

Functional Application of OT/DRS Tools with Youth Needs Presentation



SAFE DRIVING AND REHABILITATION

PROFESSIONAL ASSESSMENT, TRAINING, AND SUPPORT.





Occupational Therapist OTR #1058904
Formerly licensed in Missouri; Texas #110741
AOTA & ADED Member
TDLR Licensed Driving School Instructor #4464
25+ years working with young specialty populations
Pediatric Practice Emphasis w/ related Certifications
OT/Driving Rehab Specialist & Clinic Owner



*Correction: Level 2 Fieldwork (1st rotation) North Kansas City Hospital & Adult Driving Program

For more about Missy & her current projects:
<https://safedrivingrehab.com/about/>

Links to Adaptive Mobility Services courses:
<https://adaptivemobility.thinkific.com/collections>

Also join **AOTA & ADED** for more education!



OT-DRIVE

INTEGRATING THE IADL OF DRIVING AND COMMUNITY MOBILITY INTO ROUTINE PRACTICE

Elin Schold Davis and Anne Dickerson

Davis, E. S., & Dickerson, A. (2017). OT-DRIVE: Integrating the IADL of driving and community mobility into routine practice. *OT Practice*, 22(13), 8–14.

“...WITH THE GUIDANCE OF OT-DRIVE, THE PREPARED PRACTITIONER CAN OFFER INFORMATION ABOUT TRANSPORTATION NOW WHILE INCLUDING MEANINGFUL OPTIONS FOR EVALUATIONS AND/OR INTERVENTIONS FOR THE FUTURE.”

"a model for general practice..."

-perceived barriers



-activity analysis

-application vs. REFERRALS

(Davis & Dickerson, 2017).

-working “at the top” of licensure

-pre-driving foundations



-familiar tools

-OT Breaks & “Discharge”

(Davis & Dickerson, 2017).

-more free education & training

-3 Perceived Problems OTs can help with

-Referrals, Driver Training Safety, & TIME!

-D.R.I.V.E. is for... (Davis & Dickerson, 2017).

-Article (*coming soon*)



New Informal Tools for Youth Safety, Identification, & Referrals



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Functional Insight, Road Signs, and Treatment (FIRST) Screening Tool

This is a sample of 4 pages from the Tool; not the complete screener
 It has 5 parts, multiple questions, a timed photo of signs responses task

Functional Insight, Road Signs & Treatment (FIRST): An OT/DRS Screening Tool
 by www.safedrivingrehab.com



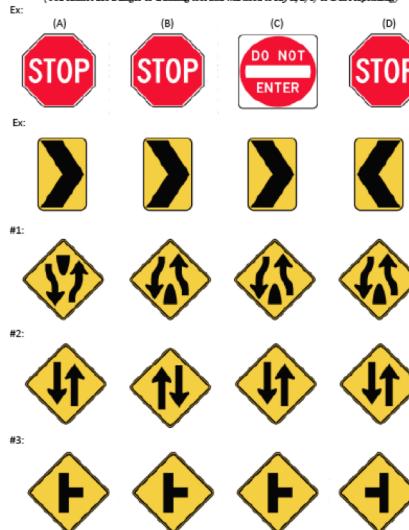
Functional Insight, Road Signs & Treatment (FIRST): An OT/DRS Screening Tool
 by www.safedrivingrehab.com

Part 2: Conceptual Understanding: What do these sign colors and shapes mean?



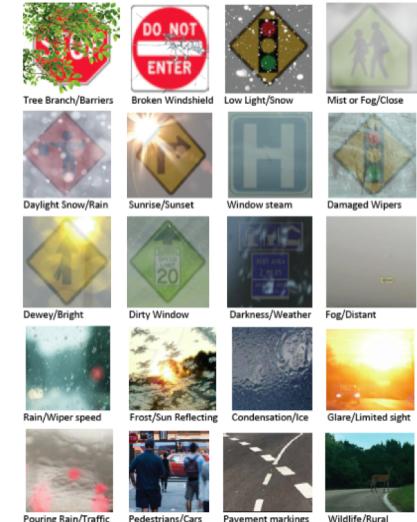
Functional Insight, Road Signs & Treatment (FIRST): An OT/DRS Screening Tool
 by www.safedrivingrehab.com

Part 3: Visual Perceptual Skills with Divided Attention: Which sign is different?
 (You cannot use a finger or tracking tool and will need to say A/B/C/ or D in responding)



Functional Insight, Road Signs & Treatment (FIRST): An OT/DRS Screening Tool
 by www.safedrivingrehab.com

Part 4: Other Visual & Cognitive Factors: Identify the sign, signal or danger as quick as you can.



