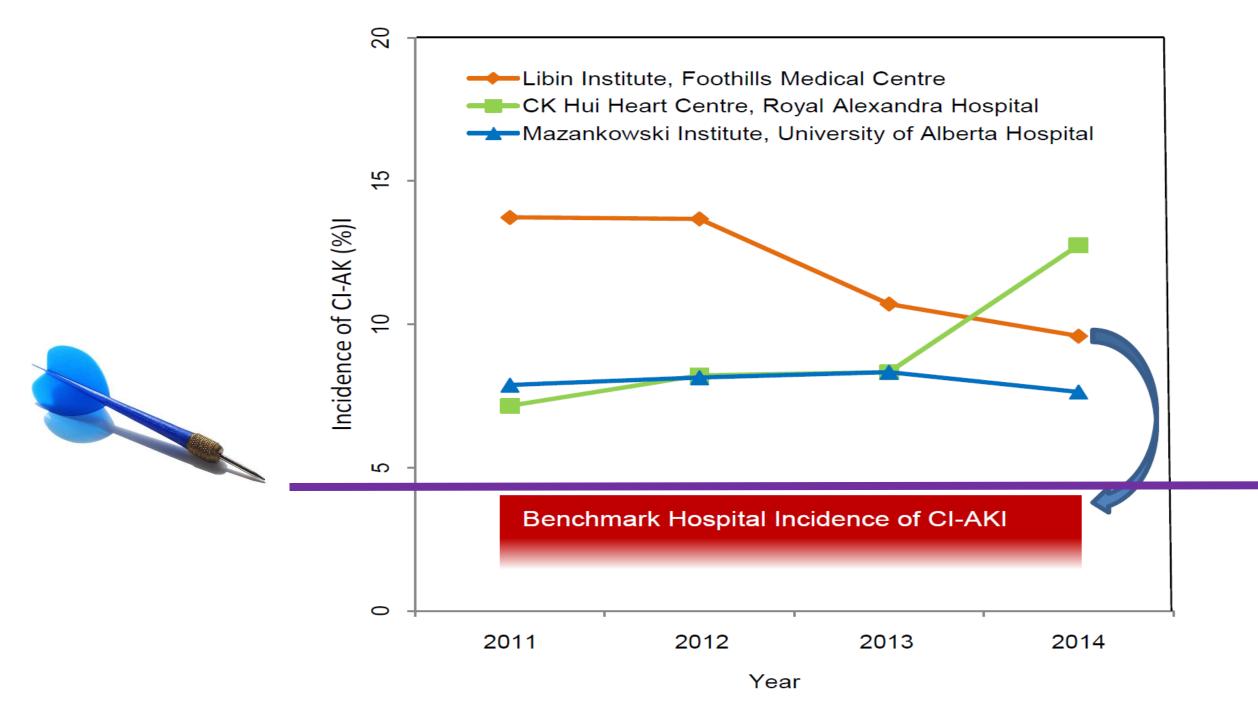




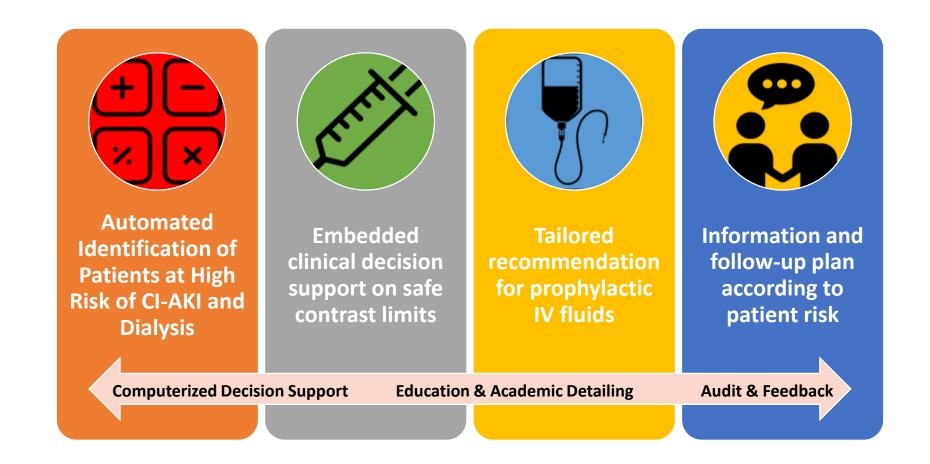








The What: Implementation Strategy

