WFNR SPECIAL INTEREST GROUP ANNUAL REPORT

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| Name of Special Interest Group | Mild and Severe Brain Injury |
| Chair  Email | Caterina Pistarini  [caterina.pistarini@icsmaugeri.it](mailto:caterina.pistarini@icsmaugeri.it) |
| Co-Chair(s) where applicable | Giorgio Maggioni  giorgio.maggioni@icsmaugeri.it |
| Number of Members | 70 Participants |
| Key objectives and action plan | 1. Definition of a network of clinicians and researchers involved in rehabilitation of both mild and severe brain injury. The Involvement in the network is based on different multi-professional approach and interests. 2. Creation, evaluation and dissemination of a questionnaire on activities on TBI 3. Collaboration with other SIGs having interest in TBI to improve a deep understanding of the organizational model of care |
| Activities during previous 12 months | 1. Chair and members of the SIG had active participation to Webinars organized by WFNR 2. Member of the WHO working group for the definition of the essential interventions for Individual Rehabilitation Projects for TBI patients 3. Paticipation to the World Brain Day event organized on July 22 by Professor Tissa Wijeratne. 4. Participation to Webinar on patients with Brain injury taking charge during COVID pandemia organized by Melbourne University 5. Organization of WCNR 2020 session on Brain injury rehabilitation from the diagnosis to treatment with new tools and technologies 6. Organization of WCNR 2020 SIG meeting for the creation and implementation of a Questionnaire, to define a network of clinicians and researchers involved in the TBI field. Nowadays we are in the questionnaire evaluation phase; this questionnaire is based on our experience on the Italian National Institute of Research Network. |
| Proposed activities | 1. For next year the SIG is planning webinars, teaching course and training course, main topic will be the knowledge and use of different assessment tools in the DOC and TBI field to plan and manage rehabilitation treatments. In particular this aim is planned in collaboration with other SIGs 2. Research and rehabilitation activities are planned in the Telemedicine and telerehabilitation field to implement models of monitoring and treatments for TBI patients. |
| Publications | 2020/2019 on the argument :   1. Participation to the Book project on Clinical Pathways in Stroke Rehabilitation: Authors of the Chapter 4 (Disorder of Consciousness) 2. [Reduced Neuron-Specific Enolase Levels in Chronic Severe Traumatic Brain Injury.](https://pubmed.ncbi.nlm.nih.gov/31418324/) Bagnato S, Andriolo M, Boccagni C, Lucca LF, De Tanti A, Pistarini C, Barone T, Galardi G.J Neurotrauma. 2020 Jan 15;37(2):423-427. 3. [Influence of systemic infection and comorbidities on rehabilitation outcomes in severe acquired brain injury.](https://pubmed.ncbi.nlm.nih.gov/33165309/) Bellaviti G, Balsamo F, Iosa M, Vella D, Pistarini C. 4. Eur J Phys Rehabil Med. 2020 Nov 9 5. [The Comorbidities Coma Scale (CoCoS): Psychometric Properties and Clinical Usefulness in Patients With Disorders of Consciousness.](https://pubmed.ncbi.nlm.nih.gov/31681139/) Pistoia F, Carolei A, Bodien YG, Greenfield S, Kaplan S, Sacco S, Pistarini C, Casalena A, De Tanti A, Cazzulani B, Bellaviti G, Sarà M, Giacino J.Front Neurol. 2019 Oct 17;10:1042 6. [Patients with Disorders of Consciousness in India: Preliminary Results from a Pilot Survey.](https://pubmed.ncbi.nlm.nih.gov/31736576/) Sattin D, Surya N, Pistarini C, Tonin P, Someshwar H, Caputo M, Leonardi M.Ann Indian Acad Neurol. 2019 Oct-Dec;22(4):485-487 |

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