**WFNR SPECIAL INTEREST GROUP ANNUAL REPORT**

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| Name of Special Interest Group | SPINAL CORD INJURY |
| Chair  Email | HUMBERTO A. CERREL BAZO, M.D. MPH.  hcb57@yahoo.com |
| Co-Chair(s) where applicable |  |
| Number of Members | No formal membership – pro tempore  One candidate have send an email of interest but haven’t send his cv yet. |
| Key objectives and action plan: Targeting Activities and main objectives for WFNR SCI SIG. | 1. Characterization: “open” areas of interest where ISCOS and/or ASIA are not working yet: a. restorative neurology, b. functional neurosurgery, c. ageing, d. dysphagia, e. non traumatic spinal cord f. the big combo issue + associated injuries g. incomplete spinal cord injury syndromes  2. Educational: Promote knowledge, elaboration of clinical/medical consensus and/or guidelines of the open areas of Characterization above mentioned . a. Masterclass for MD’s, Psychologist, PT’s, TO’s, Nurses from Emerging countries (low and/or middle income countries )interested in SCI. b. Book, Manuals, Book Chapters. c. Web material.  3. Research: a. ERASMUS + AWARD: “European Training on innovative Restorative Protocols for clinical and technological changeable”. b. Sexual Rehabilitation in SCI  4. Flying Faculty: SCI SIG once allow by the covid 19 situation, is available for delivering continue clinical, medical education in conjunction with other SIG’s in emerging countries (low and/or middle income countries )interested in SCI.  5. EVENTS promotor: Webinar, WCNR, Symposium, Workshops, Masterclass, multidisciplinary SIG’s joint ventures, Podcast. |
| Activities during previous 12 months | **Educational**: Book Chapter: (a) “La Mielolesione” (The Spinal Cord Injury) in Italian Language. Humberto A. Cerrel Bazo; (b) MANAGEMENT OF THE BOWEL DYSFUNCTION IN PATIENTS WITH CENTRAL NERVOUS SYSTEM DISEASES: Gabriele Bazzocchi, Mimosa Balloni, Erica Poletti, Roberta Manara, Paola Mongardi, Marica Vicchi, Eugenia Fragalà, Elena Demertzis, Antonella Manzan and Humberto Cerrel Bazo. **“SUPRAPONTINE LESIONS AND NEUROGENIC PELVIC DYSFUNCTIONS”.**  **Research**: (a) ERASMUS + AWARD: “European Training on innovative Restorative Protocols for clinical and technological changeable”. Presentation: Humberto Cerrel Bazo. Seminar attendance, Ljubljana July 2021, at The Ljubljana Technological Center. Videoconference & presentation 12.10.21: “Evidence-based optimization of an“FES TASK-ORIENTED APPROACH” useful for active physical therapy and rehabilitation to be follow at home in SCI patients” Humberto Cerrel Bazo & video conference on 10.12.21: Update and programming for January 2022 meeting at Aveiro, Portugal.  **EVENTS promotor**: (a) IFNR WEB SEMINAR 2020 from Motta di Livenza, Treviso, Italy, 11 April, 2021 10.40 IT time. ITALIAN TIME: 12.30. “**The Big Combo Issue in SCI**”. Humberto Cerrel Bazo. ;(b) AOCNR 2021,4th Oceanian Asian Congress on Neuro Rehabilitation, 6th-8th August 2021. Videoconference: “**Spinal cord injury – Recent Advances in Rehabilitation**”. Humberto Cerrel Bazo.; (c) AOCNR 2021,4th Oceanian Asian Congress on Neuro Rehabilitation, 6th-8th August 2021. “**Animal Assisted Interventions at Craig Hospital**”: Lisa Elder CTRS, Emily Aldrige CTRS, William Scelza MD. Craig Hospital, Denver Colorado. Presented by: Humberto Cerrel Bazo. (d) CORSO ANNUALE SIMS(Societá Italiana Midollo Spinale, Italian Society of Spinal Cord Injury) 2021. ROMA, Italy 18/20 novembre 2021. Il Futuro delle Unitá Spinale, “**The Future of the Spinal Cord Units in Italy**”. Humberto Cerrel Bazo.  **Review Abstracts for ECNR 2021 Germany**  **Collaborate with the SIG Framework reorganized by Robyn Tate**  **Elaborate the Topics for the next World Congress in Vienna December 2022 which will hopefully be accepted with the suggested speakers, all have been contacted and agree**. |
| Proposed activities | Continued education and research activities with ERASMUS European Training on innovative Restorative Protocols for clinical and technological changeable.  Conclusion of the New Chapter of a Book in Neuroscience, in Spinal Cord Injury. |
| Publications | Publications: (a) “[Differences between males and females with spinal cord injury in the experience of subliminal and explicit sexual pictures.](https://pubmed.ncbi.nlm.nih.gov/34719671/) Zanin E, Leochico CFD, Salizzato S, Rey-Matias RR, Pauletto P, Masiero S, **Cerrel Bazo HA.** Spinal Cord. 2021 Nov 1. doi: 10.1038/s41393-021-00723-4. (b) [Experimental Protocol to Assess Neuromuscular Plasticity Induced by an Exoskeleton Training Session.](https://pubmed.ncbi.nlm.nih.gov/34287357/) Di Marco R, Rubega M, Lennon O, Formaggio E, Sutaj N, Dazzi G, Venturin C, Bonini I, Ortner R, **Cerrel Bazo HA**, Tonin L, Tortora S, Masiero S, Del Felice A, On Behalf Of The Pro Gait Consortium.Methods Protoc. 2021 Jul 13;4(3):48. doi: 10.3390/mps4030048. (c) [Developing an instrument for an early prediction model of long-term functional outcomes in people with acquired injuries of the central nervous system: protocol and methodological aspects.](https://pubmed.ncbi.nlm.nih.gov/33078248/) Masiero S, **Cerrel Bazo HA**, Rattazzi M, Bernardi L, Munari M, Faggin E, Cattelan M, Pauletto P, Del Felice A.Neurol Sci. 2021 Jun;42(6):2441-2446. doi: 10.1007/s10072-020-04821-8. Epub 2020 Oct 19.PMID: 33078248. |

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