NAB

Neuropsychological Assessment Battery®

By
Robert A. Stern, PhD, and Travis White, PhD

Main Modules Comprehensive Score Report

Developed By

Travis White, PhD, Robert A. Stern, PhD, and PAR Staff

Patient Information

Patient Name:	Sample Client
Patient ID:	PAR Sample
Date of Birth:	10/31/1984
Age:	38
Sex:	Female
Ethnicity:	Asian/Pacific Islander
Handedness:	Ambidextrous
Education:	20
Occupation:	Artist

Testing Information

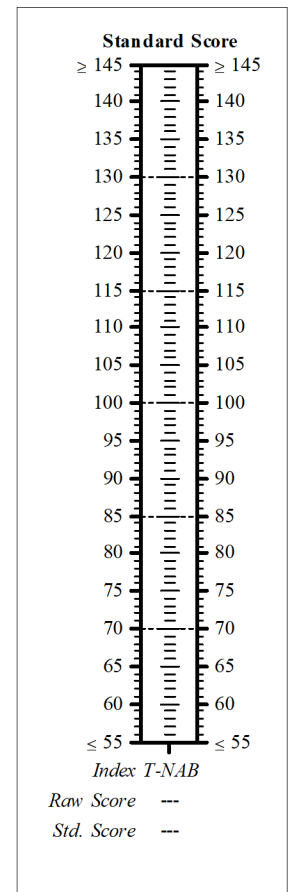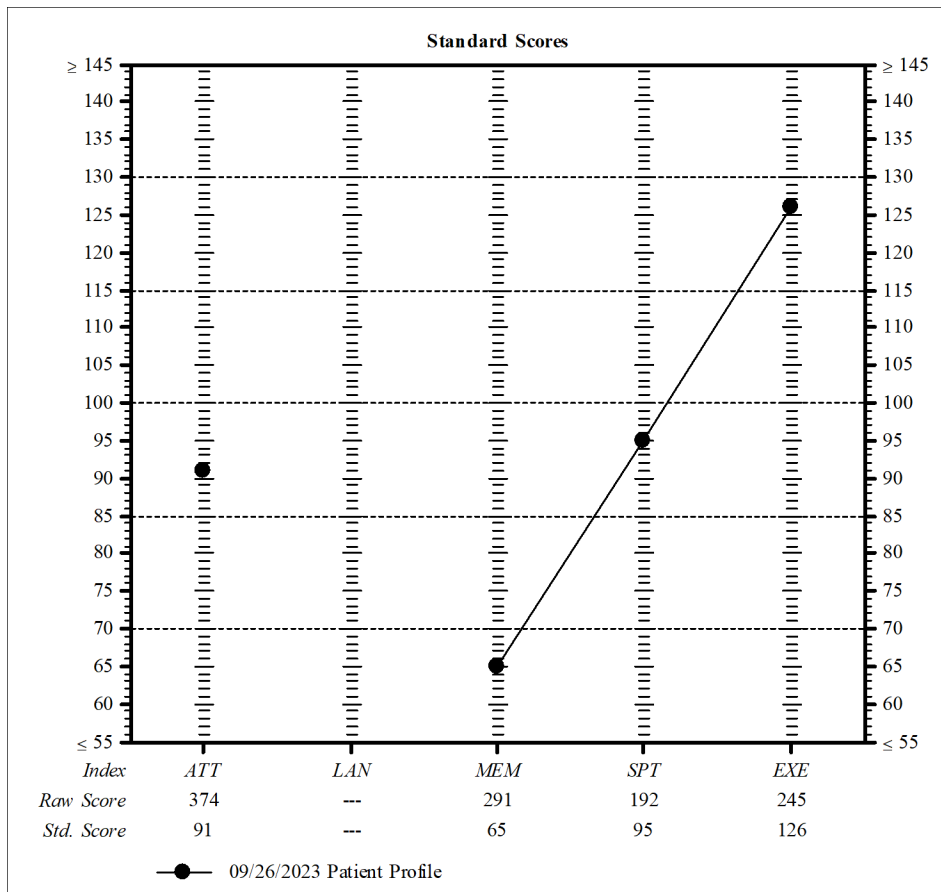|	
Date of Examination:	09/26/2023
Normative Sample:	Demographically Corrected Sample

This report is confidential and is intended to be used by qualified individuals only, as defined in the NAB Administration, Scoring, and Interpretation Manual (Stern & White, 2003). The report should only be released to individuals who are qualified to interpret the results. NAB test scores should be interpreted within the context of the examinee's individual presentation and history. Although standardized scores provide the examiner with an important and necessary understanding of the individual's test performance compared with a normative group, they do not on their own lead to accurate diagnosis or treatment recommendations. Please refer to the NAB Administration, Scoring, and Interpretation Manual for guidance in the interpretation and meaning of NAB scores.

NAB Index Score Summary Table

Module Index	Standard Score	Percentile Rank	Confidence Interval 95%	Interpretive Category
Attention Index (ATT)	91	27	83 - 99	Below Average
Language Index (LAN)	---	---	---	---
Memory Index (MEM)	65	1	57 - 73	Moderately impaired
Spatial Index (SPT)	95	37	85 - 105	Average
Executive Functions Index (EXE)	126	96	116 - 136	Superior
Total NAB Index (T-NAB)	---	---	---	---

Note. "---" indicates a score that could not be calculated due to missing data.

NAB Index Score Profiles

Index	ATT	LAN	MEM	SPT	EXE
Raw Score	374	---	291	192	245
Std. Score	91	---	65	95	126

09/26/2023 Patient Profile

Index	T-NAB
Raw Score	---
Std. Score	---

Note. "---" indicates a score that could not be calculated due to missing data.