Currently the F.I.R.S.T. is in early research & development phases
(App in Development)



Safe Driving Risk Factors for Early ID & Planning
OT Pediatric Practice/Adolescent Transitions to Adulthood
Pre-Driving Screening & Test Measures Template/Record Form
 Created by Missy Bell, OTR, DRS, CDI of www.safedrivingrehab.com

Pertinent Client Strength/Risk Factors & Performance Testing				Relevant Information/Considerations Adding To Driving Risk Factors or Known Driving Limitations ¹²
Developmental/Medical History	None or No Concerns	Some Concerns	Related Concerns	
Occupational Profile/Client Goals ³	None or No Concerns	Some Concerns	Related Concerns	
Driving History &/or Goals (*AFTDS) ⁴	None or No Concerns	Some Concerns	Related Concerns	
Diagnosis/Condition(s) ¹² ¹³ ¹⁸	None or No Concerns	Some Concerns	Related Concerns	
Medication (Pros/Cons) ⁵	None or No Concerns	Some Concerns	Related Concerns	
ADL/IADL Independence (*RTDS) ¹⁰	None or No Concerns	Some Concerns	Related Concerns	
Community Mobility Independence	None or No Concerns	Some Concerns	Related Concerns	
Future Residence/Living Plan Factor	None or No Concerns	Some Concerns	Related Concerns	
Future Driving Needs (Work/School)	None or No Concerns	Some Concerns	Related Concerns	
Accessibility to Ride Share Options	None or No Concerns	Some Concerns	Related Concerns	
Intellectual Quotient or Impression	None or No Concerns	Some Concerns	Related Concerns	
Learning Difference or Style Factors	None or No Concerns	Some Concerns	Related Concerns	
Education Plan Hx (IEP/504 in place)	None or No Concerns	Some Concerns	Related Concerns	
Family Support Resources	None or No Concerns	Some Concerns	Related Concerns	
Criminal or Drug & Alcohol Hx	None or No Concerns	Some Concerns	Related Concerns	
Socio-Emotional/Behavioral Factors	None or No Concerns	Some Concerns	Related Concerns	
BOT2® Motor Proficiencies ¹¹	None or No Concerns	Some Concerns	Related Concerns	
Sensory Profile 2/SPM™ History ^{11,12}	None or No Concerns	Some Concerns	Related Concerns	
Adolescent/Adult Sensory Profile ^{®11}	None or No Concerns	Some Concerns	Related Concerns	
Adult/Adolescent Sensory Hx (ASH) ¹³	None or No Concerns	Some Concerns	Related Concerns	
SIPT® Hx (PrVC, SPT, PPR, BMC, LTS) ¹²	None or No Concerns	Some Concerns	Related Concerns	
Clinical Observations/COMPS ^{®14}	None or No Concerns	Some Concerns	Related Concerns	
TIP ^{®15} & other praxis skills ^{13,20}	None or No Concerns	Some Concerns	Related Concerns	
Beery VMI™ ¹⁴	None or No Concerns	Some Concerns	Related Concerns	
TVPS/DTVP/MVPT ^{®11}	None or No Concerns	Some Concerns	Related Concerns	
Other Pediatric OT Assessment:	None or No Concerns	Some Concerns	Related Concerns	i.e. GOAL/SFA/WEERIM/REAL/AMPS/PEDI/TIPS/CPT [®]
Other Professional findings:	None or No Concerns	Some Concerns	Related Concerns	
Speech Language Therapy	None or No Concerns	Some Concerns	Related Concerns	
Physical Therapy	None or No Concerns	Some Concerns	Related Concerns	
Neuropsychological	None or No Concerns	Some Concerns	Related Concerns	
Professional Counselor	None or No Concerns	Some Concerns	Related Concerns	
Primary Physician	None or No Concerns	Some Concerns	Related Concerns	
Other Medical Specialist	None or No Concerns	Some Concerns	Related Concerns	

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Safe Driving Risk Factors for Early ID & Planning
OT Pediatric Practice/Adolescent Transitions to Adulthood
Pre-Driving Screening & Test Measures Template/Record Form

CASE STUDY EXAMPLE 1: [REDACTED]

