Pulmonary Embolism (PE) Computer Decision Tool Session 2 (PE Dx)

Participant ID					
Task 1					
Q2_1_1 Thank you for participating in this study!					
We will ask you questions about tasks that you performed with the a tool that we designed to help assess the risk of pulmonary embolism Dx.		-		-	-
For each of the statements below, indicate your level of agreement.					
	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly disagree
1. Overall, I am satisfied with the ease of completing this task in this scenario		\square_2	\square_3	\square_4	\square_5
2. Overall, I am satisfied with the amount of time it took to complete this task.		\square_2	\square_3	\square_4	\square_5
3. Overall, I am satisfied with the support information (on-line help, messages, documentation) when completing this task.		\square_2	\square_3	\square_4	\square_5
Q2_1_2. The following questions deal with the workload that you n just performed. Please indicate on each of the following six scales y	-	-			•
		Low			High
1. Mental demand. How much mental activity was required to perform this task (thinking, deciding, calculating, remembering, looking, searching, etc)?		للللا			ШШ
2. Physical demand. How much physical activity was required to perform this task (e.g., navigating, scrolling, clicking, etc.)?		بليليا			ШШ
3. Temporal demand. How much time pressure did you feel due to the rate or pace at which the tasks or task elements occurred?)	ШШ	Ш		ШШ
4. Effort. How hard did you have to work (mentally and physically) accomplish your level of performance?) to	للللا			ШШ
5. Performance. How satisfied are you with your performance at the task?		للللا	ШШ		ШШ
6. Frustration level. How insecure, discouraged, irritated, stressed annoyed versus secure, gratified, content, relaxed and complacent d you feel about this task?		للللا	ШШ		ШШ

Q2_2_1 For each of the statements below, indicate your level of agreement.

	rongly sagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly disagree
1. Overall, I am satisfied with the ease of completing this task in this scenario	\square_1	\square_2	\square_3	\square_4	\square_5
2. Overall, I am satisfied with the amount of time it took to complete this task.	\square_1	\square_2	\square_3	\square_4	\square_5
3. Overall, I am satisfied with the support information (on-line help, messages, documentation) when completing this task.	\square_1	\square_2	\square_3	□ 4	□ 5
Q2_2_2 The following questions deal with the workload that you may have performed. Please indicate on each of the following six scales your overall overall years of the following six scales your overall overall years of the following six scales your overall years of the following six scales your overall years of the following six scales years of the following six scales your overall years of the following six scales years over years of the following years of the following years over years of the following years of t	exper				st Higl
1. Mental demand. How much mental activity was required to	······································	LOW			IIIgi
perform this task (thinking, deciding, calculating, remembering, looking, searching, etc)?		шш		Щ	
2. Physical demand. How much physical activity was required to perform this task (e.g., navigating, scrolling, clicking, etc.)?		ىلىلى		ىلىل	
3. Temporal demand. How much time pressure did you feel due to the rate or pace at which the tasks or task elements occurred?		ىلىلى		ىلىل	
4. Effort. How hard did you have to work (mentally and physically) accomplish your level of performance?	to	ىلىلى		ىلىل	
5. Performance. How satisfied are you with your performance at this task?	S	ШШ		Щ	
6. Frustration level. How insecure, discouraged, irritated, stressed an annoyed versus secure, gratified, content, relaxed and complacent do you feel about this task?		ىلىلى		Щ	

Q2_3_1 For each of the statements below, indicate your level of agreement.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly disagree
1. Overall, I am satisfied with the ease of completing this task in this scenario		\square_2	\square_3	\square_4	\square_5
2. Overall, I am satisfied with the amount of time it took to complete this task.		\square_2	\square_3	\square_4	\square_5
3. Overall, I am satisfied with the support information (on-line help, messages, documentation) when completing this task.		\square_2	\square_3	\square_4	\square_5
Q2_3_2 The following questions deal with the workload that you may be performed. Please indicate on each of the following six scales your over		erience of			
1. Mental demand. How much mental activity was required to		Low			Higl
perform this task (thinking, deciding, calculating, remembering, looking, searching, etc)?		ШШ	ШШ		ШШ
2. Physical demand. How much physical activity was required to perform this task (e.g., navigating, scrolling, clicking, etc.)?)	ىلىلا	Щ		ШШ
3. Temporal demand. How much time pressure did you feel due the rate or pace at which the tasks or task elements occurred?	to	ШШ	Щ		ШШ
4. Effort. How hard did you have to work (mentally and physical accomplish your level of performance?	ly) to	للللا	ШШ		ШШ
5. Performance. How satisfied are you with your performance at task?	this	للللا	ШШ		ليليل
6. Frustration level. How insecure, discouraged, irritated, stresse annoyed versus secure, gratified, content, relaxed and complacent you feel about this task?			ШШ		ШШ

Q2_4_1 For each of the statements below, indicate your level of agreement.

annoyed versus secure, gratified, content, relaxed and complacent do

you feel about this task?