Attention Module Score Table

Form 1

Score	Raw Score	z Score	T Score	%ile	Cum. %age	Interpretive Category
Orientation (ORN)	25			< 1		Severely impaired
Orientation to Self (ORN-slf)	13				4	
Orientation to Time (ORN-tim)	8				2	
Orientation to Place (ORN-plc)	4				100.00	
Orientation to Situation (ORN-sit)	0				5	
Digits Forward (DGF)	14	2.33	**67**	96		Above average
Digits Forward Longest Span (DGF-spn)	9			90		Above average
Digits Backward (DGB)	12	2.33	**70**	98		Above average
Digits Backward Longest Span (DGB-spn)	8			90		Above average
Dots (DOT)	7	0.61	**46**	34		Average
Numbers & Letters Part A Speed (N&L$_A$-spd)	4	3.12	79	> 99		Above average
Numbers & Letters Part A Errors (N&L$_A$-err)	66	-3.12	19	< 1		Severely impaired
Numbers & Letters Part A Efficiency (N&L$_A$-eff)	200	3.12	**78**	> 99		Above average
Numbers & Letters Part B Efficiency (N&L$_B$-eff)	95	0.81	**48**	42		Average
Numbers & Letters Part C Efficiency (N&L$_C$-eff)	16	-1.64	**27**	1		Moderately impaired
Numbers & Letters Part D Efficiency (N&L$_D$-eff)	0	-3.12	**19**	< 1		Severely impaired
Numbers & Letters Part D Disruption (N&L$_D$-dis)	0	-3.12	20	< 1		Moderately-to-severely impaired
Driving Scenes (DRV)	17	-2.65	**19**	< 1		Severely impaired

Qualitative Features

Digits Forward Qualitative Features:

☑ Reversals ☑ Omissions ☑ Perseverations

Digits Forward Comments/Notes:

No Comment

Digits Backward Qualitative Features:

☑ Reversals ☐ Omissions ☑ Perseverations

Digits Backward Comments/Notes:

Sample Comment
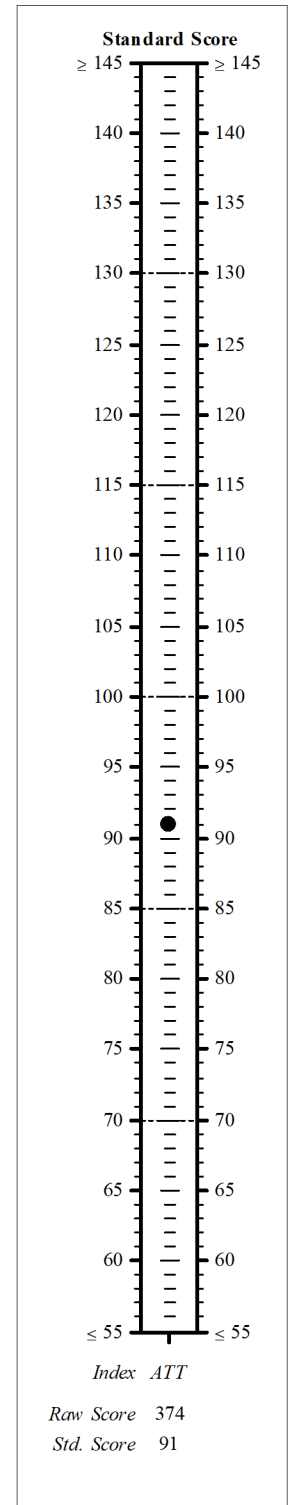
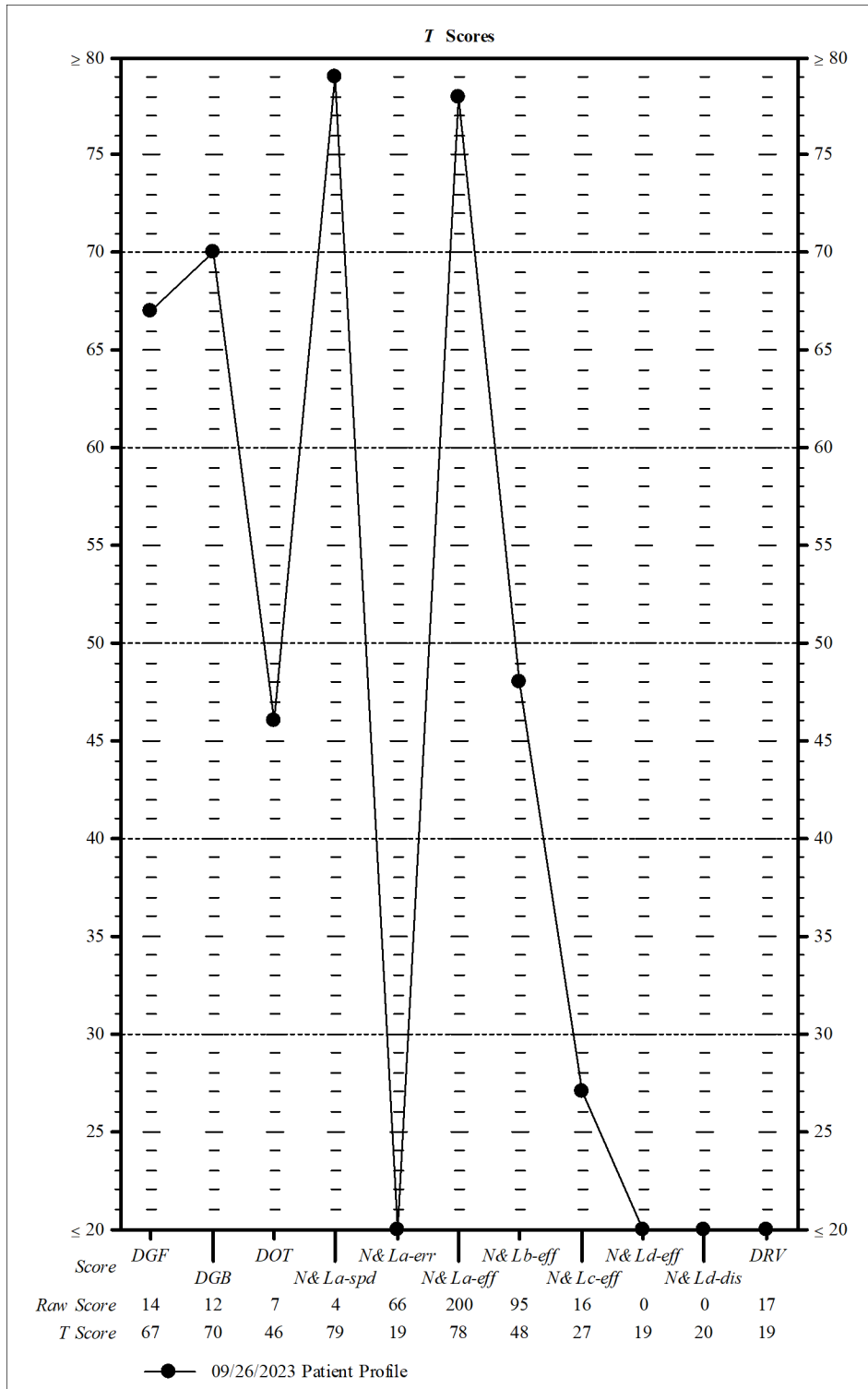**Dots Qualitative Features:**

