



Medical fitness and vocational driving: a shared responsibility

Prof Desmond O'Neill

National Office for Traffic Medicine, RCPI/RSA



RCPI » Traffic Medicine

https://www.rcpi.ie/traffic-medicine/ 80% Search

Most Visited Entrez-PubMed Amazon Google Microsoft Exchange ... Radioclassique Logon Google Scholar Sudden death at the...

ROYAL COLLEGE OF PHYSICIANS OF IRELAND

Login to your **RCPI Digital Hub**

desmondjoneill Remember me


Forgot Password?

LOGIN

HOME RCPIStore FACULTIES EXAMINATIONS TRAINING COURSES AND EVENTS PROFESSIONAL COMPETENCE MORE

Home Traffic Medicine

Traffic Medicine



LOOKING FOR MEDICAL FITNESS TO DRIVE GUIDELINES?

Published in April 2017, this document is designed to help doctors and other healthcare professionals assess medical fitness to drive

Transferring data from rcpi-live-cdn.s3.amazonaws.com... [DOWNLOAD SLÁINTE AGUS TIOMÁINT MEDICAL FITNESS TO DRIVE GUIDELINES](#)



Sláinte agus Tiomáint

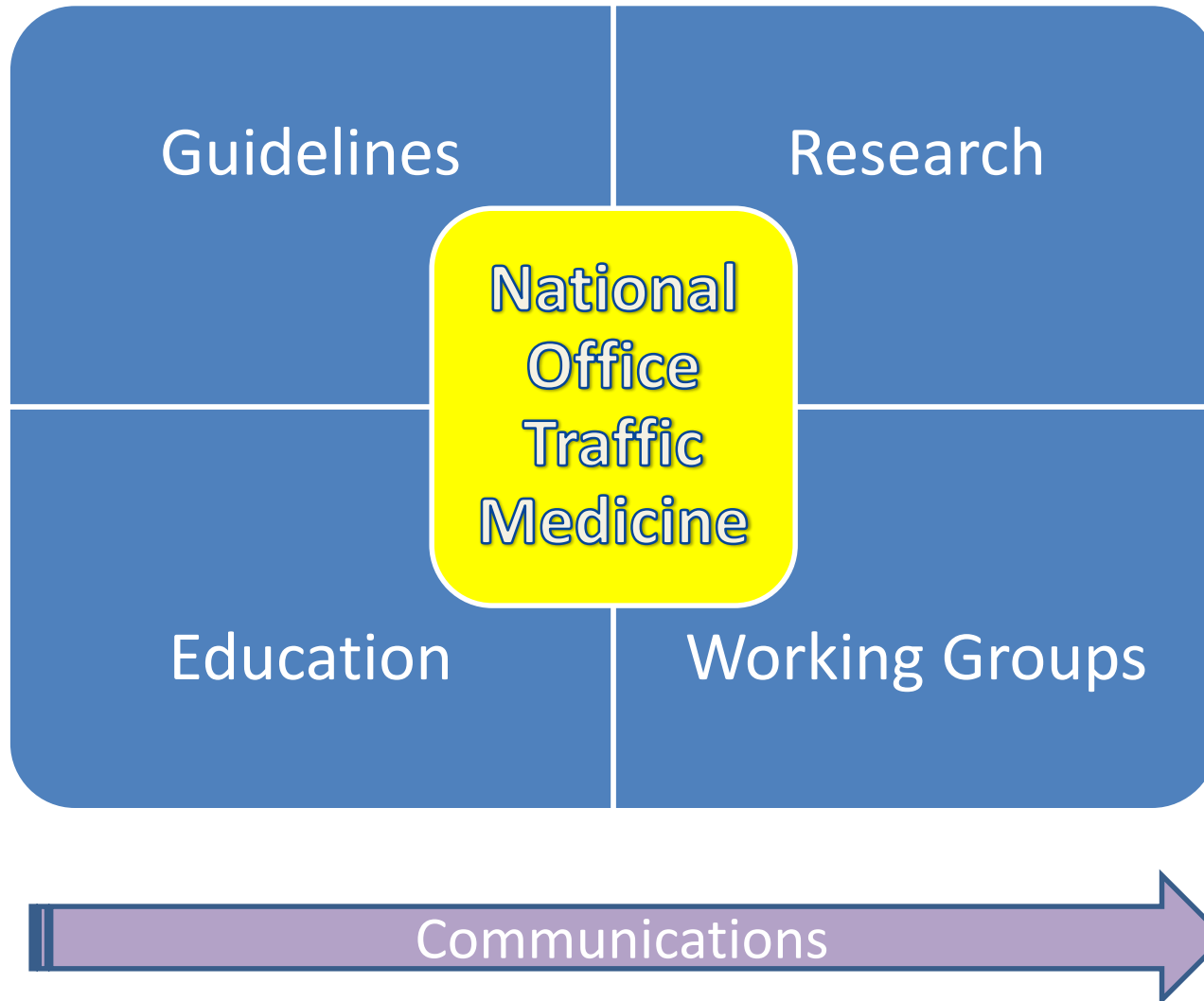
Medical Fitness to Drive Guidelines
(Group 1 and 2 Drivers)