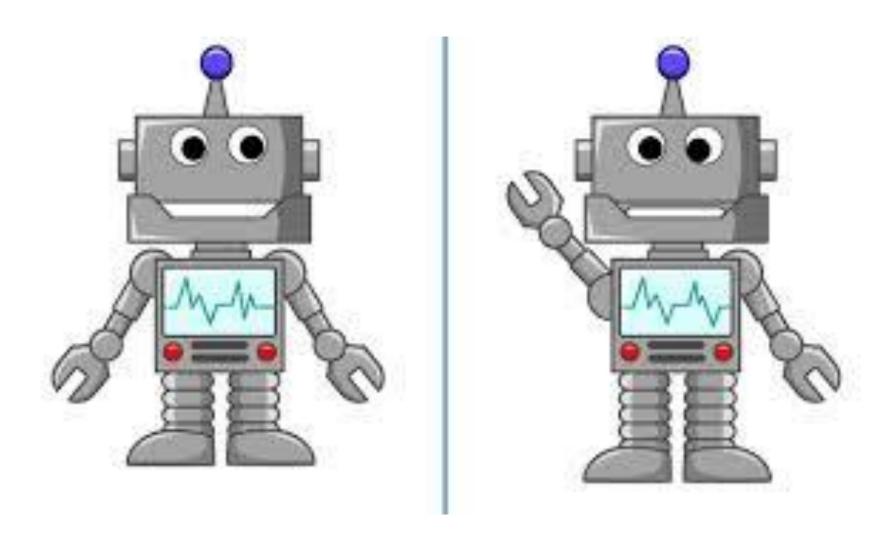


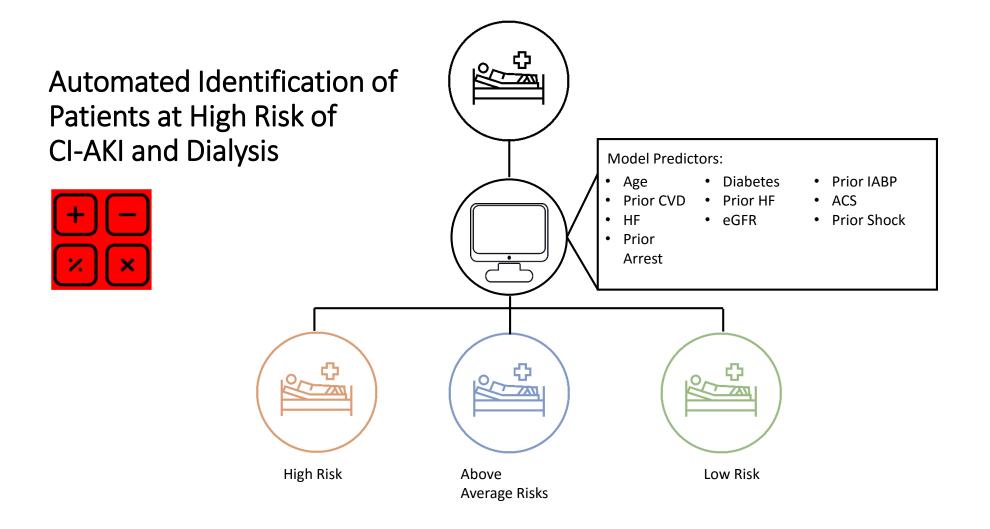


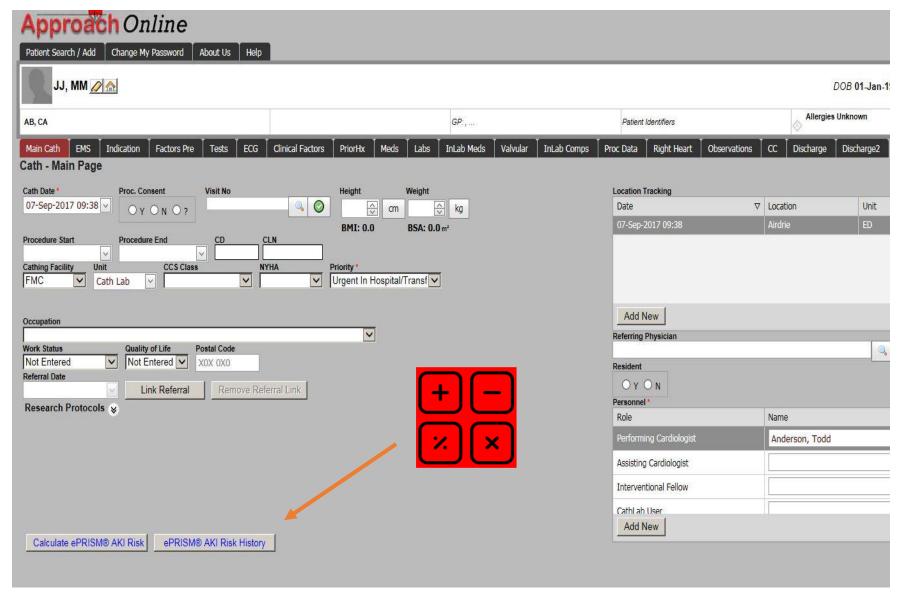
