

# Post-Test Questionnaire

Name: \_\_\_\_\_

Test Date: \_\_\_\_\_

## Usability Inventory

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Instructions: Mark the first box if you generally agree with a statement, the center box if you are undecided and can't make up your mind, and the right box if you generally disagree with the statement.

	GENERALLY AGREE	NOT SURE	GENERALLY DISAGREE
1. It was easy to use the device.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. The on-screen instructions and prompts are helpful.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The required steps were as I expected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Learning to use this device is easy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. It is easy to set the initial cap temperature.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. I know when the rectal temperature is within the acceptable range (34–35°C).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. I would recommend this device to my colleagues.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. It takes too long to learn the button functions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. I sometimes wonder if I'm touching the correct button.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. The button labels are clear and understandable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. I feel in command of this device when I'm using it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. It is easy to continue treatment after checking the patient's scalp.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. I understand the on-screen instructions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. The on-screen presentation is inconsistent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. I would not like to use this software every day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. There is never enough information on the screen when I need it.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Using this software is frustrating.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. I felt tense at times when using this device.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. There are too many steps required to get something to work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. The touch-screen quickly responds to my touch.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	GENERALLY AGREE	NOT SURE	GENERALLY DISAGREE
21. New users will find this device easy to use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. The organization of menus and information seems logical.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. It is obvious that my needs have been fully taken into consideration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. The error messages are understandable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. It is easy to make the software do what I want.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. The rectal rate is easy to read.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. The rectal temperature is easy to read.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. The alarm state is clearly indicated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. The software did what I expected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. The software has an attractive presentation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. It is easy to move from one task to another.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. It is easy to read the rectal temperature from a distance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. I can easily recognize an alarm from a distance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. When more than one alarm is active at a time, I know which alarm is most important.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. The setup wizard is easy to use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. The rewarm wizard is easy to use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. The shutdown wizard is easy to use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. The accessories are clearly labeled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. It was easy to walk through the wizard-based tasks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. I will have to look for assistance most times when using this device.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. It is difficult to use the on-screen buttons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42. The device feels restrictive.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43. The software is awkward.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44. The required setup instructions were logical.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45. The required rewarm instructions were logical.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46. The required shutdown instructions were logical.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. The buttons were clearly labeled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48. It is clearly evident how to begin a treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	GENERALLY AGREE	NOT SURE	GENERALLY DISAGREE
49. It is clearly evident how to pause a treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50. It is clearly evident how to resume a treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51. The on-screen instructions are very helpful.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52. The current cap temperature is easily found.			
53. It is easy to enter patient information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54. It is easy to adjust the cap water temperature.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55. It is apparent when the rectal temperature is outside of the target range (34.0–35.0°C).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56. The system kept me informed of the current state (e.g., cooling, rewarm, pause, alarm).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57. The system clearly tells me how much treatment time has passed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58. The Cool-Cap software is user-friendly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **User Feedback**

Instructions: Provide feedback to the following questions. If you need more space, write on the back of the page.

1. What was MOST DIFFICULT to do or understand?

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2. What was EASIEST to do or understand?

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3. What are your impressions of the on-screen wizards (Setup, Rewarm, Shutdown)?

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4. If you DISAGREED with questions #22 or #23 in "Usability Inventory", please explain why:

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**In Your NICU Experience...**

Instructions: Provide feedback to the following questions.

1. When do you learn the patient's weight?

- During transit       In the NICU       Other: \_\_\_\_\_

2. What unit of weight does your NICU use?

- gram (g)       kilogram (kg)       Other: \_\_\_\_\_

3. How precise is the weight measurement used by your NICU?

- tenths (e.g., 3.4)       hundredths (e.g., 3.44)       Other: \_\_\_\_\_

4. How does your NICU record time of birth?

- 24-hour clock (e.g., 15:12)       12-hour clock (e.g., 3:12 PM)

5. How precisely does your NICU record gestational age (GA)?

- whole (e.g., 36 weeks)       tenths (e.g., 36.4 weeks)       Other: \_\_\_\_\_

6. Does any equipment in your NICU provide an audible alert to notify that an alarm condition has been cleared?

- yes       no       Other: \_\_\_\_\_

**Questions Specific to What You've Seen Today...**

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Instructions: Provide feedback to the following questions.

1. When multiple alarms are present, we show a number indicating the number of alarm conditions (e.g., 2, 3, 4) next to the alarm indicator button. Would you prefer to see a "1" when only one alarm condition is present?

yes

no

2. Does the accessory case presented meet the needs of your NICU?

yes

no; please explain: \_\_\_\_\_

**Final Thoughts**

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Instructions: Please share any additional comments/suggestions.

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