October 2018

An tÚdarás Um Shábháilteacht Ar Bhóithre
Road Safety Authority



Traffic Medicine



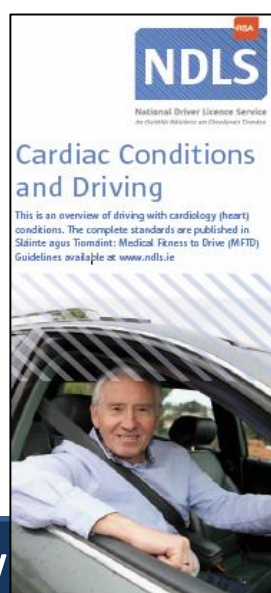
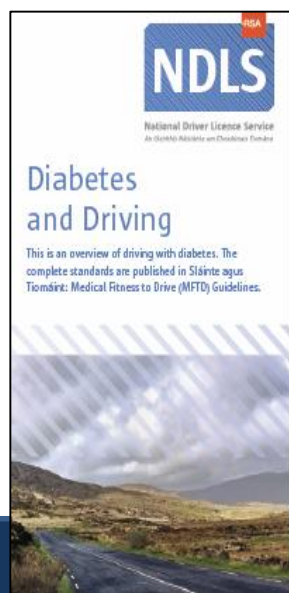
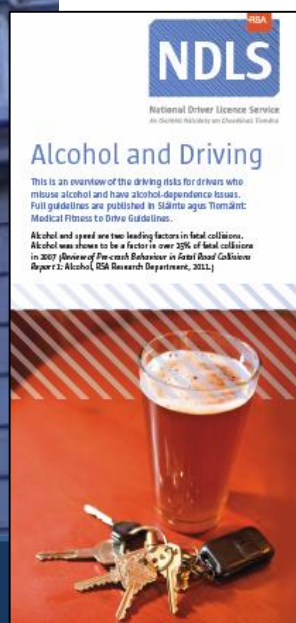


Shared responsibilities





Raising driver awareness about medical conditions and driving





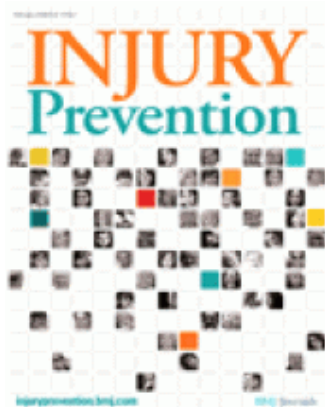
Shared responsibilities







Systematic review



A systematic review of epidemiological studies investigating risk factors for work-related road traffic crashes and injuries