implementation

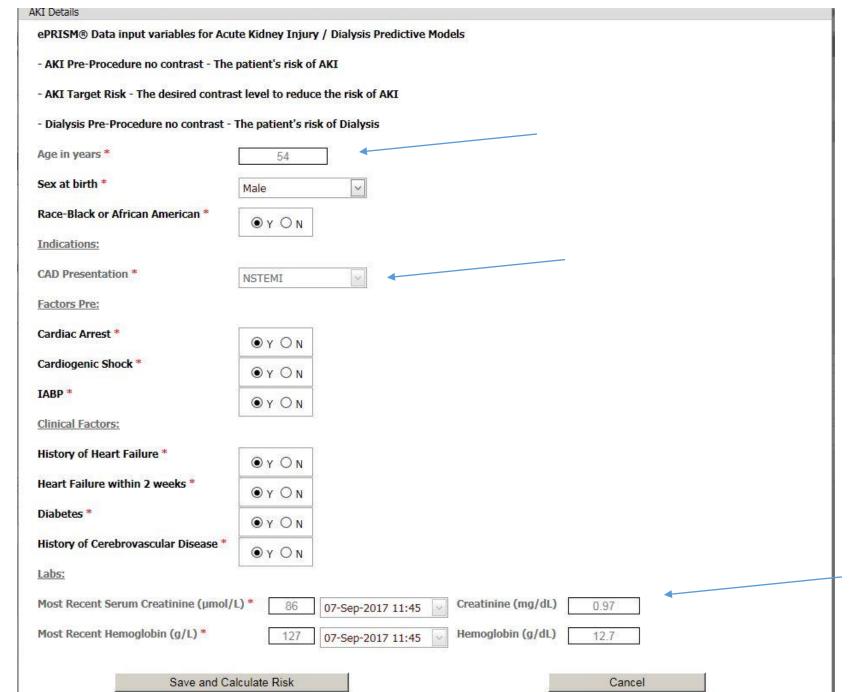


SPOT the Difference



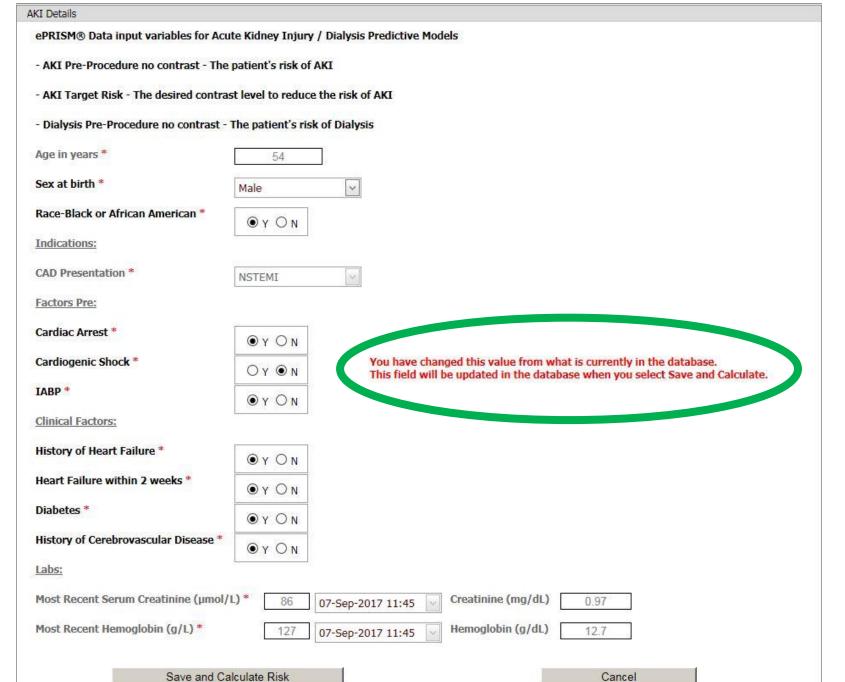






