

Supplementary file 2. Healthcare Provider Usability Scores Subgroup Analysis

System Usability Scale (SUS)	Score mean ^a (SD)										
	Total (N=25)	Newborn resuscitation and/or NeoNatalie skill drill				Years of experience		Education		Position/role	
		Both (n=10)	Only newborn resuscitatio n (n=6)	Only NeoNatali e (n=5)	Neither (n=4)	<7 years (n=17)	≥7 years (n=8)	Diploma (n=17)	Bachelor (n=8)	Nurse (n=16)	Other (n=9)
1. I want to use the technology frequently.	4.52 (0.87)	4.40 (1.26)	4.67 (0.52)	4.60 (0.55)	4.50 (0.58)	4.76 (0.44)	4.00 (1.31)	4.71 (0.47)	4.13 (1.36)	4.50 (1.03)	4.56 (0.53)
2. I found the technology unnecessarily complex.	2.04 (1.37)	1.90 (1.45)	1.83 (1.17)	2.00 (1.00)	2.75 (2.06)	2.06 (1.34)	2.00 (1.51)	2.00 (1.32)	2.13 (1.55)	1.81 (1.28)	2.44 (1.51)
3. I think the technology is easy to use.	4.48 (0.87)	4.50 (0.97)	4.17 (1.17)	4.40 (0.55)	5.00 (0)	4.53 (0.80)	4.38 (1.06)	4.47 (0.80)	4.50 (1.07)	4.38 (1.02)	4.67 (0.50)
4. I think a person needs to be good in technology for the use of the technology.	4.28 (1.28)	4.70 (0.67)	4.83 (0.41)	3.20 (2.05)	3.75 (1.50)	4.82 (0.53)	3.13* (1.64)	4.00 (1.46)	4.88* (0.35)	4.25 (1.39)	4.33 (1.12)
5. I found the components of the technology well-integrated.	4.88 (0.33)	5.00 (0)	5.00 (0)	4.40 (0.55)	5.00* (0)	4.94 (0.24)	4.75 (0.46)	4.82 (0.39)	5.00 (0)	4.81 (0.40)	5.00 (0)
6. There is a lot of inconsistency or mismatch among the components of technology.	2.44 (1.45)	2.60 (1.51)	1.50 (1.22)	3.00 (1.41)	2.75 (1.50)	2.47 (1.50)	2.38 (1.41)	2.00 (1.37)	3.38* (1.19)	2.56 (1.50)	2.22 (1.39)
7. I think that other people like me can learn the use/operation of the technology quickly.	4.40 (0.65)	4.20 (0.79)	4.50 (0.55)	4.40 (0.55)	4.75 (0.50)	4.41 (0.71)	4.38 (0.52)	4.35 (0.70)	4.50 (0.53)	4.31 (0.70)	4.56 (0.53)
8. I think the technology is very inconvenient to use.	2.12 (1.54)	1.80 (1.48)	1.67 (1.21)	2.80 (1.64)	2.75 (2.06)	1.82 (1.29)	2.75 (1.91)	2.24 (1.52)	1.88 (1.64)	2.50 (1.44)	1.55 (1.33)

9. I felt very confident using the technology.	4.48 (0.65)	4.50 (0.71)	4.67 (0.52)	4.40 (0.55)	4.25 (0.96)	4.59 (0.62)	4.25 (0.71)	4.65 (0.49)	4.13 (0.83)	4.38 (0.72)	4.67 (0.50)
10. I might need to learn a lot of things before I could get going with the technology.	4.52 (0.65)	4.40 (0.70)	4.83 (0.41)	4.60 (0.55)	4.25 (0.96)	4.65 (0.70)	4.25 (0.46)	4.71 (0.47)	4.13 (0.83)	4.50 (0.63)	4.56 (0.73)
Total converted overall SUS score^b (of 100)	68.40^c (10.35)	68.00 (11.83)	70.83 (8.32)	66.50 (11.40)	68.12 (11.43)	68.53 (8.06)	68.12 (14.81)	70.15 (9.90)	64.69 (10.97)	66.87 (11.20)	71.11 (8.58)

Abbreviation: SD=Standard deviation;

^a1=strongly disagree; 2=somewhat disagree; 3=neutral or no opinion; 4=somewhat agree; 5=completely agree.

*p-value <0.05 based on the one-way ANOVA for the 'Newborn resuscitation and/or NeoNatalie skill drill' variable and independent samples t-test for other variable.