G Robb, S Sultana, S Ameratunga, R Jackson

Accident Analysis and Prevention 39 (2007) 1006–1014

**ACCIDENT
ANALYSIS
&
PREVENTION**

www.elsevier.com/locate/aap

Working in light vehicles—A review and conceptual model for occupational health and safety[☆]

Rwth Stuckey^{a,□}, Anthony D. LaMontagne^{b,1}, Malcolm Sim^{c,2}

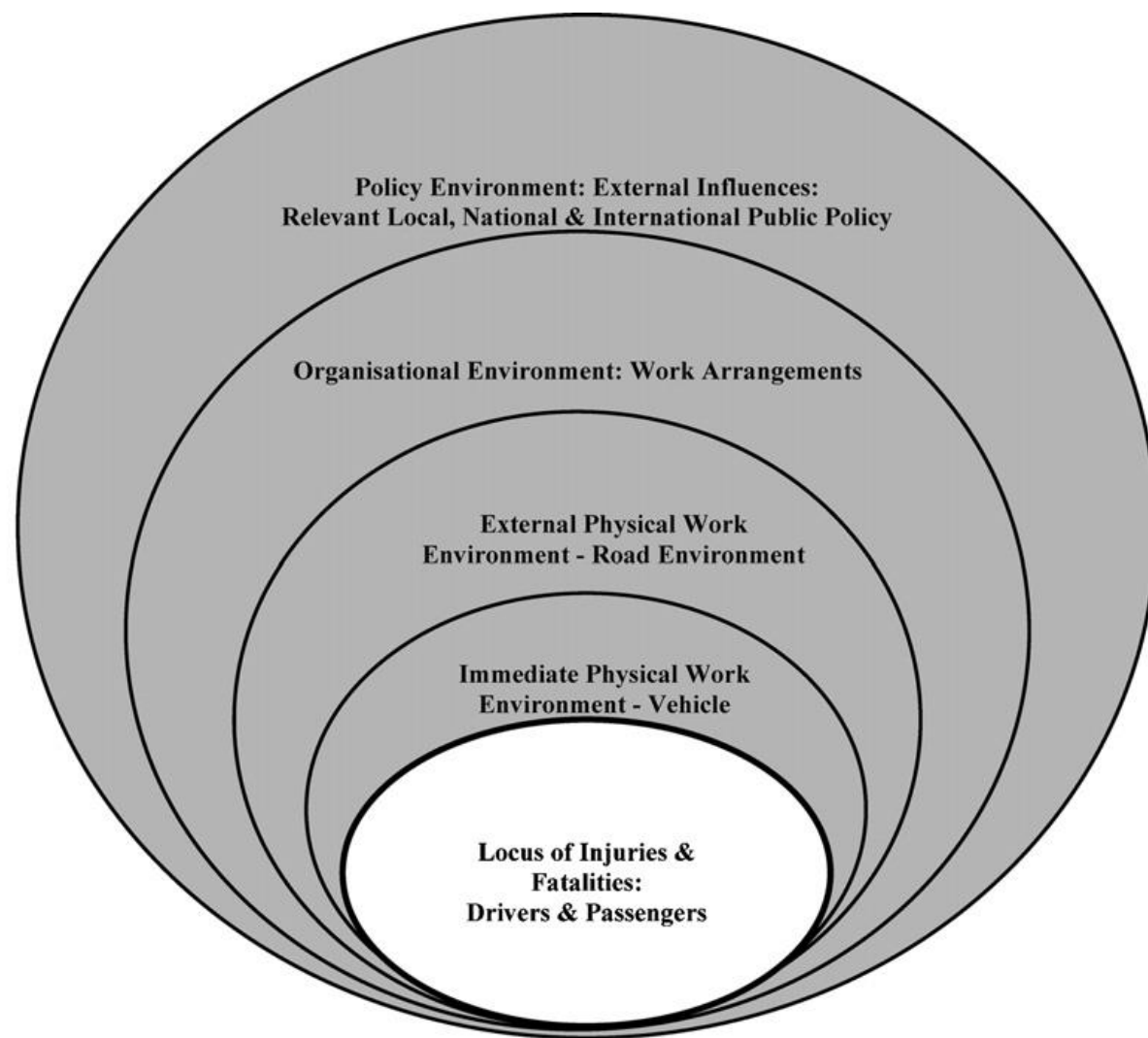


Occupational vehicle accidents

- leading cause of work related traumatic injury and death
- One-third US, one-half UK drive as part of work
- Injury burden greater than HGV accidents