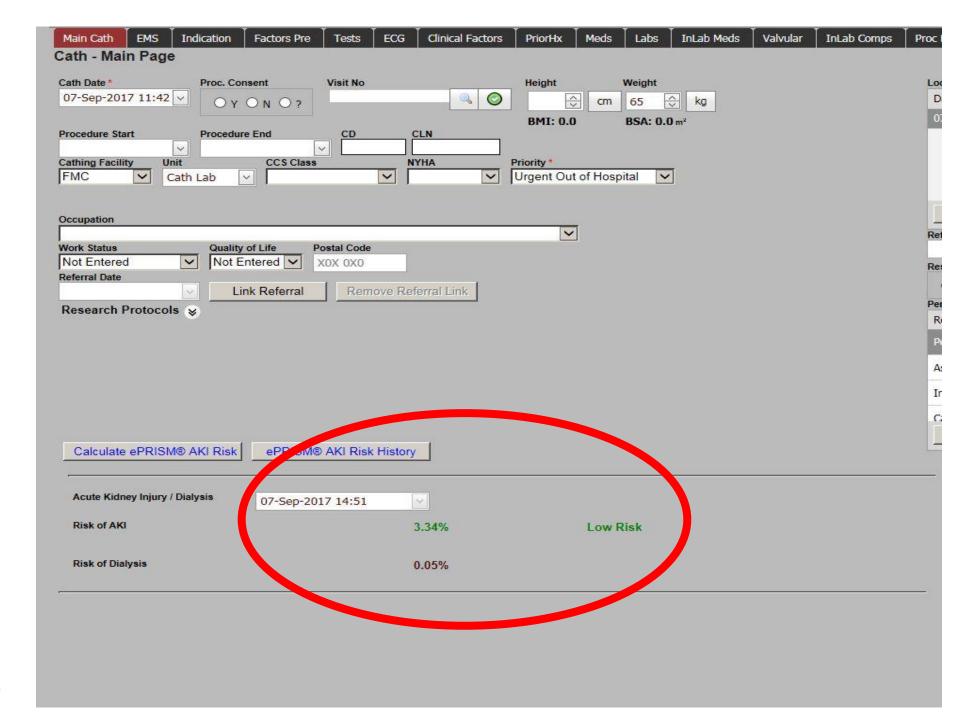
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