**WFNR SPECIAL INTEREST GROUP ANNUAL REPORT**

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| Name of Special Interest Group  | **Driving and Neurological Conditions** |
| ChairEmail | Dr Carol Hawleyc.a.hawley@warwick.ac.uk |
| Co-Chair(s) where applicable  | Professor Shawn MarshallDr Hannes Devos  |
| Number of Members   | Approx. 40  |
| Key objectives and action plan   | Key Objectives:* To provide a network and resource for health professionals regarding the promotion of safe driving among patients with a neurological condition.
* Provide recommendations for good practice in assessing and screening patients who wish to start or return to driving.
* To facilitate research into fitness to drive, and encourage and support collaborative research studies across different countries.

Action Plan* To examine and compare methods of assessing driving fitness (including on and off road assessments) for neurological disorders.
* Redefine driving assessment to integrate novel technologies.
* To adopt a functional approach to assessment and management of fitness to drive.
* To examine neurological disorders and driving accident risk in different countries and cultural settings.
* To compare medical guidelines for driving across different countries and continents.
* Explore how to implement regulations and guidelines in countries which do not currently have these.
* Provide a resource to members via website.
* Publish regular member-led specialist driving newsletters to share research findings and facilitate collaboration.

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| Activities during previous 12 months     | * Continuing association with UK Driver Licensing groups and Older Driver Taskforce (including medical aspects of FTD).
* Driving Chapter in WFNR book: Clinical Pathways in Stroke Rehabilitation published(Ed. Thomas Platz)
* Identifying and forming relationships with other SIGs (part of the SIG collaboration initiative and SIG Chair meeting January 2021)
* Delivery of Driving After Stroke lecture for the Teaching Course: *Clinical Pathways and Stroke Rehabilitation: Comprehensive, Evidence-Based Clinical Practice Guidelines* 2020 and 2021

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| Proposed activities   | Participation in 2022 Teaching Course *Clinical Pathways and Stroke Rehabilitation: Comprehensive, Evidence-Based Clinical Practice Guidelines. Driving after Stroke.* To take place at WFNR Congress, Vienna December 2022.Participation in forthcoming WFNR 12th World Congress, Vienna. (Syposium proposal and Keynote submitted)Driving SIG newsletters   |
| Publications | Devos, H., Hawley, C.A., Conn, A.M., et al. (2021) Driving After Stroke. In Clinical Pathways in Stroke Rehabilitation. T. Platz (Ed.). World Federation for Neurological Rehabilitation. book chapter. DOI: 10.1007/978-3-030-58505-1. eBook ISBN: 978-3-030-58505-1Devos H, Alissa N, Lynch S, Sadeghi M, Akinwuntan AE, Siengsukon C. Real-time assessment of daytime sleepiness in drivers with multiple sclerosis. *Mult Scler Relat Disord*. 2020 Oct 31;47:102607. doi: 10.1016/j.msard.2020.102607.Lempke LB, Lynall RC, Hoffman NL, Devos H, Schmidt JD. Slowed driving-reaction time following concussion-symptom resolution. *J Sport Health Sci*. 2020 Sep 19;. doi: 10.1016/j.jshs.2020.09.005Ranchet M, Morgan JC, Akinwuntan AE, Devos H. Visual search and target detection during simulated driving in Parkinson's disease. *Accid Anal Prev*. 2020 Jan;134:105328. doi: 10.1016/j.aap.2019.105328.Hawley, C., Roberts, C., Fosdick, T., Ursachi, G. Vision and health as factors contributing to injury collisions in Great Britain - Comparisons between older and younger drivers. *Optometry in Practice*. 2020. 21(1).Lempke,L., Lynall, R., Hoffman, N, Devos, H. Schmidt, J. Driving Reaction Time Versus Computerized Reaction Time Deficits Following Concussion: Implications for Return to Driving Recommendations. Neurology Nov 2020, 95 (20 Supplement 1) S5; DOI: 10.1212/01.wnl.0000719904.59469.7c |

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