- User descriptors
 - Education*
- Occupational factors
 - Long periods, fatigue,
- Vehicle
 - Less if self-owned
- Organizational
 - Employment type, ‘Fleet-Driver’ effect





Do management practices support or constrain safe driving behaviour? A multi-level investigation in a sample of occupational drivers

Sharon Newnam^{a,*}, Amanda Warmerdam^a, Dianne Sheppard^a, Mark Griffin^b, Mark Stevenson^c

^a Monash University Accident Research Centre, Monash University, Australia

^b Centre for Safety, The University of Western Australia Business School, Australia

^c Urban Transport and Public Health, University of Melbourne, Australia

Accident Analysis and Prevention 102 (2017) 101–109

- Under conditions of high investment in job and work design, communication and selection practices, drivers reported poorer driving behaviour.
- Under conditions of high investment in remuneration, drivers reported safer behaviour, but only when they perceived that managers valued and prioritised safety.



High performance workplace systems' influence on safety attitudes and occupational driver behaviour

Warmerdam *et al.*, Safety Science 106 (2018) 146–153

..the results suggest that individual drivers' safety attitudes had a positive effect on safety behaviour in the work-related driver context, yet their organisation's HPWS has a negative impact on this type of safety behaviour.



Approaches

- Behaviour modification ++++– Incentive schemes– Group-based discussions– Goal-setting and feedback programmes
- Driving (re)training ????

S. Newnam, B. Watson / Safety Science 49 (2011) 369–381



Key Medical Issues

- Alcohol and substance misuse
- Fatigue/sleep disorders

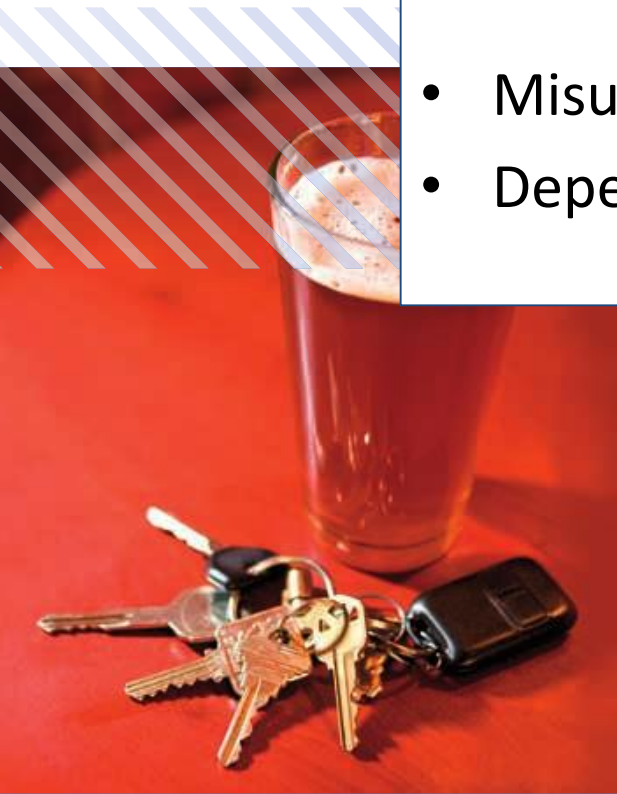
Cessation to abstinence/control

Alcohol and Driving

This is an overview of the driving risks for drivers who misuse alcohol and have alcohol-dependence issues. Full guidelines are published in Sláinte agus Tiomáint: Medical Fitness to Drive (MFTD) Guidelines.

