

**Key informant interview questions**

**ID:**

**Date:**

<b>Demographics</b>					
Training Level	Attending	Resident	Fellow		
Age (Open-ended)					
Gender	Female	Male			
Do you use any Clinical Decision Support (CDS) tools now?	Yes	No			
Which ones?	Which Ones -				
Specialty					
<b>Heuristics of the Tool (from SEIPS Usability Evaluation)</b>					
What would be the max number of:					
Clicks to be a barrier?	1	2	3	4	5 or more
Number of Screen Flips	1	2	3	4	5 or more
Time to complete the tool (in seconds)	< 1	1-2	2-3	3-4	> 4
Reminder/guidance screens	1	2	3	4	5 or more
<b>Best Trigger Point: (explain the question)</b>	<b>Trigger is a word and place that a CDS tool would be launched from.</b>				
What would be the optimal trigger point for ( <u>insert disease or diagnosis</u> ) clinical prediction rule (CPR) based on your current workflow?	<ul style="list-style-type: none"> <li>· Order entry</li> <li>· Chief Complaint / Triage nurse information</li> <li>· Other?</li> </ul>				
What words would you suggest would be an optimal trigger for ( <u>insert disease or diagnosis</u> ) CDS tool?					
<b>Motivation to accept the calculator</b>					

Would a bundle set order entice you to use the tool?	
What would you like in the bundle set order?	
<b>Satisfaction/User Experience (we ask them to pick their most favored workflow and answer the questions to that one)</b>	<b>The System Usability Scale</b>
I think that I would like to use this tool frequently.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I found the tool design unnecessarily complex.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I think the tool will easy to use.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I think that I would need the support of a technical person to be able to use this tool.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I found the various functions in this tool were well integrated.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I thought there was too much inconsistency in this tool.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I would imagine that most people would learn to use this tool very quickly.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I found the tool's workflow very cumbersome to use.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I would feel very confident using the workflow.	1 Strongly Disagree    2    3    4    5 Strongly Agree
I needed to learn a lot of things before I could get going with this system.	1 Strongly Disagree    2    3    4    5 Strongly Agree
<b>Workflow for (insert disease or diagnosis) tool</b>	
What workflow with the EHR would work best for your	

clinical workflow? Why?	
Which workflow would have a larger impact on your decision to order diagnostic tests?	
<b>Question based on Barriers from Literature</b>	<b>1 being less likely – 5 being highly likely</b>
How likely would you prefer your own judgment vs the use of the CDS tool?	1                      2                      3                      4                      5
How likely you will utilize the CDS tool if it is integrated within your workflow?	1                      2                      3                      4                      5
How likely would you utilize the tool if adequate training and support is provided?	1                      2                      3                      4                      5
<b>2009 Healthcare Information and Management Systems Society (HIMSS) Measures</b>	
<p><b>Effectiveness</b></p> <p>·Do you think this tool would be effective (<u>insert disease or diagnosis</u>) decision making rather than your own judgment?</p> <p>·Why?</p>	
<p><b>Efficiency</b></p> <p>·Out of these two workflows which tool would make you more productive?</p> <p>·How would it speed up your process?</p>	
<b>General Design</b>	
How would you like to design the tool?	
<b>Any comments/thoughts:</b>	