How Do I Interpret the Report?

Purpose

There is more to the simulation report than just the Performance Overview score. To fully understand the score, you need to look at the entire report.

Perquisites

- You just need a simulation report.

What causes a missed care event: feed, rock, diaper, burp?

Two Minute Window

- Once the Baby starts crying for care the participant has 2 minutes to get their ID to the Baby. Anything beyond 2 minutes will count as a missed care event, but the Baby will still allow the participant to give/complete the care.
    - Baby started crying for care at 3:13 AM, but the participant did not actually wake up until 3:15 AM and then responded to the Baby.
- If the Baby recognizes the ID within 2 minutes the participant is given an additional 2 minutes to determine what care is needed. The Baby will record a missed care event if the participant takes longer than 2 minutes to properly care for the Baby, but the Baby will still allow the participant to complete the care event.
    - Example – Participant took longer than 2 minutes to change the Baby's diaper.
- If the participant starts the care event but does not complete the event and allows the Baby to cry longer than 2 minutes will record as a missed event.
    - Participant starts the feeding event then props the bottle to the Baby's lips. If the Baby does not sense movement during a feeding it will stop feeding and start crying. If the participant allows the Baby to cry for longer than 2 minutes, it will record as a missed feeding event.

Mishandled

- If the Baby is mishandled during a care event the mishandle event will cancel the care event. Look for matching missed care and mishandle events.
    - Report shows a 9:45 PM missed feeding event and a 9:45 PM head support. This is an indication that the Baby asked for a feeding at 9:45 PM, but the participant may have accidentally picked up the Baby too hard allowing the head to fall back far enough to trigger a head support, and the head support canceled the care event.

What causes a mishandle event?

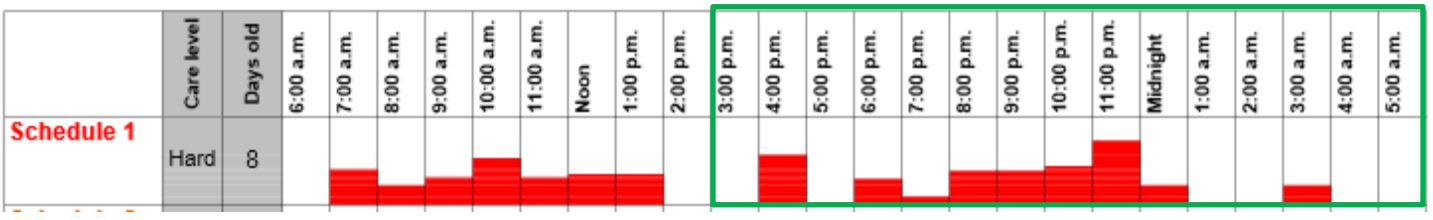
- **Head Support** – Head fell back far enough to trigger the Head Support sensor.
  - Participants can accidentally trigger a Head Support by picking the Baby up too fast/hard, or accidentally pushing the bottle against the lips during a feeding.
- **Rough Handle** – A blow to the body like a strike, or the Baby was dropped.
  - Participants can accidentally trigger a Rough Handle event if they are burping the Baby too hard, or they are burping the Baby too hard on its bottom.
- **Wrong Position** – Baby was face down or upside down.
  - Participants can accidentally trigger a wrong position if they are lying on their back with the Baby face down across their chest during a burping or a rocking. A Wrong Position can be recorded if the participant does not put the Baby in a proper position after the care event completes.
- **Shaken Baby** – Head goes forward and back three full times in 2 seconds.

What does the schedule order mean?

Class	Wellness P1	[Edit]		
Student	Theyah Springs	[Edit]	**ID1** 1EEAC	**ID2** 1C42D
Baby		[Edit]	**BABY365B**	Caucasian Male
Start	4/11/2008, 3 PM		**Stop**	4/14/2008, 7 AM
Schedule Order	1 4 5 6 8			

Babies are pre-programmed with 15 different care schedules. The 5 numbers in the schedule order correspond to the numbers found on your care schedule table which is found in your program materials, or on our website. The care schedule table will indicate how much time will be spent caring for the Baby during a particular hour in a particular schedule. It will not tell you what care event will be requested at what time and it will not indicate how long the care event will last.

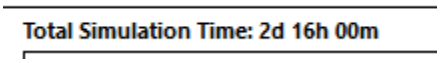
Below is an example of Schedule 1 found on the Care Schedule Table.



Baby will switch to a new schedule at 6:00 am the following morning. In the above example when the Baby activates it will run on schedule 1 until 6:00 am the next morning where it switches over to schedule 4.

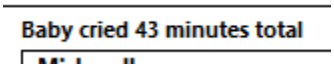
What is the total simulation time?

Displays the entire simulation run time in days, hours and minutes



What is the total minutes of cry time?

Indicates total number of minutes the Baby cried during the entire simulation.