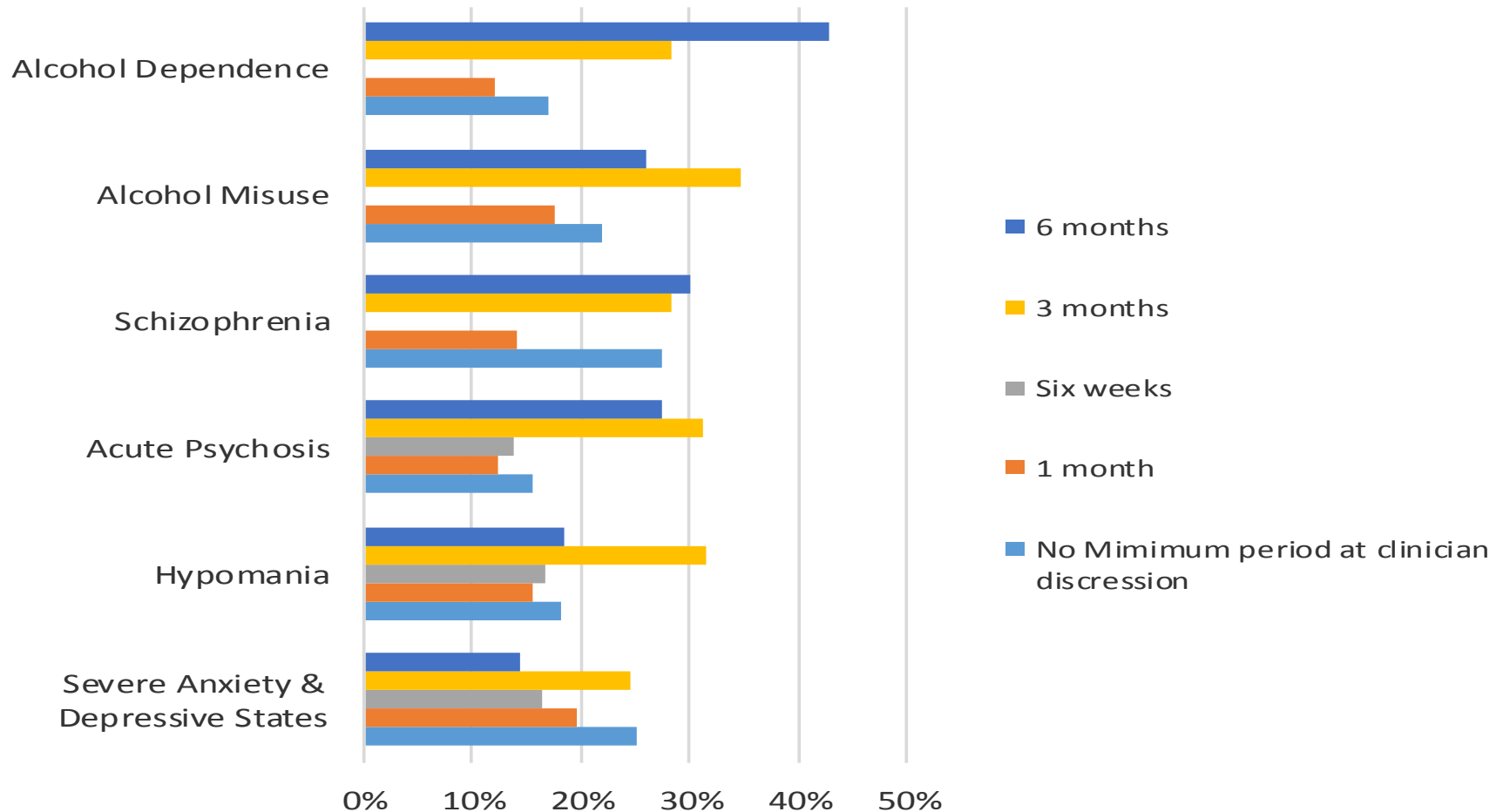
Alcohol and speed are two leading factors in fatal collisions. Alcohol was shown to be a factor in over 15% of fatal collisions in 2007 (*Review of Pre-crash Behaviour in Fatal Report 1: Alcohol*, RSA Research Department, 2007).

