

Resident: Aaron, Toi

Location: Main-00-A

Admission: 2023-02-15

Date of Birth: 1934-11-23

Diagnoses:

**Step 1: Background**

Reason for Completing BSO-DOS© Baseline/Admission

BSO-DOS© Start Date 2026/03/26

BSO-DOS© Stop Date 2026/03/31

Section 1 completed by Jubo Tw

**Step 2: Data Collection Sheet**

| D/M/Y     | 03/26/2026 |         | 03/27/2026 |         | 03/28/2026 |         | 03/29/2026 |         | 03/30/2026 |         |
|-----------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|
| Behaviour | Behaviour  | Context | Behaviour  | Context | Behaviour  | Context | Behaviour  | Context | Behaviour  | Context |
| 08:00     | 2          | C       | 2          | Q       | 3          | F       | 1          | A       | 1          | A       |
| 08:30     | 2          | C       | 2          | Q       | 3          | F       | 1          | A       | 1          | A       |
| 09:00     | 2          | C       | 4          | C       | 3          | F       | 1          | A       | 1          | A       |
| 09:30     | 2          | C       | 4          | C       | 3          | F       | 1          | A       | 1          | A       |
| 10:00     | 3          | F       | 4          | C       | 3          | F       | 1          | A       | 1          | A       |
| 10:30     | 3          | F       | 4          | C       | 3          | F       | 1          | A       | 1          | A       |
| 11:00     | 1          | A       | 2          | L       | 4          | C       | 2          | C       | 1          | A       |
| 11:30     | 1          | A       | 2          | L       | 4          | C       | 2          | C       | 3          | F       |
| 12:00     | 1          | A       | 2          | L       | 4          | C       | 2          | A       | 3          | F       |
| 12:30     | 1          | A       | 2          | L       | 4          | C       | 2          | A       | 3          | F       |
| 13:00     | 1          | A       | 2          | L       | 2          | Q       | 2          | A       | 3          | F       |
| 13:30     | 3          | L       | 2          | L       | 2          | Q       | 2          | A       | 3          | F       |
| 14:00     | 3          | L       | 3          | F       | 2          | Q       | 2          | A       | 2          | Q       |
| 14:30     | 3          | L       | 3          | F       | 2          | Q       | 2          | A       | 2          | Q       |
| 15:00     | 3          | L       | 3          | F       | 2          | Q       | 3          | L       | 2          | Q       |
| 15:30     | 3          | L       | 3          | F       | 2          | Q       | 3          | L       | 2          | Q       |
| 16:00     | 3          | L       | 3          | F       | 2          | Q       | 3          | L       | 2          | Q       |
| 16:30     | 3          | L       | 2          | A       | 2          | Q       | 3          | L       | 2          | C       |
| 17:00     | 2          | A       | 2          | A       | 7          | L       | 3          | L       | 2          | C       |
| 17:30     | 2          | A       | 2          | A       | 7          | L       | 2          | C       | 2          | C       |
| 18:00     | 2          | A       | 2          | A       | 2          | Q       | 2          | C       | 7          | L       |
| 18:30     | 5          | C       | 2          | A       | 2          | Q       | 2          | C       | 7          | L       |
| 19:00     | 5          | C       | 2          | A       | 2          | Q       | 3          | L       | 2          | A       |
| 19:30     | 5          | C       | 4          | C       | 2          | Q       | 3          | L       | 2          | A       |
| 20:00     | 2          | A       | 4          | C       | 2          | Q       | 3          | L       | 2          | A       |
| 20:30     | 2          | A       | 4          | C       | 2          | Q       | 3          | L       | 2          | A       |
| 21:00     | 2          | A       | 2          | A       | 2          | Q       | 1          | A       | 1          | A       |
| 21:30     | 2          | A       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |
| 22:00     | 1          | A       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |
| 22:30     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 23:00     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 23:30     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 00:00     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 00:30     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 01:00     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 01:30     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 02:00     | 1          | A       | 1          |         | 1          | A       | 1          | A       | 1          | A       |
| 02:30     | 1          | A       | 1          |         | 5          |         | 1          | A       | 1          | A       |
| 03:00     | 1          | A       | 1          |         | 5          |         | 1          | A       | 5          |         |
| 03:30     | 1          | A       | 1          | A       | 5          |         | 5          |         | 5          |         |
| 04:00     | 1          | A       | 1          | A       | 5          |         | 5          |         | 5          |         |
| 04:30     | 1          | A       | 1          | A       | 1          | A       | 5          |         | 5          |         |
| 05:00     | 1          | A       | 1          | A       | 1          | A       | 1          | A       | 1          | A       |
| 05:30     | 1          | A       | 1          | A       | 1          | A       | 1          | A       | 1          | A       |
| 06:00     | 1          | A       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |
| 06:30     | 1          | A       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |
| 07:00     | 2          | Q       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |
| 07:30     | 2          | Q       | 2          | A       | 1          | A       | 1          | A       | 1          | A       |