☐ Neglect

Dots Comments/Notes:

Test Comment

Attention Index Score Table

Score	Sum of T Scores	ATT Standard Score	Percentile Rank	Confidence Interval 95%
Attention Index (ATT)	374	91	27	83 - 99

Attention Module Score Profiles

T Scores

Score	DGF	DGB	DOT	N&La-spd	N&La-err	N&La-eff	N&Lb-eff	N&Lc-eff	N&Ld-eff	N&Ld-dis	DRV
Raw Score	14	12	7	4	66	200	95	16	0	0	17
T Score	67	70	46	79	19	78	48	27	19	20	19

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Standard Score

Index	ATT
Raw Score	374
Std. Score	91

Language Module Score Table

Form 1

Score	Raw Score	z Score	T Score	%ile	Cum. %age	Interpretive Category
Oral Production (OPD)	5	-2.33	**22**	< 1		Moderately-to-severely impaired
Auditory Comprehension (AUD)	---	---	**---**	---		---
Auditory Comprehension Colors (AUD-col)	1				0.00	
Auditory Comprehension Shapes (AUD-shp)	3				0.00	
Auditory Comprehension Colors/Shapes/Numbers (AUD-csn)	14				0.30	
Auditory Comprehension Pointing (AUD-pnt)	---				---	
Auditory Comprehension Yes/No (AUD-y/n)	8				23	
Auditory Comprehension Paper Folding (AUD-fld)	12				3	
Naming (NAM)	27	-1.08	**23**	< 1		Moderately-to-severely impaired
Naming Percent Correct After Semantic Cuing (NAM-sem%)	100				100.00	
Naming Percent Correct After Phonemic Cuing (NAM-pho%)	N/A				N/A	
Reading Comprehension (RCN)	4			< 1		Severely impaired
Reading Comprehension Words (RCN-wrd)	1				0.00	
Reading Comprehension Sentences (RCN-sen)	3				0.00	
Writing (WRT)	7	-2.33	**19**	< 1		Severely impaired
Writing Legibility (WRT-leg)	1			< 1		Severely impaired
Writing Spelling (WRT-spl)	3			50		Average
Writing Syntax (WRT-syn)	2			< 1		Severely impaired
Writing Conveyance (WRT-cnv)	1			< 1		Severely impaired
Bill Payment (BIL)	11	-2.05	**19**	< 1		Severely impaired

Note. "---" indicates a score that could not be calculated due to missing data.

Qualitative Features

Oral Production Qualitative Features:

☐ Semantic paraphasias ☑ Phonemic paraphasias ☐ Neologisms
☑ Dysarticulation ☐ Dysprosodic ☑ Halting
☐ Telegraphic

Auditory Comprehension Colors Qualitative Features:

☑ Pointing problems ☐ Perseverations ☐ Sequencing problems

Auditory Comprehension Shapes Qualitative Features:

☐ Pointing problems ☐ Perseverations ☑ Sequencing problems

Auditory Comprehension Colors/Shapes/Numbers Qualitative Features:

☐ Pointing problems ☑ Perseverations ☐ Number problems

Auditory Comprehension Pointing Qualitative Features:

☐ Pointing problems ☑ Perseverations

Auditory Comprehension Pointing Comments/Notes:

Comment

Auditory Comprehension Yes/No Questions Qualitative Features:

☑ Perseverations

Auditory Comprehension Paper Folding Qualitative Features:

☑ Pointing problems ☐ Perseverations ☐ Sequencing problems
☐ Motor/folding problems

Naming Qualitative Features:

☐ Perceptual errors ☑ Perseverations ☐ Semantic paraphasias
☐ Phonemic paraphasias

Reading Comprehension Qualitative Features:

