

# VitalLink+<sup>®</sup>

## BSO-DOS<sup>®</sup>: Dementia Care Simplified

BSO-DOS



VitalLink brings Behavioural Supports Ontario – Dementia Observation System<sup>®</sup> into the digital age. Faster documentation. Better insights. Stronger support. Real-time PointClickCare<sup>®</sup> EHR sync.



### THE CHALLENGE

- 5-day observation requires daily paper docs
- Multiple forms are cumbersome
- Behavioural analysis is manual
- Paper records hard to share
- Trends difficult to track
- Compliance inconsistent

**Result: 2+ hours per cycle**



### THE SOLUTION

- Streamlined digital forms
- Timed protocol reminders
- Real-time data capture with auto colour-coding & calculation
- Auto-generates progress note, complete report, and sync to PointClickCare<sup>®</sup> in real-time
- Interdisciplinary team access

**Result: < 1 hour per cycle**

## Why VitalLink BSO-DOS<sup>®</sup>?



### FASTER INSIGHTS

Real-time pattern analysis.



### BETTER COORDINATION

Team sees insights instantly in PCC.



### EVIDENCE-BASED

Clear, measurable behavioral record.

# Key Features

## STANDARDIZED

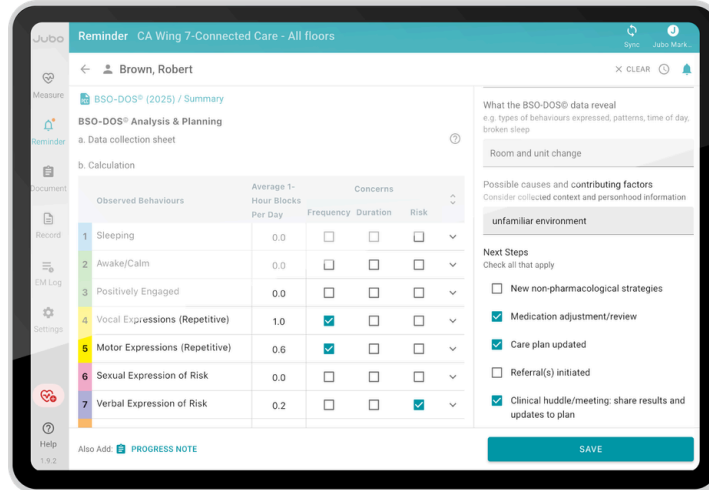
Evidence-based observation framework.

## AUTO ANALYSIS

Real-time pattern recognition.

## TIMED REMINDERS

Observations on schedule.



## SHARED ACCESS

One source of truth for the clinical care team.

## COMPLETE DOCUMENTATION

Voice-to-Text • Auto-Generated Progress Notes • Smart Input • Audit Trails • Timestamped

## INTEGRATION

Real-time PCC Sync • Enterprise Encryption • Mobile & Offline

## Why VitalLink BSO-DOS<sup>®</sup>?

BSO-DOS<sup>®</sup> is a gold-standard observational tool for documenting responsive behaviours in dementia. Guides comprehensive, person-centered behavioural support. VitalLink's digital integration streamlines the process while preserving clinical rigor.

## How VitalLink's BSO-DOS<sup>®</sup> Works

- Step 1: Assign BSO-DOS<sup>®</sup> protocol, record start date/time
- Step 2: During 5-day period, use timed reminders to document observations
- Step 3: Add voice-to-text annotations with context
- Step 4: VitalLink auto colour-codes and auto-calculates behavioural data
- Step 5: Clinical team reviews completed form for accuracy
- Step 6: Auto-generates progress note. Complete report syncs securely to PointClickCare<sup>®</sup> in real-time.

**PointClickCare**  
Marketplace Partner

BSO-DOS<sup>®</sup> (2025) 2025/03/15 08:30 - 2025/03/15 09:00

Resident: Novak, Vera Location: Main-Q2-A Admission: 2022/07/07 Date of Birth: 1943/01/15

Diagnosis:

**Step 1: Background**

Reason for Completing BSO-DOS<sup>®</sup>: Adjustment of medications

BSO-DOS<sup>®</sup> Start Date: 18/03/2025  
BSO-DOS<sup>®</sup> Stop Date: 14/03/2025  
Section Completed By: Jube Admin

**Step 2: Data Collection Sheet**

Time	18/03/2025	19/03/2025	20/03/2025	21/03/2025	22/03/2025
08:30	A	X	A	X	A
09:00	A	A	A	A	A
09:30	A	A	A	A	F
10:00	A	A	A	A	A
10:30	A	A	A	F	A
11:00	A	A	A	A	A
11:30	A	A	A	A	A
12:00	A	X	A	A	X
12:30	A	X	A	A	X
13:00	A	A	A	A	F
13:30	A	A	A	A	F

**Step 3: Analysis & Planning**

Observed Behaviours	Day #1	Day #2	Day #3	Day #4	Day #5	Total Fre 1-Hour Blocks	Average 1-Hour Blocks Per Day	Frequency	Duration	Risk
1 Sleeping	15	17	16	13	16	77	7.7	-	-	-
2 Awake/Calm	16	16	16	14	12	74	7.4	-	-	-
3 Positively Engaged	2	1	1	1	1	6	0.6	-	-	-
4 Vocal Expressions (Repetitive)	15	14	15	20	19	83	8.3	✓	✓	-
5 Motor Expressions (Repetitive)	0	0	0	0	0	0	0	-	-	-
6 Sexual Expression of Risk	0	0	0	0	0	0	0	-	-	-
7 Verbal Expression of Risk	0	0	0	0	0	0	0	-	-	-
8 Physical Expression of Risk	0	0	0	0	0	0	0	-	-	-

A summary of the completed analysis table: The completed analysis shows that Mrs. Novak cried for an average of 8.3 one-hour blocks per day, which is considered a high frequency. These episodes most often occurred when she was alone, when family or visitors were present, and during mealtimes.

What the BSO-DOS<sup>®</sup> data reveal: The BSO-DOS<sup>®</sup> data indicate that Mrs. Novak's high-frequency crying is closely tied to certain contexts, including being alone, dining, and being in the company of family or visitors.

Possible causes and contributing factors: Mrs. Novak's emotional responses may be influenced by her ongoing grief following the loss of her first husband. She has a strong preference for Eastern European folk songs, and both music and dancing have been beneficial for her emotional well-being. Contexts such as mealtimes and certain social situations seem to trigger stronger emotional reactions, leading to episodes of distress.

Next Steps:
 

- ✓ Medication adjustment/review
- ✓ Continue BSO-DOS<sup>®</sup> for another 5 days
- ✓ Start ABC charting around particular events/behaviour

Additional Details: Since introducing music therapy, Mrs. Novak has shown a noticeable improvement in her overall mood and quality of life. She now eats more calmly and consistently in the dining room, which has led to improved food intake, weight gain, and a reduction in visible distress.

## Why Providers Choose VitalLink

- ✓ **Complete Clinical Solution:** Not just device management — entire workflow from capture to clinical visibility
- ✓ **Purpose-Built:** Built for you — every feature built with long-term care providers, for long-term care providers
- ✓ **Evidence-Based:** All protocols are validated, standardized assessments
- ✓ **Proven Results:** 40% time savings, on average, with high customer satisfaction
- ✓ **Seamless Integration:** PointClickCare<sup>®</sup> Marketplace Partner



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