

Statewide Strategies for Supporting Aging Population

Driver Fitness Programs

Presented by:
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Office of Driver Services



Staff Training

- ✓ Hearing
- ✓ Vision
- ✓ Memory
- ✓ Dexterity

Expansion of Sensitivity Training to all DOT employees



2



Staff Training



3

Choices Not Chances

Seminar includes a video exclusive to Iowa.



Choices Not Chances

Driver's License Renewal Older Drivers and Risk Driving with Diminished Skills Driving Retirement

- ✓ Vision and health
- ✓ Mental and physical changes
- ✓ Crash facts
- ✓ Roadway enhancements
- ✓ Self-assessments
- ✓ Alternative transportation



Senior Driver's Workbook



Online Resources

Visit us online at <http://www.iowadot.gov/mvd/ods/olderdrivers.htm>



7

Types of Restrictions

- ✓ Left and right outside mirrors
- ✓ No driving when headlights are required
- ✓ Special Permit
- ✓ Medical Report required at renewal
- ✓ Vision Report required at renewal
- ✓ No interstate or freeway driving
- ✓ Maximum speeds
- ✓ Limited speed zones
- ✓ Radius of residence



8

Local Drive Test

- ✓ Familiar area
- ✓ Restricted privileges



9

Assessing Drivers

- ✓Vision Screening
- ✓Medical Reports
- ✓Driving Exams
- ✓Cognitive Screening



10

Driver Orientation Screen for Cognitive Impairment **DOSCI**



11



DOSCI Form



12


DOSCI



- ✓ **Research Based**
- ✓ **Validated**
- ✓ **Easy to Use**
- ✓ **Low Cost**
- ✓ **Quick**
- ✓ **Effective**



13

Safe Driving Basics

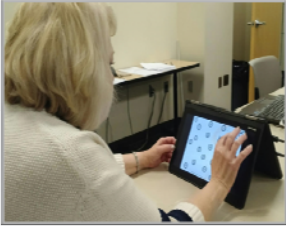
- ✓ **Required**
 - ✓ Re-exams
 - ✓ Appeals
- ✓ **Voluntary**
 - ✓ Renewal
 - ✓ Short version







14

Safe Driving Basics



- ✓ Route Planning
- ✓ Visual search with divided attention
- ✓ Visualizing missing information
- ✓ Visual information processing speed





15



Safe Driving Basics

Route Planning

  16


Safe Driving Basics

Visual Search A

  17



Safe Driving Basics

Visual Search B

  18



Safe Driving Basics

Visualizing Missing Information

  19



Safe Driving Basics

Visual Processing Speed 1

  20



Safe Driving Basics

Visual Processing Speed 2

  21

Safe Driving Basics

Visual Processing Speed 2



22

Safe Driving Basics

Safe Driving BASICS IDWADOT



DL: 85304288 Date: 07/10/2019

Assessing Procedure: FAF 8748 HAZOP

Visual Planning	42.2	0.00%
Visual Search Part 2	62.4	100.00%
Visual Search Part 3	100	100.00%
Visual Memory Orientation	8	100.00%
Visual Processing Speed Part 1	100	100.00%
Visual Processing Speed Part 2	100	100.00%

Passing Procedure

Medical report required for unsatisfactory exercise



23

EMREMS Overview

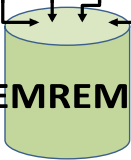
MEDICAL REVIEW:

– Processes

DIAGNOSES and RECOMMENDATIONS



OUTCOMES:

- Drive
- Restrict
- No Drive
- Abandon
- Follow



EMREMS

- LEOs
- Courts
- Physicians
- FF&Ns
- Counter
- SDB[®]



24

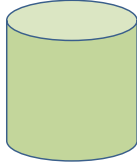
Information Provided by EMREMS

LEO: What happened to that guy I referred for medical review?

Licensing: How do counter referrals stack up against others?

Courts: How often do our referrals result in a restricted license?

Administration: Which referrals result in the longest processing?



MAB: What Medical Review outcomes result from which types of referrals?

Administration: What is the rate at which referrals from friends, family, or neighbors result in licensing intervention?



25

EMREMS Record

EMREMS Record

Customer No: [REDACTED]
 Residency Adm: [REDACTED]
 Identification: [REDACTED]
 Current: Class C, END, L, ISS: 07-07-2015, EXP: 06-08-2023
 Previous: Class C, END, L, ISS: 07-10-2010, EXP: 06-06-2015

Event Type	Result	Referral Date	Referral	Referral Reason
Line Exam		03/17/2015	Line Exam	LOC
DOGSI	Passed	03/17/2015		LOC
Medical Report	Satisfactory	03/18/2015	1975 - Sample, Susie	LOC
Vision Screening	Passed	03/17/2015		LOC
Driving Test	Failed	03/18/2015		Physical Ability
Driving Test	Passed	03/18/2015		Physical Ability
Disposition	License Issued, Add or Remove Classification	03/18/2015		