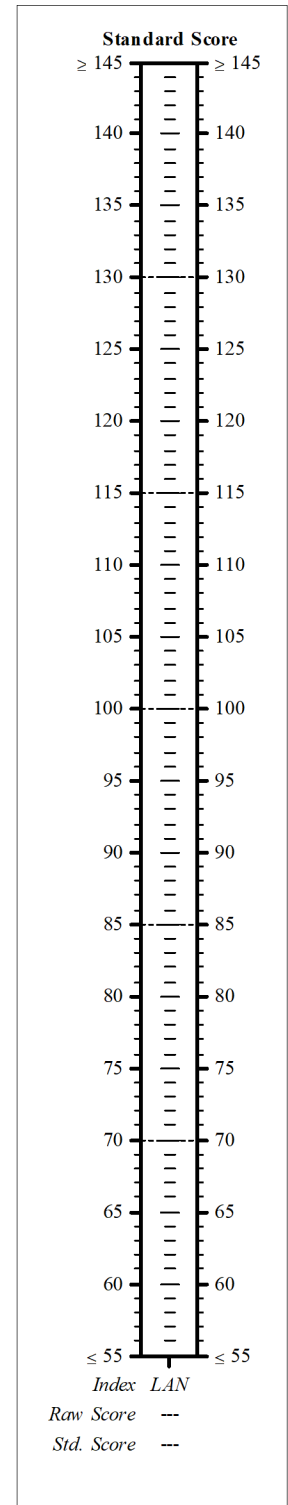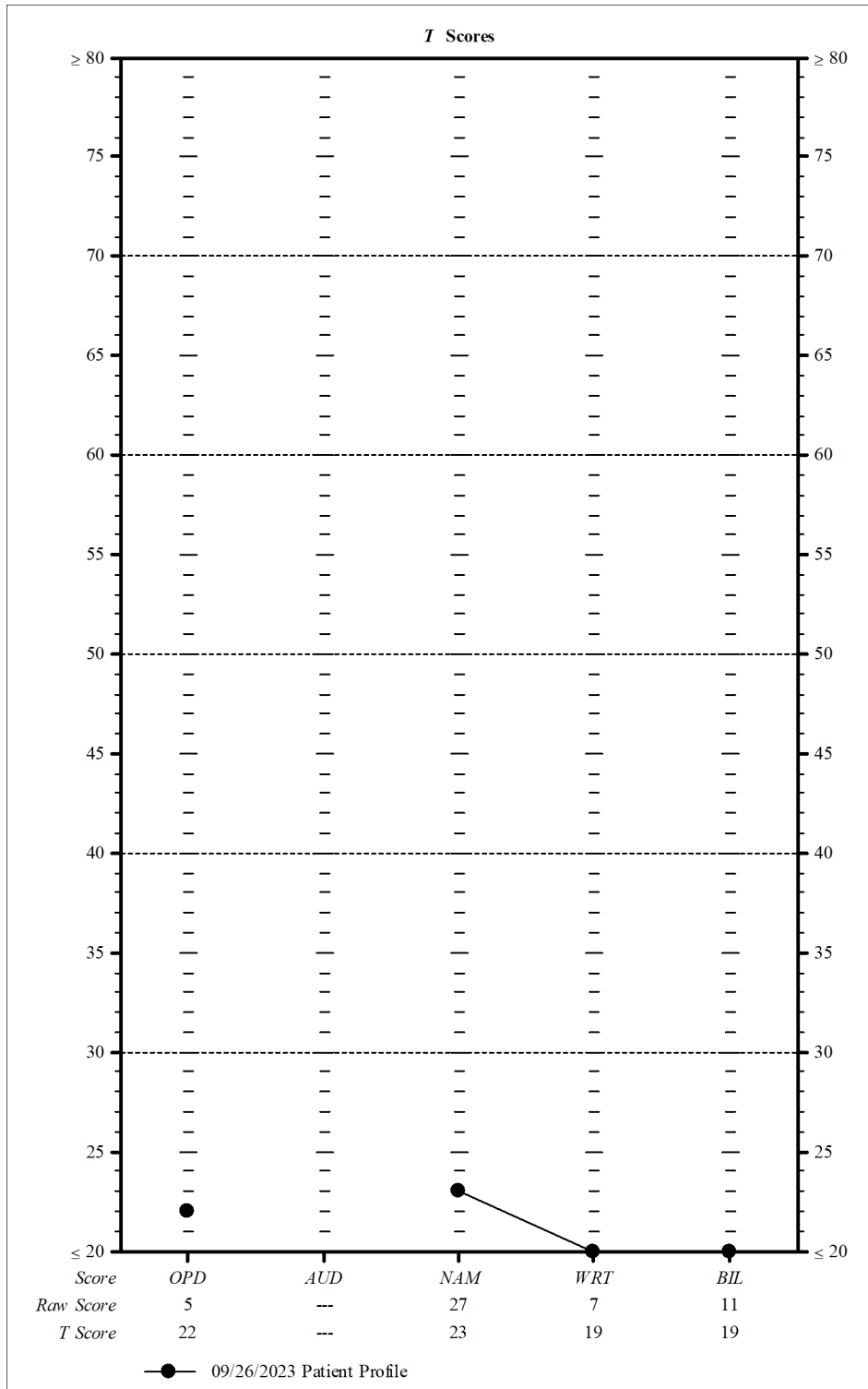☑ Perseverations ☐ Other error types

Writing Qualitative Features:

☑ Perseverations ☐ Assumptions ☐ Confabulations
☑ Copius, nonessential details ☐ Neglect ☐ Grammatical errors
☐ Paraphasic errors ☑ Almost/mostly all upper case

Language Index Score Table

Score	Sum of T Scores	LAN Standard Score	Percentile Rank	Confidence Interval 95%
Language Index (LAN)	---	---	---	---

Note. "---" indicates a score that could not be calculated due to missing data.

Language Module Score Profiles

	T Scores						Standard Score

	OPD	AUD	NAM	WRT	BIL		LAN
Score	OPD	AUD	NAM	WRT	BIL	*Index*	LAN
Raw Score	5	---	27	7	11	*Raw Score*	---
T Score	22	---	23	19	19	*Std. Score*	---

●—— 09/26/2023 Patient Profile

Note. "---" indicates a score that could not be calculated due to missing data.