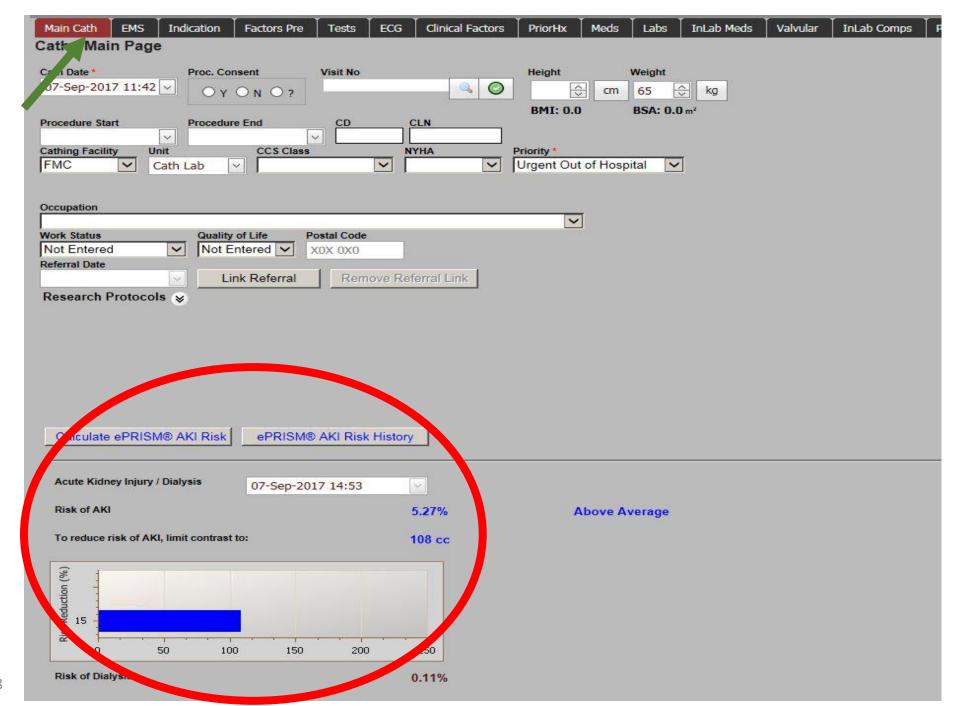
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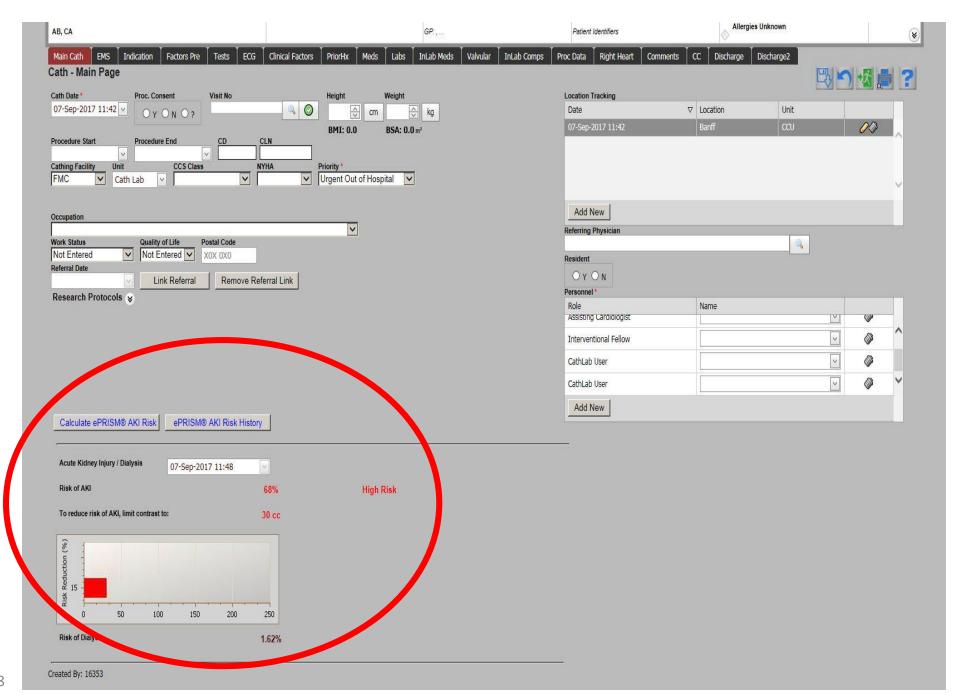