How do I interpret a simulation report? Look at the report below, in most grading scales this comes out to a “C”. How did the report come up with the Performance Overview percentage? What does the report actually tell me? To best interpret a simulation report it is best to break it down.

RealCare® Baby
Simulation Report

Class	Pd 4		
Student		**ID1** 81A31	**ID2** 00000
Baby	Abby	**ABBYAF62**	None
Start	11/10/2017, 3 PM	**Stop**	11/13/2017, 7 AM
Schedule Order	14 2 10 7 3		
Quiet Times	Sunday 11 AM, 1 hour		

Total Simulation Time: 2d 16h 00m

Baby cried 38 minutes total

Proper Care			**Mishandle**		
Rock	2/2	100%	Shaken Baby	0	0%
Diaper	20/21	95%	Head Support	4	-12%
Burp	10/11	91%	Wrong Position	1	-3%
Feed	32/35	91%	Rough Handling	0	0%
Average	64/69	93%	Other		0%
ID1 was used 76 times, ID2 was used 0 times			Total	5	-15%

Performance Overview: 78%

Friday, November 10
03:00 PM Start Simulation
03:10 PM Missed Feeding
03:11 PM Head Support
06:35 PM Missed Feeding
06:36 PM Head Support

Saturday, November 11
01:54 AM Missed Diaper
02:14 AM Missed Burp
02:14 AM Head Support
01:33 PM Head Support

Sunday, November 12
02:21 AM Missed Feeding
11:00 AM Begin Quiet
12:00 PM End Quiet
08:02 PM Wrong Position

Monday, November 13
07:00 AM Stop

Comments:

Start by looking at the Performance Overview box. There is more to this box than just the Performance Overview percentage.

Total Simulation Time: 2d 16h 00m — **Baby cried 38 minutes total**

Proper Care			Mishandle		
Rock	2/2	100%	Shaken Baby	0	0%
Diaper	20/21	95%	Head Support	4	-12%
Burp	10/11	91%	Wrong Position	1	-3%
Feed	32/35	91%	Rough Handling	0	0%
Average	64/69	93%	Other		0%
ID1 was used 76 times, ID2 was used 0 times			Total	5	-15%

Performance Overview: 78%

Begin by looking at the Proper Care section of the Performance Overview. This section is very important because it provides you with an idea of how attentive the participant was with the Baby. The Proper Care percentage is calculated by dividing the number of care events the participant properly responded to (left side) from the total number of requested care events (right side).

Total Simulation Time: 2d 16h 00m

Proper Care		
Rock	2/2	100%
Diaper	20/21	95%
Burp	10/11	91%
Feed	32/35	91%
Average	64/69	93%
ID1 was used 76 times, ID2 was used 0 times		

The Baby requested 35 feeding events and the participant properly responded to 32 of them. 32 / 35 = 91%

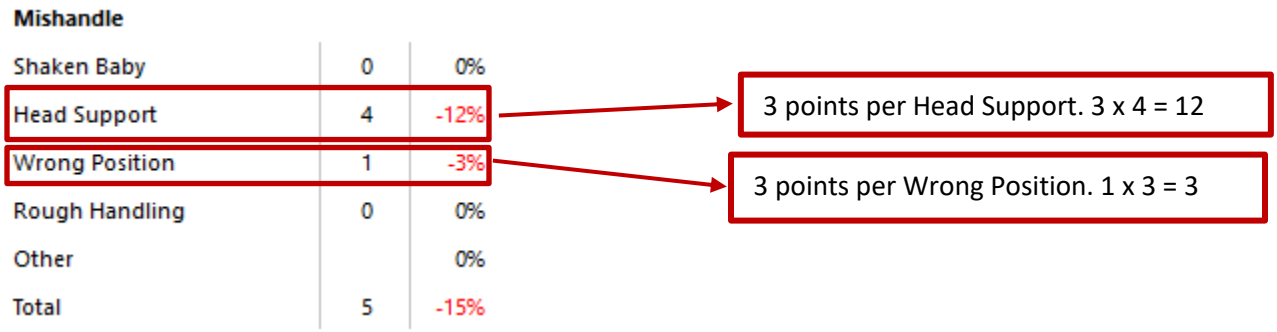
During the entire simulation the Baby requested 69 care events and the participant properly responded to 64 events. 64 / 69 = 93%

Baby requested 69 total care events and the Baby recognized the ID 76 times.