Memory Module Score Table

Form 1

List Learning Score Table

Score	Raw Score	z Score	T Score	%ile	Cum. %age	Interpretive Category
List Learning List A Trial 1 Immediate Recall (LLA1-irc)	9			95		Above average
List Learning List A Trial 2 Immediate Recall (LLA2-irc)	7			11		Mildly impaired
List Learning List A Trial 3 Immediate Recall (LLA3-irc)	11			75		Above average
List Learning List A Immediate Recall (LLA-irc)	27	0.71	**44**	27		Below Average
List Learning List B Immediate Recall (LLB-irc)	4	0.05	36	8		Mildly impaired
List Learning List A Short Delayed Recall (LLA-sd:drc)	7	-0.10	**35**	7		Mildly impaired
List Learning List A Long Delayed Recall (LLA-ld:drc)	11	1.48	**59**	82		Above average
List Learning List A Percent Retention (LLA-%rt)	157			98		Above average
List Learning List A Long Delayed Forced-Choice Recognition (LLA-dfc)	6			< 1		Severely impaired
List Learning List A Long Delayed Forced-Choice Recognition False Alarms (LLA-fa)	6			5		Mildly-to-moderately impaired
List Learning List A Discriminability Index (LLA-dis)	0			< 1		Severely impaired
List Learning List A Recall vs. Recognition Index (LLA-rvr)	183			> 99		Above average
List Learning Semantic Clusters (LL-sem)	65				100.00	
List Learning Perseverations (LL-psv) [a]	64				100.00	
List Learning Intrusions (LL-int) [a]	32				100.00	

[a] Higher cumulative percentages indicate poorer performance.

Shape Learning Score Table

Score	Raw Score	z Score	T Score	%ile	Interpretive Category
Shape Learning Trial 1 Immediate Recognition (SHL1-irg)	5			50	Average
Shape Learning Trial 2 Immediate Recognition (SHL2-irg)	3			6	Mildly impaired
Shape Learning Trial 3 Immediate Recognition (SHL3-irg)	3			4	Mildly-to-moderately impaired
Shape Learning Immediate Recognition (SHL-irg)	11	-0.99	**23**	< 1	Moderately-to-severely impaired
Shape Learning Delayed Recognition (SHL-drg)	3	-1.13	**19**	< 1	Severely impaired
Shape Learning Percent Retention (SHL-%rt)	100			50	Average
Shape Learning Delayed Forced-Choice Recognition (SHL-dfc)	2			< 1	Severely impaired
Shape Learning Delayed Forced-Choice Recognition False Alarms (SHL-fa)	8			< 1	Severely impaired
Shape Learning Discriminability Index (SHL-dis)	0			< 1	Severely impaired

Story Learning Score Table

Score	Raw Score	z Score	T Score	%ile	Interpretive Category
Story Learning Trial 1 Phrase Unit (STL1-irc:phu)	34			75	Above average
Story Learning Trial 2 Phrase Unit (STL2-irc:phu)	35			25	Average
Story Learning Phrase Unit Immediate Recall (STL-irc:phu)	69	0.74	**48**	42	Average
Story Learning Thematic Unit Immediate Recall (STL-irc:thu)	10			2	Moderately impaired
Story Learning Trial 1 Thematic Unit (STL1-irc:thu)	2			< 1	Severely impaired
Story Learning Trial 2 Thematic Unit (STL2-irc:thu)	8			11	Mildly impaired
Story Learning Phrase Unit Delayed Recall (STL-drc:phu)	5	-1.75	**22**	< 1	Moderately-to-severely impaired
Story Learning Thematic Unit Delayed Recall (STL-drc:thu)	7			6	Mildly impaired
Story Learning Phrase Unit Percent Retention (STL-%rt)	14			3	Mildly-to-moderately impaired

Daily Living Memory Score Table

Score	Raw Score	z Score	T Score	%ile	Interpretive Category
Daily Living Memory Immediate Recall (DLM-irc)	32	-1.23	**22**	< 1	Moderately-to-severely impaired
Daily Living Memory Delayed Recall (DLM-drc)	6	-2.05	**19**	< 1	Severely impaired
Daily Living Memory Retention (DLM-rt)	67			7	Mildly impaired
Daily Living Memory Delayed Recognition (DLM-drg)	9			15	Mildly impaired
Daily Living Memory Recall vs. Recognition (DLM-rvr)	67			1	Moderately-to-severely impaired
Medication Instructions Immediate Recall (MED-irc)	20			4	Mildly-to-moderately impaired
Medication Instructions Delayed Recall (MED-drc)	5			< 1	Severely impaired
Medication Instructions Delayed Recognition (MED-drg)	1			4	Mildly-to-moderately impaired
Name/Address/Phone Immediate Recall (NAP-irc)	12			3	Mildly-to-moderately impaired
Name/Address/Phone Delayed Recall (NAP-drc)	1			4	Mildly-to-moderately impaired
Name/Address/Phone Delayed Recognition (NAP-drg)	8			50	Average

Delayed Recall Intervals

List Learning: 167 minutes.