Pertinent Client Strength/Risk Factors & Performance Testing				Relevant Information/Considerations Adding To Driving Risk Factors or Known Driving Limitations ¹²
Developmental/Medical History	None or No Concerns	Some Concerns	Related Concerns	[REDACTED]
Occupational Profile/Client Goals	None or No Concerns	Some Concerns	Related Concerns	Desire to Drive, Learn how to approach
Driving History &/or Goals	None or No Concerns	Some Concerns	Related Concerns	Took Driver's Ed; starting parent-led
Diagnosis/Condition(s)	None or No Concerns	Some Concerns	Related Concerns	[REDACTED]
Medication (Pros/Cons)	None or No Concerns	Some Concerns	Related Concerns	[REDACTED]
ADL/IADL Independence (*RTDS) ¹⁰	None or No Concerns	Some Concerns	Related Concerns	N/A but assumed fairly independent WFL
Community Mobility Independence	None or No Concerns	Some Concerns	Related Concerns	Brother can drive, Parents/Friends
Future Residence/Living Plan Factor	None or No Concerns	Some Concerns	Related Concerns	Live at home for work/school if possible
Future Driving Needs (Work/School)	None or No Concerns	Some Concerns	Related Concerns	Unknown
Accessibility to Ride Share Options	None or No Concerns	Some Concerns	Related Concerns	High
Intellectual Quotient Findings	None or No Concerns	Some Concerns	Related Concerns	Lower IQ "postal worker, lawn care"
Learning Difference or Style Factors	None or No Concerns	Some Concerns	Related Concerns	Multi-sensory, Drive then Park and talk
Education Plan Hx (IEP/504 in place)	None or No Concerns	Some Concerns	Related Concerns	504 only; years ago
Family Support Resources	None or No Concerns	Some Concerns	Related Concerns	High
Criminal or Drug & Alcohol Hx	None or No Concerns	Some Concerns	Related Concerns	None
Socio-Emotional/Behavioral Factors	None or No Concerns	Some Concerns	Related Concerns	Social/Engaging/Friendly "Good kid"
BOT2® Motor Proficiencies ¹¹	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old
Sensory Profile 2/SPM™ History ^{11,12}	None or No Concerns	Some Concerns	Related Concerns	Modulation/Discrimination Issues
Adolescent/Adult Sensory Profile ^{®11}	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old
Adult/Adolescent Sensory Hx (ASH) ¹³	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old and at 15 1/2
SIPT® Hx (PrVC, SPT, PPR, BMC, LTS) ¹²	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old; Athlete @15 1/2
Clinical Observations/COMPS ^{®14}	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old
TIP ^{®15} & other praxis skills ^{13,20}	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old
Beery VMI™ ¹⁴	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old
TVPS/DTVP/MVPT ^{®11}	None or No Concerns	Some Concerns	Related Concerns	Delayed at 9-10 years old; WFL MVPT/SASP 15 1/2
Other Pediatric OT Assessment:	None or No Concerns	Some Concerns	Related Concerns	Interactive Metronome & IM-HOME; WFL 15 1/2
Speech Language Therapy	None or No Concerns	Some Concerns	Related Concerns	Delayed Auditory & Language processing
Vision Therapist	None or No Concerns	Some Concerns	Related Concerns	N/A; Assumed some difficulties but WFL
Neuropsychological	None or No Concerns	Some Concerns	Related Concerns	Cognitive & Attentional Limitations 9-10
Neuropsychological -follow up	None or No Concerns	Some Concerns	Related Concerns	Cognitive & Attentional Limitations 15 years
Primary Physician/Specialist	None or No Concerns	Some Concerns	Related Concerns	Medically cleared to drive

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Readiness-To-Drive-Safe (RTDS) Screener: For Teenagers & Young Adults (2019)



Adolescent-Fitness-To-Drive-Safe (AFTDS) Screener: For New & Young Drivers (2019)



Instructor Notes Form
for Areas Needing Safe Driving
Improvement
www.safedrivingrehab.com

Adolescent-Fitness-To-Drive-Safe (AFTDS) Part II & III Form

To assist with fitness-to-drive-safe impressions and discussions regarding the student driver in question, please complete the following form of the AFTDS. Some instructors may find it helpful to use the supplement called "Instructor Notes Form for Areas Needing Safe Driving Improvement" to track lesson needs and progress over time. To acquire that form or for any other additional assistance, please contact Missy Bell, OTR/DRS of www.safedrivingrehab.com

1. The student is showing challenges in appropriate driving task preparedness or set up process which could relate to deficits in organization/planning, awareness/insight, health habits, state of mind or mood & memory. The student could benefit from additional support in this area.

Yes (RATE LEVEL OF ASSISTANCE)

No (Skip Below to Question 2)



LEVEL OF ASSISTANCE

	None	Min	Mod	Max
Pre-lesson Assignment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Necessary Materials/...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transferring/Loading	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seat Set Up/Positioni...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seat Belt Recall/Usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Annual Planning Workshop
November 17, 2015
Austin, TX



"Umm" Thank you for listening. :-)

Feel free to reach out to me with questions related to new & young driver needs or potential drivers and I will do my best to help out directly or refer you to someone else who can. We all "specialize" in something unique and are constantly evolving. By the way, it takes a wonderful kind of person to offer what you do, so "Thank you, too!".

Let's work together to help everyone be safer!
"Ms. Missy" OTR/L, DRS, LDI

For access to tools mentioned today, email @
missybell.atx@gmail.com