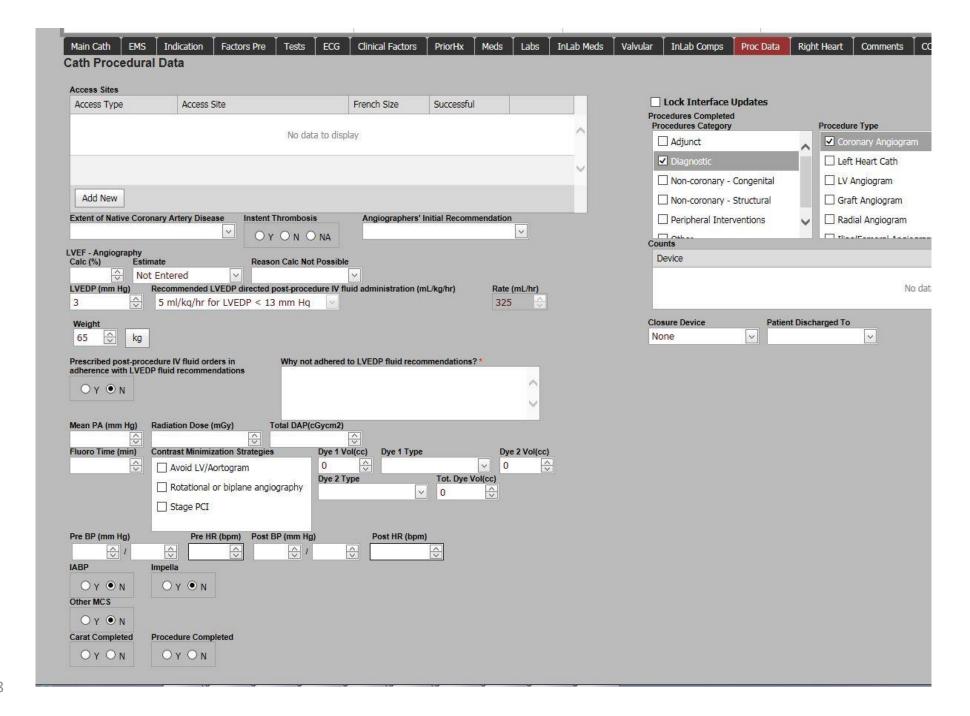
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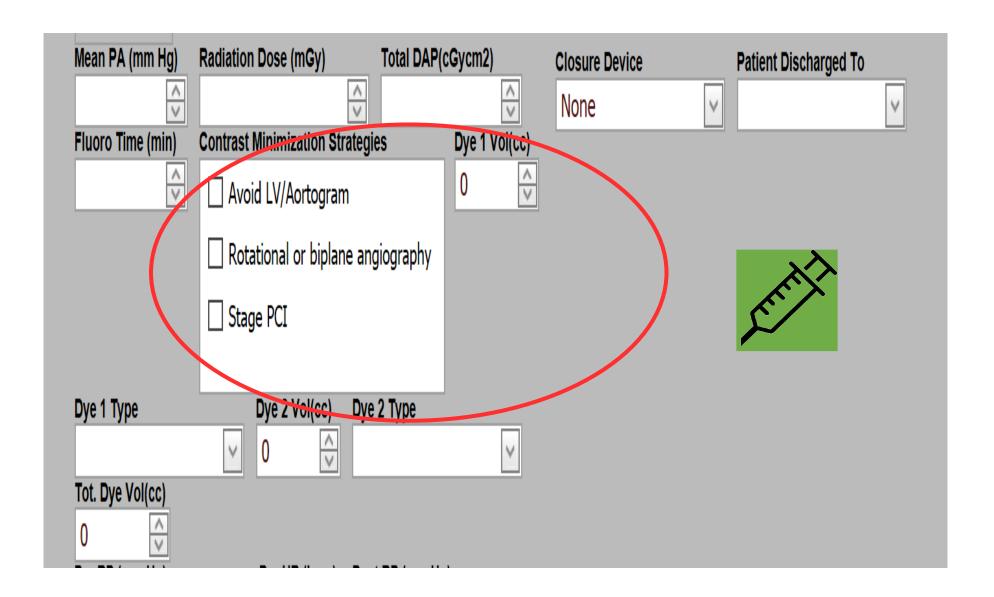
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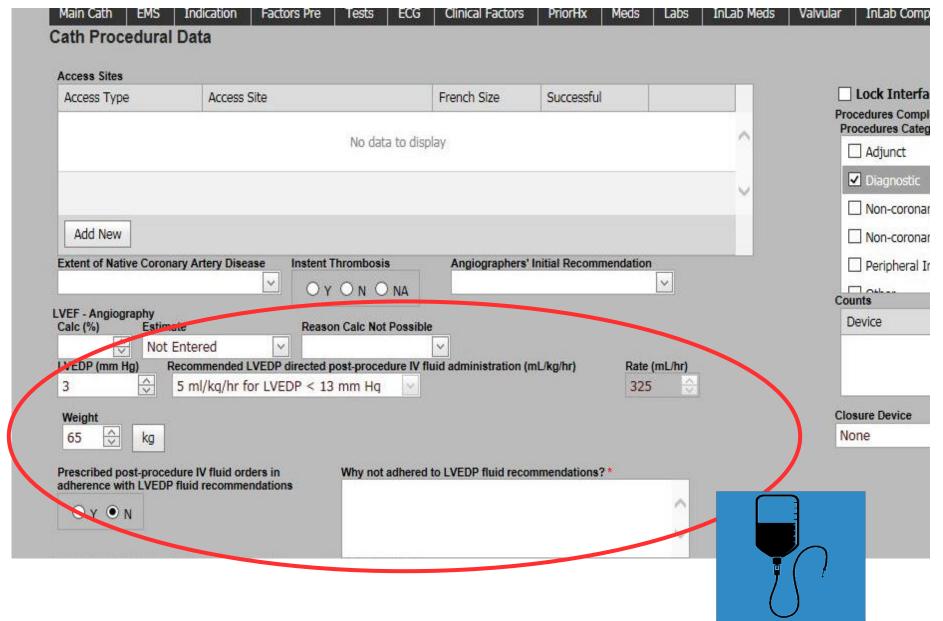