Shape Learning: 157 minutes.
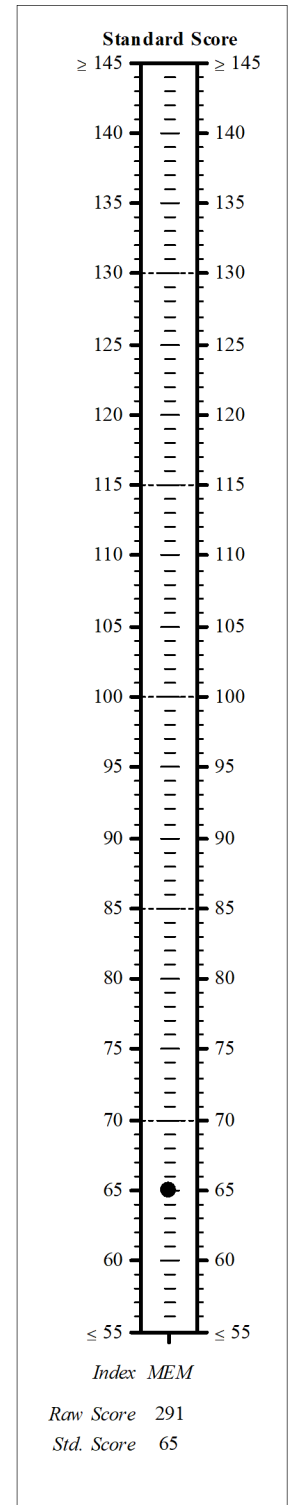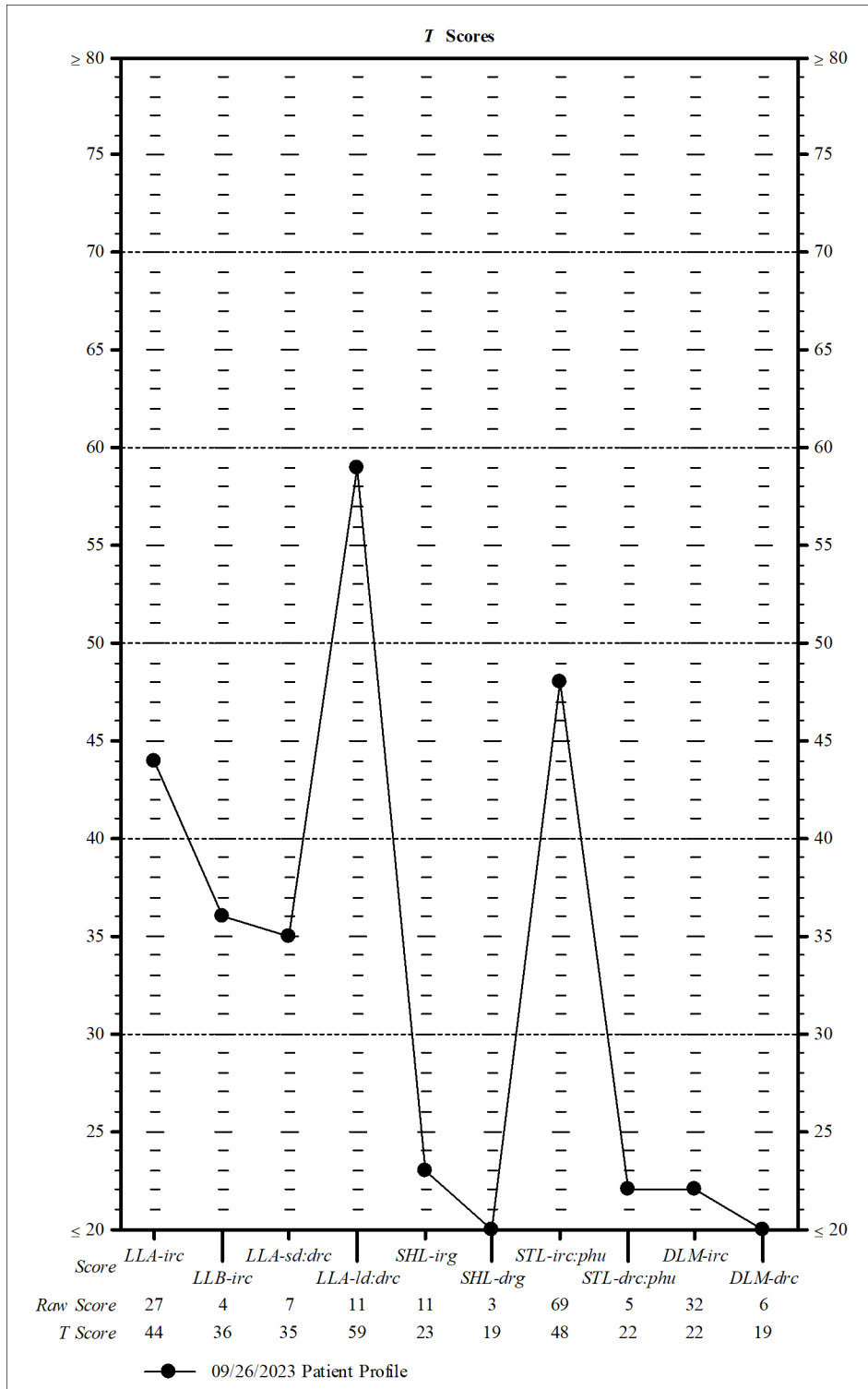
Story Learning: 152 minutes.

Medication Instructions: 100 minutes.

Name, Address, and Phone Number: 82 minutes.

Memory Index Score Table

Score	Sum of T Scores	MEM Standard Score	Percentile Rank	Confidence Interval 95%
Memory Index (MEM)	291	65	1	57 - 73

Memory Module Score Profiles

Score	LLA-irc	LLB-irc	LLA-sd:drc	LLA-ld:drc	SHL-irg	SHL-drg	STL-irc:phu	STL-drc:phu	DLM-irc	DLM-drc
Raw Score	27	4	7	11	11	3	69	5	32	6
T Score	44	36	35	59	23	19	48	22	22	19

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Index	MEM
Raw Score	291
Std. Score	65

Spatial Module Score Table

Form 1

Score	Raw Score	z Score	T Score	%ile	Interpretive Category
Visual Discrimination (VIS)	15	-0.13	**38**	12	Mildly impaired
Design Construction (DES)	39	2.75	**74**	99	Above average
Figure Drawing Copy (FGD-cpy)	25	-0.36	**36**	8	Mildly impaired
Figure Drawing Copy Organization (FGD-cpy:org)	5	-1.04	36	8	Mildly impaired
Figure Drawing Copy Fragmentation (FGD-cpy:frg)	4			25	Average
Figure Drawing Copy Planning (FGD-cpy:pln)	1			< 1	Severely impaired
Figure Drawing Immediate Recall (FGD-irc)	19	-0.18	39	14	Mildly impaired
Figure Drawing Immediate Recall Organization (FGD-irc:org)	7			50	Average
Figure Drawing Immediate Recall Fragmentation (FGD-irc:frg)	5			75	Above average
Figure Drawing Immediate Recall Planning (FGD-irc:pln)	2			11	Mildly impaired
Figure Drawing Percent Retention (FGD-%rt)	76			25	Average
Map Reading (MAP)	8	0.25	**44**	27	Below Average