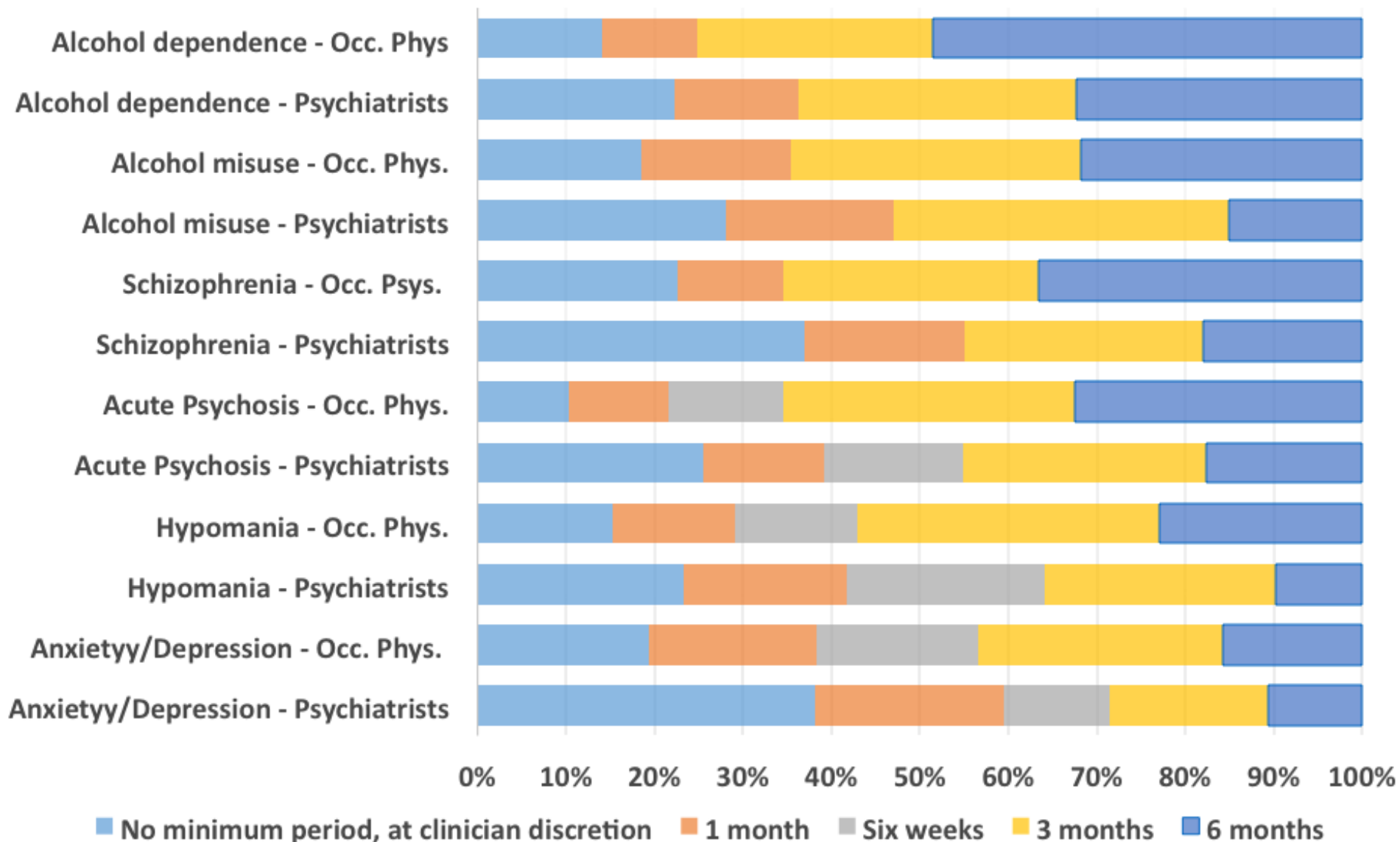
	Ireland	UK
• Misuse	3 months	6 months
• Dependence	6 months	12 months