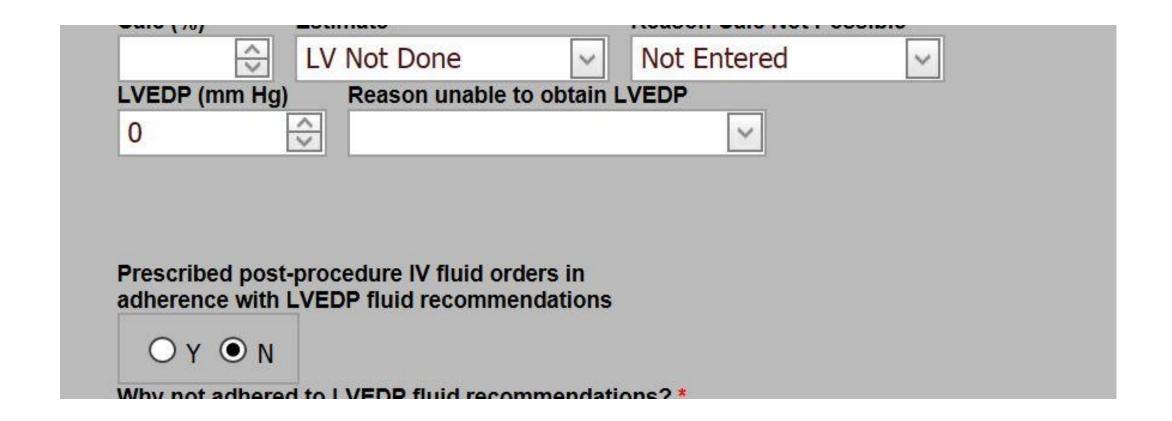








19





Patient Information After X-Ray Contrast Administration

Date:			

Dear Patient:

Today you received an x-ray contrast dye during your heart procedure.

You are at risk for a drop in your kidney function due to this dye.

For this reason, you have hear gives, a laboratory requisition to have a blood test in 2-3 days from today to check your kidney function. The results of this test will be sent to your doctor (usually your family doctor).

You can take the following steps to minimize the effects of the dye on your kidneys:

- Drink plenty of clearfluids (6-8 glasses of water per day) on the day of and 2 days following your procedure, unless otherwise directed by your doctor who did your procedure.
- Please take the laboratory requisition to a laboratory of your choice in 2 to 3 days from today to have blood work drawn to check your kidney function
- Follow-up with your family doctor to review your blood work to determine whether there has been any changes to your kidney function.
- Even have any concerns on are feeling unwell in any way, please contact your family doctor.