Qualitative Features

Visual Discrimination Qualitative Features:

☐ Perseverations   ☑ Neglect

Figure Drawing Copy Qualitative Features:

☑ Perseverative   ☐ Confabulative   ☐ Expanded vertically   ☐ Expanded horizontally
☐ Asymmetrical: Left side more distorted/missing
☐ Reduced size/micrographic   ☑ Asymmetrical: Right side more distorted/missing
☐ Neglect: Left   ☑ Neglect: Right

Figure Drawing Immediate Recall Qualitative Features:

☑ Perseverative   ☐ Confabulative   ☑ Expanded vertically   ☑ Expanded horizontally
☑ Asymmetrical: Left side more distorted/missing
☐ Reduced size/micrographic   ☐ Asymmetrical: Right side more distorted/missing
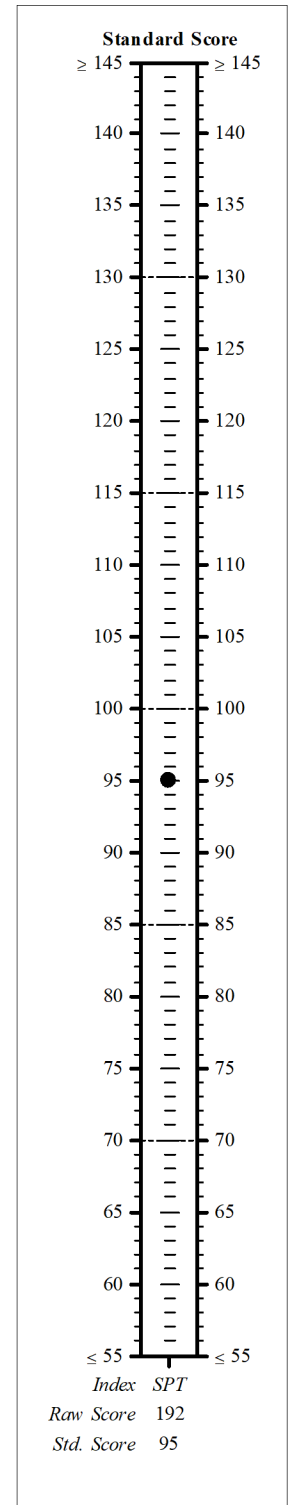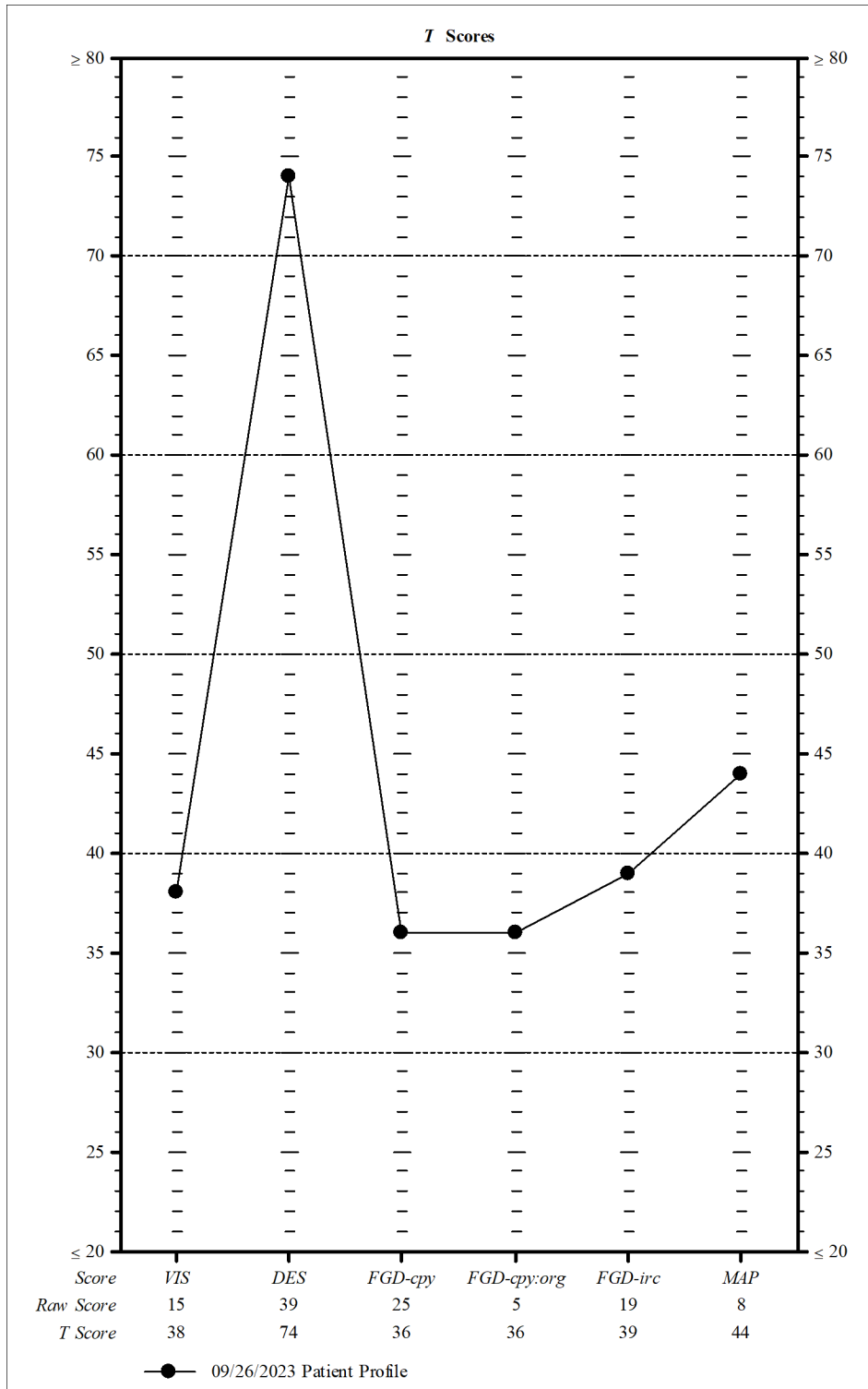☐ Neglect: Left   ☑ Neglect: Right