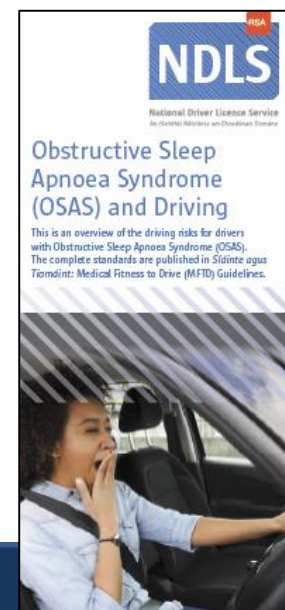
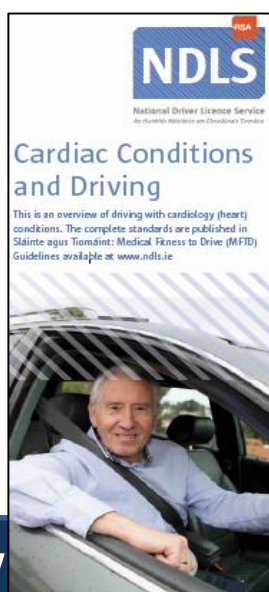
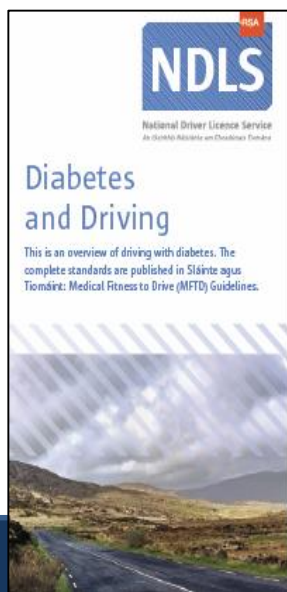
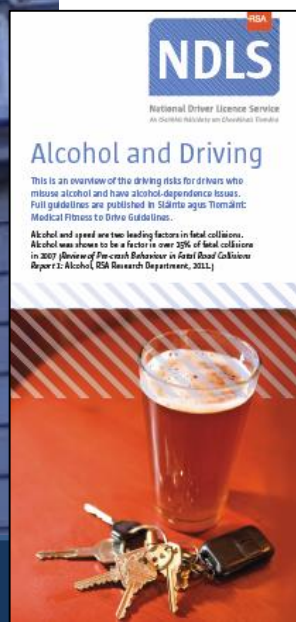
Minimum period of wellness/stability necessary before resuming driving for Group 1 licencees







Raising vocational driver awareness about medical conditions and driving





RCPI » Traffic Medicine

https://www.rcpi.ie/traffic-medicine/ 80% Search

Most Visited Entrez-PubMed Amazon Google Microsoft Exchange ... Radioclassique Logon Google Scholar Sudden death at the...

ROYAL COLLEGE OF PHYSICIANS OF IRELAND

Login to your **RCPI Digital Hub**

desmondjoneill Remember me


Forgot Password?

LOGIN

HOME RCPIStore FACULTIES EXAMINATIONS TRAINING COURSES AND EVENTS PROFESSIONAL COMPETENCE MORE

Home Traffic Medicine

Traffic Medicine



LOOKING FOR MEDICAL FITNESS TO DRIVE GUIDELINES?

Published in April 2017, this document is designed to help doctors and other healthcare professionals assess medical fitness to drive

Transferring data from rcpi-live-cdn.s3.amazonaws.com... [DOWNLOAD SLÁINTE AGUS TIOMÁINT MEDICAL FITNESS TO DRIVE GUIDELINES](#)