Sincerely Site name Hospital name Phone number





Phone number

Patient Identifier		

Physician Name:					
Physician Phone:					
Your patient received cardiac catheterization on at risk of contrast-induced acute kidney injury.	(date) and was identified as being				
Your patient has been given a requisition for a serum creatinine level to be checked 2 to 3 days after the procedure and these results will be sent to you. It has been recommended to your patient that they see you within a week after their procedure, including follow-up of their kidney function.					
Information and the management and referral of patients identified with kidney disease can be found on the Alberta online chronic kidney disease clinical pathway at:					
www.diagnoseckd.ca					
Sincerely,					
Site name Hospital name					



Managing the Transition

- Communication
- Adaptability
- Support
- Action
- Knowledge

Resources available:





Version 1 se of June 15, 2017













CONTRAST INDUCED APPROACH CHEAT SHEET

Step by Step procedure:

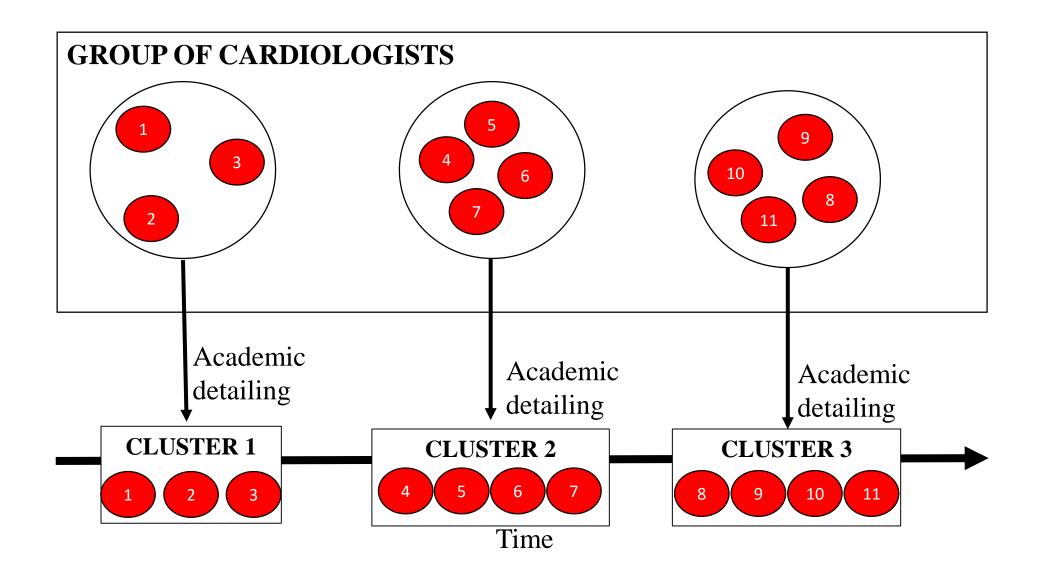
Pre Procedure

- 1) Review and Update any data elements on the AKI risk Popup Window Frequired
- Save and Calculate Risk button to execute risk of AKI, Risk of Dislysts and Safe contrast limit displayed on main page
- Safe contrast limits will only be displayed if the AKI risk calculator identifies that the patient is ABOVE average or High-Risk
- 4) Communicate the rafe contrast volume limit to the cardiologist PRIOR to the start of the procedure
- Inform the cardiologist at the time the safe contrast limit is reached The cardiologist will decided to continue or end the case at their discretion
- Enter actual contrast volume used, along with any strategies used to minimize contrast volume
- Enter LVEDP and Weight manually into APPROACH in order to obtain the recommend post procedure IV fluid order
- a) Communicate the recommended IV rate to the cardiologist who will
 determine to follow or not follow the recommendation. If nor following the
 recommendation enter reason into APPROACH

Next Steps:

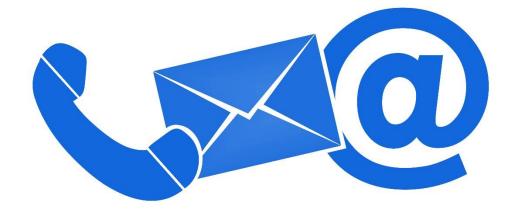
- Survey
- Knowledge Sharing
- Pilot
- Implement







Contact us:



Need Help after today?

 Pantea Amin Javaheri, project coordinator, is available for one-on-one or group training, she can also attend staff meetings as needed (contact info)

Do you have any questions or comments?

- If you have questions or comments regarding APPROACH, please email them at support@approach.org and in the subject line put: AHS QA for AKI
- If you have questions about the presentation or project please contact