Spatial Index Score Table

Score	Sum of T Scores	SPT Standard Score	Percentile Rank	Confidence Interval 95%
Spatial Index (SPT)	192	95	37	85 - 105

Spatial Module Score Profiles

T Scores

Score	VIS	DES	FGD-cpy	FGD-cpy:org	FGD-irc	MAP
Raw Score	15	39	25	5	19	8
T Score	38	74	36	36	39	44

— ● — 09/26/2023 Patient Profile

Standard Score

Index	SPT
Raw Score	192
Std. Score	95

Executive Functions Module Score Table

Form 1

Score	Raw Score	z Score	T Score	%ile	Interpretive Category
Mazes (MAZ)	11	0.18	**39**	14	Mildly impaired
Judgment (JDG)	17	1.17	**53**	62	Average
Categories (CAT)	321	3.12	**76**	> 99	Above average
Word Generation (WGN)	535	3.12	**77**	> 99	Above average
Word Generation Perseverations (WGN-psv)	351			< 1	Severely impaired

Qualitative Features

Mazes Qualitative Features:

☐ Long latency before beginning mazes   ☑ Impulsive/quick start ☐ Haphazard approach
☑ Crossing line errors
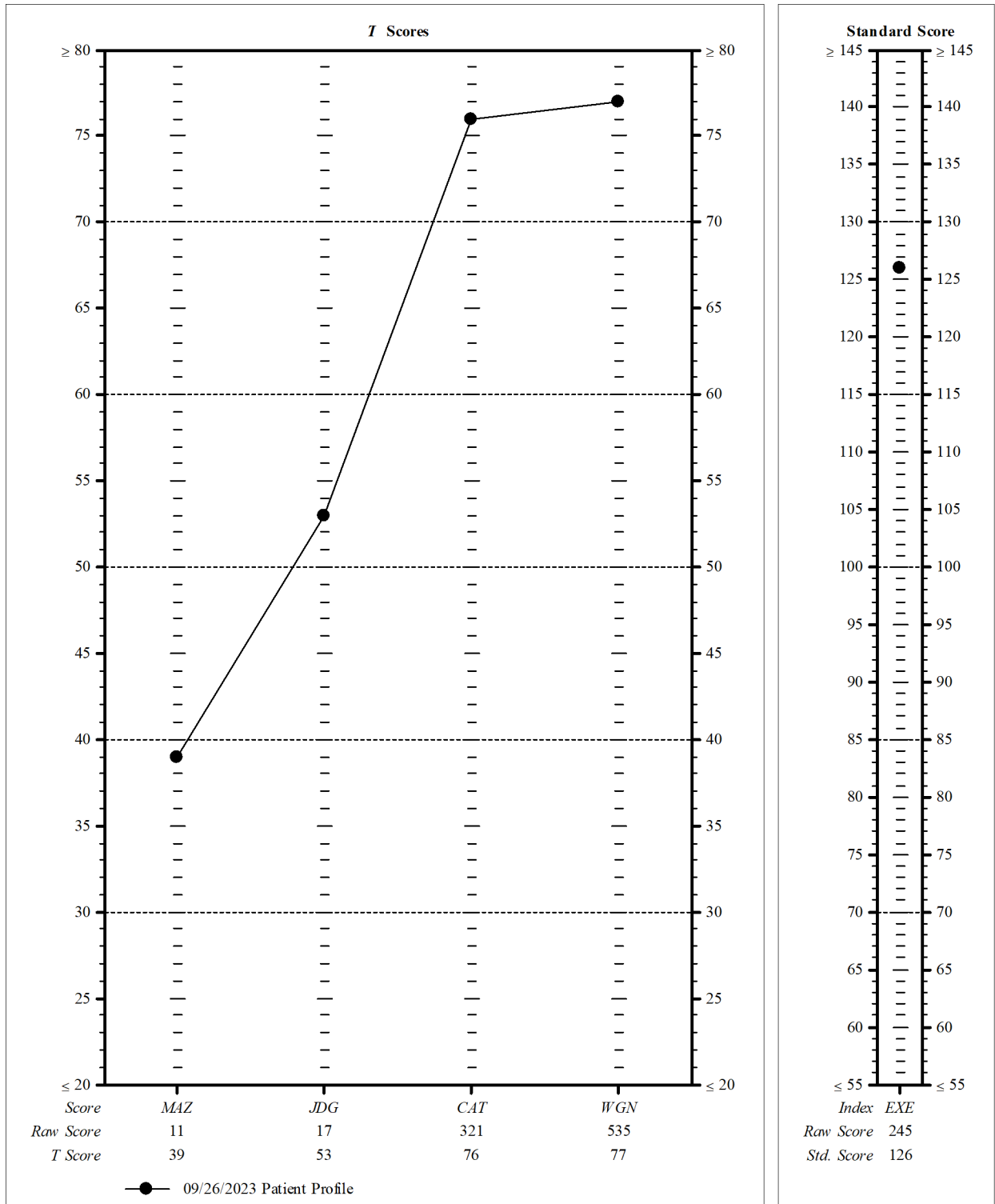
Mazes Comments/Notes:

No Comments here

Executive Functions Index Score Table

Score	Sum of T Scores	EXE Standard Score	Percentile Rank	Confidence Interval 95%
Executive Functions Index (EXE)	245	126	96	116 - 136

Executive Functions Module Score Profiles

Score	MAZ	JDG	CAT	WGN
Raw Score	11	17	321	535
T Score	39	53	76	77

Index	EXE
Raw Score	245
Std. Score	126

—●— 09/26/2023 Patient Profile

End of Report