	disagree	disagree	agree nor disagree	agree	disagree
1. Overall, I am satisfied with the ease of completing this task in this scenario		\square_2	\square_3	\square_4	\square_5
2. Overall, I am satisfied with the amount of time it took to complete this task.		\square_2	\square_3	\square_4	\square_5
3. Overall, I am satisfied with the support information (on-line help, messages, documentation) when completing this task.		\square_2	\square_3	\square_4	\square_5
Q2_4_2 The following questions deal with the workload that you may happerformed. Please indicate on each of the following six scales your overa					ıs t Higi
1. Mental demand. How much mental activity was required to perform this task (thinking, deciding, calculating, remembering, looking, searching, etc)?		ليليا	ШШ	لبليا	
2. Physical demand. How much physical activity was required to perform this task (e.g., navigating, scrolling, clicking, etc.)?		ШШ	ШШ		ШШ
3. Temporal demand. How much time pressure did you feel due to the rate or pace at which the tasks or task elements occurred?	to		Ш	ШШ	ШШ
4. Effort. How hard did you have to work (mentally and physically accomplish your level of performance?	y) to		ШШ		ШШ
5. Performance. How satisfied are you with your performance at task?	this		ШШ		ШШ
6. Frustration level. How insecure, discouraged, irritated, stressed	d and				

Q2_5_1 For each of the statements below, indicate your level of agreement.

you feel about this task?

	disagree	disagree	agree nor disagree	agree	disagree
1. Overall, I am satisfied with the ease of completing this task in this scenario		\square_2	\square_3	\square_4	\square_5
2. Overall, I am satisfied with the amount of time it took to complete this task.		\square_2	\square_3	\square_4	\square_5
3. Overall, I am satisfied with the support information (on-line help, messages, documentation) when completing this task.		\square_2	\square_3	\square_4	\square_5
Q2_5_2 The following questions deal with the workload that you may haperformed. Please indicate on each of the following six scales your overal					st High
1. Mental demand. How much mental activity was required to		Low			піgi
perform this task (thinking, deciding, calculating, remembering,		بليليا			
looking, searching, etc)?					
2. Physical demand. How much physical activity was required to perform this task (e.g., navigating, scrolling, clicking, etc.)?		بلبلتا			لتلتك
3. Temporal demand. How much time pressure did you feel due t the rate or pace at which the tasks or task elements occurred?	o	بليليا			ШШ
4. Effort. How hard did you have to work (mentally and physically accomplish your level of performance?	y) to	بليليا			ШШ
5. Performance. How satisfied are you with your performance at t task?	his	ىلىلا	Ш		
6. Frustration level. How insecure, discouraged, irritated, stressed annoyed versus secure, gratified, content, relaxed and complacent of		بليليا			

After Session Questionnaire

Q2_6_1 Based on your experience, please rate how confident you are in the following aspects of dealing with this medical problem. Please use the following scale: 1 Very low confidence, 2 Low confidence, 3 Average confidence, 4 High confidence and 5 very high confidence.

How much confidence do vou have in:

now much confidence do you have in.					
	1 No confidence	2 A little confidence	3 Some confidence	4 A lot of confidence	5 A great deal of confidence
to <i>correctly identify the information in the EHR</i> that you need to assess the risk of PE? (1)		\square_2	\square_3	\square_4	\square_5
to <i>correctly assess</i> the risk of a PE? (2)		\square_2	\square_3	□4	\square_5
to <i>reach the correct decision</i> regarding the clinical/diagnostic pathway? (3)	\square_1	\square_2	\square_3	\square_4	\square_5
to <i>diagnose or rule out</i> PE? (4)		\square_2	\square_3	\square_4	\square_5

Q2_6_2 The next questions are about your satisfaction with the system (Healthlink / EPIC in combination with the Computer Decision Support (PE Dx) you just used to perform the 5 tasks (assessing the risk of PE)

		Strongly disagree						Strongly disagree
1	Overall, I am satisfied with how easy it is to use this system		\square_2	\square_3	\square_4	\square_5	\square_6	□ ₇
2	It was simple to use this system	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
3	I can <i>effectively</i> complete my work using this system		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
4	I am able to complete my work <i>quickly</i> using this system		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
5	I am able to <i>efficiently</i> complete my work using this system		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
6	I feel comfortable using this system	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
7	It was easy to learn to use this system		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
8	I believe I became productive quickly using this system		\square_2	\square_3	\square_4	\square_5	\square_6	D ₇
9	Whenever I make a mistake using the system, I recover easily and quickly		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
10	It is easy to find the information I needed		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
11	The information provided for the system is easy to understand		\square_2	\square_3	□4	\square_5	\square_6	\square_7
12	The information is effective in helping me complete the tasks and scenarios	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
13	The organization of information on the system screens is clear		\square_2	\square_3	\square_4	\square_5	\square_6	□ ₇
14	The interface of this system is pleasant	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
15	I like using the interface of this system	\square_1	\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
16	This system has all the functions and capabilities I expect it to have		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7
17	Overall, I am satisfied with this system		\square_2	\square_3	\square_4	\square_5	\square_6	\square_7

such as MD Calc? PE Dx is... \square_1 Much better (1) \square_1 Moderately better (2) \square_1 Slightly better (3) \square_4 About the same (4) \square_5 Slightly worse (5) \square_6 Moderately worse (6) \square_7 Much worse (7) Q2 7 1 What is your gender? \square_1 Male (1) \square_2 Female (2) Q2_7_1 How old are you? \square_1 24 years or younger \square_2 25-29 $\square_3 30-34$ **□**₄35-39 **□**₅40-44 $\Box_6 45-49$

Q2_6_3 How do you like the computer decision support tool (PE Dx) that we designed and that you have been using during these 5 tasks to assess the risk of PE as compared to online PE calculators

Q2_8_0 Thank you for your participation!

 $\square_7 50-54$ $\square_8 55-59$

□₉ 60 years older