26

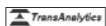
Medical Record

Vison: [LOC]

Result: [Dropdown] Medical Provider: [Dropdown] Report Date: [Dropdown]

Diagnosis:

<input type="checkbox"/> D/D	<input type="checkbox"/> Diabetes	<input type="checkbox"/> Muscular Dystrophy	<input type="checkbox"/> Sociopath
<input type="checkbox"/> Alcoholism	<input type="checkbox"/> Drug Abuse/Addiction	<input type="checkbox"/> Narcolepsy	<input type="checkbox"/> Stroke/CVA
<input type="checkbox"/> Alzheimers	<input type="checkbox"/> Dr Not Reported	<input type="checkbox"/> OCD	<input type="checkbox"/> Syncope
<input type="checkbox"/> Anxiety	<input type="checkbox"/> Emphysema	<input type="checkbox"/> OSA	
<input type="checkbox"/> Bi Polar Disorder	<input type="checkbox"/> Hemiplegia	<input type="checkbox"/> Other	
<input type="checkbox"/> Cardiac/Arrhythmia	<input type="checkbox"/> LOC	<input type="checkbox"/> Parkinson's Disease	
<input type="checkbox"/> COPD	<input type="checkbox"/> MCI	<input type="checkbox"/> Posttraumatic Neuropathy	
<input type="checkbox"/> Dementia	<input type="checkbox"/> Medication Impairment	<input type="checkbox"/> Schizophrenia	
<input type="checkbox"/> Depression	<input type="checkbox"/> Multiple Sclerosis	<input type="checkbox"/> Seizures	



27

Vision Report

Reason: Vision/Acuity

Result: Medical Provider: Report Date:

Diagnosis:

- Subject Reported Vision-Standards
- Other
- Vision-Albinism
- Vision-Cataracts
- Vision-Glaucoma
- Vision-Hemianopia
- Vision-Macular Degeneration
- Vision-Retinitis Pigmentosa
- Vision-Scotoma

28

Safe Driving Basics

Safe Driving Basics (Medical)

Reason: Failed Drive Test Result: DOSCI: Issue Date:

SDS Scores

Overall Result	Version	Test Date	ART	File Name
Unsatisfactory	Medical	2015/10/06	0	

Risky Planning	132.84	(2.20)	Visualizing Moving Information	4	5
Visual Search - Part A	86.00	(5.40)	Visual Processing Speed - Part 1	83.00	100
Visual Search - Part B	156.02	(10.00)	Visual Processing Speed - Part 2	500.00	300

29

Referrals

Referral Type	Number Of Records	Referral Source	Number Of Records	Referral Reason	Number Of Records
Neurologic Hearing	46	Acc Review 2-Contributive 3 yrs	11	Activity	2
Line Exam	249	Acc Review 0-7% Contributive	9	A sleep/ fatigue	110
Other	313	Acc Review 80-Contributive	283	Attention/Inattention	4
Ref Exam	429	Acc Review 80-Contributive	147	Confusion/Confusion	17
	1588	Accident Review	5	Depression	7
		Admin or Other	15	DOSCI	11
		Driver Self	27	Failed Drive Test	44
		Ignorant Letter	1	Valid Knowledge 1482	23
		Fatal Accident	8	LDC	51
		Hearing Request	85	Meditation use	18
		Law Enforcement	146	Normal Condition	17
		Law Enforcement Accident	159	Mobility	106
		Line Exam	177	NA	193
		Physician Letter	91	Other Medical Reason	101
		Public Letter	3	Physical Ability	92
		Recall Letter	175	Prosthetic/Missing Limb	5
		Recall Letter/Hearing Officer	27	Safety (young drivers)	26
			1528	Seizure	75
				Vision/Acuity	187
				Vision/Peripheral	77
				Weakness/Trauma	22
					1588

30

Dispositions

Dispositions	NumberOfRecords
License Denied, FTA	11
License Denied, Medical	8
License Denied, Testing	14
License Denied, Vision	1
License Issued, Add or Remove Restriction	84
License Issued, No change	111



31

Requirements

Requirements	NumberOfRecords
DOSCI	1284
Driving Test	802
Hearing-Driving Test	48
Hearing- Knowledge Test	36
Hearing- Local Driving Test	10
Hearing-Medical Advisory Board	2
Hearing- Medical Report	4
Hearing- Sahn among asst	11
Hearing-Specialist Medical Eval	7
Hearing-Vision Report	16
Hearing-Vision Screening	18
Knowledge Test	424
Local Driving Test	25
Medical Advisory Board	6
Medical Report	799
Physical Req(d) Driving Eval	7
Safe Driving Basics (Medical)	22
Safe Driving Basics (Screening)	4
Specialist Medical Eval	3
Vision Report	652
Vision Screening	745



32

Thank You



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