Context

A: Alone  
 C: Personal Care (e.g. bathing, incontinent care, toileting)  
 F: Family/visitors present  
 L: Loud/busy environment

Q: Quiet environment  
 R: Expressions directed at Resident/patient/visitor(s)  
 S: Expressions directed at Staff

Observed Behaviours  
 3 - Engaging in activity, Hugging, Hand holding, Laughing, Conversing  
 5 - Banging/rattling, Trying to leave, Entering others' spaces  
 4 - Asking questions, Crying  
 7 - Screaming/yelling

Other Context

**Step 3: Analysis & Planning**

| Observed Behaviours              | Day #1 | Day #2 | Day #3 | Day #4 | Day #5 | Total the ½ Hour Blocks | Average 1-Hour Blocks Per Day | Concern   |          |      |
|----------------------------------|--------|--------|--------|--------|--------|-------------------------|-------------------------------|-----------|----------|------|
|                                  |        |        |        |        |        |                         |                               | Frequency | Duration | Risk |
| 1 Sleeping                       | 23     | 15     | 17     | 25     | 25     | 105                     | 10.5                          | ✓         | -        | -    |
| 2 Awake/Calm                     | 13     | 21     | 15     | 11     | 12     | 72                      | 7.2                           | -         | -        | -    |
| 3 Positively Engaged             | 9      | 5      | 6      | 9      | 5      | 34                      | 3.4                           | -         | -        | -    |
| 4 Vocal Expressions (Repetitive) | 0      | 7      | 4      | 0      | 0      | 11                      | 1.1                           | -         | -        | ✓    |
| 5 Motor Expressions (Repetitive) | 3      | 0      | 4      | 3      | 4      | 14                      | 1.4                           | -         | -        | ✓    |
| 6 Sexual Expression of Risk      | 0      | 0      | 0      | 0      | 0      | 0                       | 0.0                           | -         | -        | -    |
| 7 Verbal Expression of Risk      | 0      | 0      | 2      | 0      | 2      | 4                       | 0.4                           | -         | -        | -    |
| 8 Physical Expression of Risk    | 0      | 0      | 0      | 0      | 0      | 0                       | 0.0                           | -         | -        | -    |

A summary of the completed analysis table  
 Aaron exhibited repetitive vocal and motor behaviors for more than two hours over the five-day observation period, along with occasional additional verbal expressions indicating potential risk.

What the BSO-DOS© data reveal  
 Repetitive vocal and motor behaviors occurred during both the morning and midnight periods, while verbal expressions indicating potential risk were observed primarily in the afternoon.

Possible causes and contributing factors  
 Notably, Aaron exhibited an increase in repetitive behaviors compared to previous observations, particularly when family members visited. Additionally, a louder environment appeared to trigger his verbal expressions of risk.

Next Steps  
 ✓ Care plan updated  
 ✓ Clinical huddle/meeting: share results and updates to plan  
 ✓ Continue BSO-DOS© for another 5 days

Additional Details