If you look at just the Proper Care section alone, you can tell the participant gave excellent care. You can also tell from the Proper Care box that we have a very attentive student by looking at the total number of times the ID was recognized against the total number of requested care events. In the example above the Baby

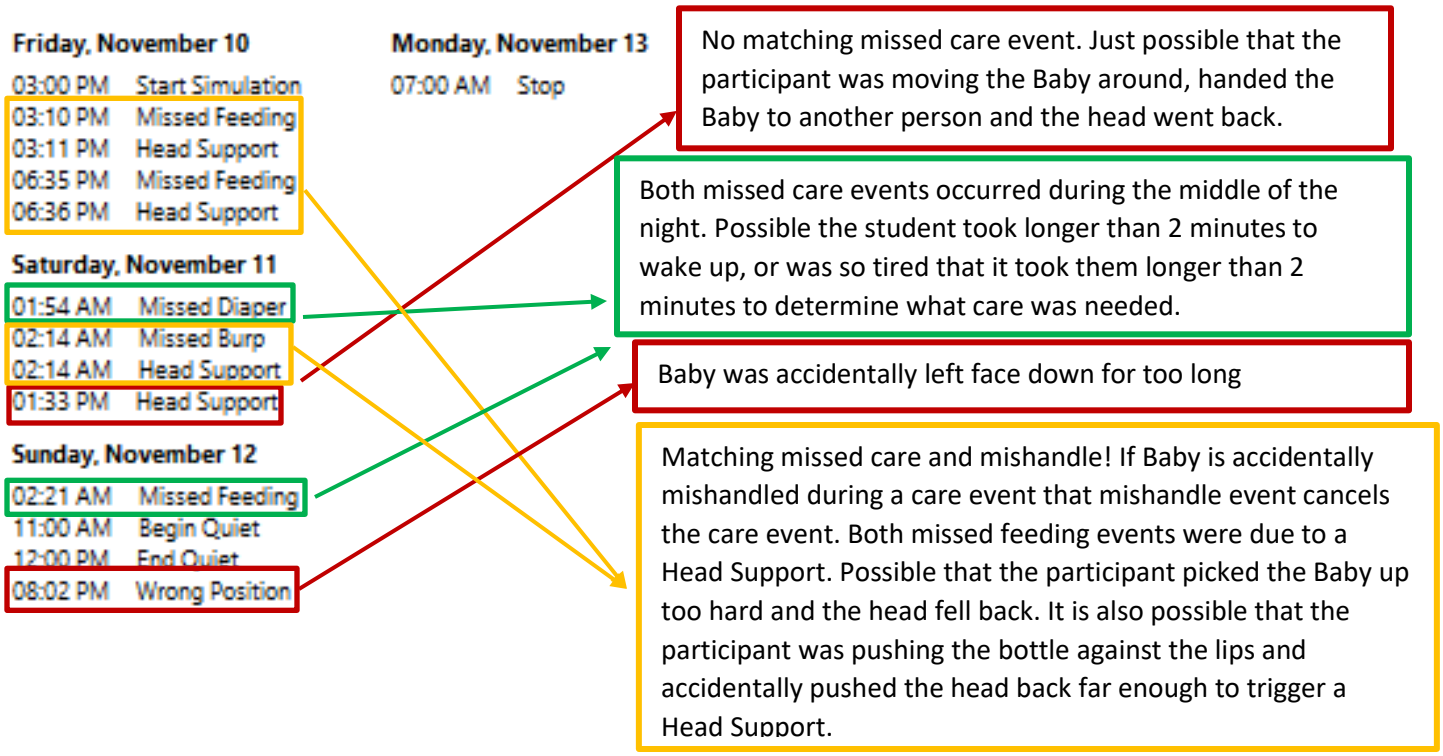
requested 69 care events and the ID was recognized 76 times. The Baby will respond to the ID whenever the Baby is crying for a care event, fussy event, or mishandle event. If the total number of times the ID is recognized is greater or equal to the total number of requested care events it is an indication that any time the Baby cried for care the student was there to respond.

Next look at the mishandle section located on the right side of the Performance Overview box. The number of points taken off per mishandle event are subtracted from the Proper Care section.



The Control Center software automatically defaults to 3 points off per each Head Support, Wrong Position, and Rough Handling and 15 points taken off for each Shaken Baby. In the example above the Baby's head went back five times, and with 3 points taken off per Head Support this means that 12 points were removed from the Proper Care alone. There was also one Wrong Position and that accounts for an additional 3 points removed from the Proper Care, which brings us to a total of 15 points taken off from the Proper Care due to the mishandle events.

Finally look at the simulation details. This is located below the Performance Overview box and it provides you with the dates and times of when the simulation started, ended along with the dates and times of any missed care and mishandle event. Look for patterns of certain times that care events were missed and look for a pattern of matching missed care and mishandle events.



In conclusion we can clearly say that we have an attentive participant who was trying their best with the Baby. We identified this by the participant having a 93% Proper Care and that the Baby recognized the ID more times than requested care events indicates that anytime the Baby was crying the participant was there to try and administer care. The mishandle events are what dropped the score. Had the head not fallen back on three of the feeding events the score would be much higher. It is possible that the participant accidentally picked up the Baby too hard, or the participant was accidentally pushing the bottle against the lips causing the head to tip back far enough to trigger a head support. It is now up to the instructor on how they want to score this simulation.

For additional assistance and video tutorials visit our website:
www.realityworks.com/support/