**WFNR SPECIAL INTEREST GROUP ANNUAL REPORT - 2021**

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| Name of Special Interest Group | Special Interest Group on Autonomic Neurorehabilitation (ANSIG) |
| Chair  Email | Ellen Merete Hagen  [EllenMerete.Hagen@nhs.net](mailto:EllenMerete.Hagen@nhs.net) / [e-mhagen@online.no](mailto:e-mhagen@online.no) |
| Co-Chair(s) where applicable |  |
| Number of Members | We don’t have a membership list |
| Key objectives and action plan | **AIMS**   * To raise awareness of a variety of autonomic disorders where neurorehabilitation plays a key role in management * To facilitate education and training in autonomic neurorehabilitation * To promote and build a network for research in autonomic neurorehabilitation, including clinicians, human physiologists and researchers * To lead on the integration across disciplines * To facilitate collaboration with other Scientific Societies and other international bodies (WHO, association of patients, families and NGOs) working within the field * Make advances in utilising drugs with pharmaceutical companies (i.e. Droxidopa, botulinum toxin) * Make technological advances (i.e. Finapres Medical Systems) * Interface with other SIG   + Spinal Cord Injury - Humberto Cerrel Bazo   + Rehabilitation for Movement Disorders – Rajinder Dhamija |
| Activities during previous 12 months | **Conferences & lectures:**   * ISSICON 2021 - Virtual Conference from 19th -21st November, 2021 * Teaching course in neurorehabilitation Oslo, Norway9 December 2021 * Calman Teaching Day for Neurology trainees in London 22 September 2021 * International Spine and Spinal Injuries Conference December 2021 (ISSICON) (virtual) 19.11.-20.11.2021  Ljubljana Clinical Neurophysiology Symposium '21 (virtual) 24.09.2021  * Virtual Royal Devon and Exeter NHS Foundation Trust, UK 02.09.2021 * Symposium – Autonomic Rehabilitation – the Asia Oceanian Congress of NeuroRehabilitation (AOCNR 2021) 06.08.2021 * The Autonomic nervous system dysfunction in neuromuscular diseases. Diagnosis and treatment – Virtual Conference, Barcelona , Spain 15.11.2021 * Clinical Cardiovascular Autonomic Workshop - Physiological Society of Sri Lanka 30.04.2021   **Collaboration:**   * ISCoS – International Spinal Cord Society   + Dr Hagen is Treasurer of ISCoS   + Dr Hagen is member of the Education Committee   + Dr Hagen is member of the Editorial Committee of *Spinal Cord*  INUS – International Neuro-Urology SocietyCollaboration with Dr Jalesh Panicker, UCLH/ UCL  * ASIA – American Spinal Injurie Association   + Dr Hagen is member of the Education Committee as an ISCoS representative * ISSICON – International Spine and Spinal Injuries Conference   + Dr Hagen has participated giving lectures and participating in evaluation panel * EAN – European Academy of Neurology * Dr Hagen is Co-chair of EAN Scientific Panel in Neurotraumatology * Dr Hagen is Management Group Member of EAN Scientific Panel in Neurorehabilitation * Dr Hagen is member of the EAN Scientific Panel of Autonomic Nervous System Disorders |
| Proposed activities | **Participation in:**   * 15th Annual Academic Sessions of Association of Sri Lankan Neurologists * 8th Congress of the European Academy of Neurology * **61th International Spinal Cord Society Annual Scientific Meeting** * 52th Annual Conference of ASIA * WCNR 2022 - Symposium |
| Publications | 1. Kjaerup DH, **Hagen EM**, Vibjerg J, Hansen RM. Autonomic cardiovascular dysfunction during simple arithmetic test in a patient with cervical spinal cord injury—a case report. *Spinal Cord Series and Cases* 2021;7(1):78. 2. Harsfort D, **Hagen EM**, Hansen RM. Autonomic Dysreflexia and concurrent Horner’s Syndrome: a rare presentation in a patient with Spinal Cord Injury. Submitted *Spinal Cord Series and Cases 2021 28;7(1):4.7* 3. Wecht JM, Krassioukov A, Alexander M, Handrakis J, McKenna SL, Kennelly M, Trbovich M, Biering-Sorensen F, Burns S, Elliott S, Graves D, Hamer J, Krogh K, Linsenmeyer T, Liu N, **Hagen EM**, Phillips A, Previnaire JG, Rodriguez G, Slocum C, Wilson J. International Standards to document Autonomic Function following SCI (ISAFSCI): Second Edition. *Topics in Spinal Cord Injury Rehabilitation* 2021; 27(2):23-49*.* 4. Hansen RM, Krogh K,Sundby J, Andrei Krassiuokov A, **Hagen EM**. Postprandial hypotension and spinal cord injury. *J Clin Med* 2021, *10*(7), 1417. 5. Koay JS, Vichayanrat E, Bremner F, Panicker J, Lang B, Nolano M, Lunn MP, Watson L, Ingle G, **Hagen EM**, Vincent A, Mathias CJ, Iodice V. Multimodal Biomarkers Quantify Recovery in Autoimmune Autonomic Ganglionopathy. *Ann Neurol* 2021;89(4):753-68. |

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