

# CURRICULUM VITAE

## GENERAL INFORMATION

Name and surname: Claudio Marcello Solaro

## EMPLOYMENT

SINCE march 2023:

Head of Department of Neurology Unit – Galliera Hospital – Genova

SINCE genuity 2017:

Head of Department of Rehabilitation – CRRF “Mons. Luigi Novarese” – Moncrivello (VC)

2001 - 2016:

Permanent position- Medical Doctor Neurology Unit Department of Head and Neck – PA Micone Hospital. Largo Nevio Rosso 2 16153 Genova (Italy)

1999-2001:

University Researcher - Institute of Neurology - University of Genova.

2000:

Visiting phisician at the Queen’s Square Hospital London (Prof AJ Thompson).

1997-1999:

Coordinated an epidemiological research project in the province of Genoa with a fellowship from Italian MS Society.

1996-1997:

Neurologist for one year at the Department of Social Health Services and Research at the the national headquarters of the Italian Multiple Sclerosis Society.

## ACADEMIC DEGREE (year and Istitution)

2012: Univeristy teaching qualification in Neurology

2006: Board in Rehabilitation Medicine University of Genova 48/50

1996: Board in Neurology University of Genova 50/50 with honours

## Principal Research activity

- Upper limb dysfunction in MS
- Symptomatic therapy in MS
- Neuroepidemiology

## Grants FISM

FISM 2022 - Evaluation of the impact of experimentally induced fatigability on motor and cognitive functions. Effect of high intensity training on motor and cognitive functions: a randomized controlled trial. (2022/R-Multi/005)

FISM 2020 – Advance Care Planning in Multiple Sclerosis: Pilot study (ConCure-SM Phase 2 Study)

FISM 2019 - To evaluate the activity and the efficacy of traditional swallowing therapy

(TST) plus neuromuscular electrostimulation (NMES) vs TST plus sham-NMES in MS patients with dysphagia

FISM 2019 - Assessing heat sensitivity in multiple sclerosis: combined use of questionnaire and functional testing

FISM 2017 - Home-based EXergames To improve cognitive function in Multiple Sclerosis: the EXTREMUS study. A multicenter, randomized, single-blind non-inferiority trial

FISM 2017 A multicenter single-blind study for evaluating the safety, the activity and the efficacy of ASSISTarmMS, an exoskeleton, for upper-limb related ADL in MS patient.

FISM 2016 Spastic dystonia in multiple sclerosis: the dark side of muscle hypertonia. Coordinated by University of Genova

FISM 2016 Activity of combined trans-cranial electrical stimulation (tES) and robot-mediated haptic interaction to improve upper limb function in multiple sclerosis (ROBOTES). Coordinated by University of Genova

FISM 2016 Unraveling early walking dysfunction in non-disabled MS people: clinical and instrumental assessment of disease progression and potential therapeutic interventions. Coordinated by Don Gnocchi of Milano

FISM 2013 Body-Machine Interfaces based on muscle synergies for adaptive and personalized neuromotor rehabilitation of persons with Multiple Sclerosis.

FISM 2010 CIFMO “CIs Follow-up to MS Conversion and progression”.

FISM 2009 Dysphagia in multiple sclerosis: clinical correlations of RMN and endoscopy followed by rehabilitation. Coordinated by the IRCCS Saint Lucia Foundation.

FISM 2008 Robot-based assessment and therapy in treatment of upper limb impairment in Multiple Sclerosis: a multi-center randomised controlled trial.

FISM 2005-2006 Activity and efficacy of robotic rehabilitation on upper limb impairment in Multiple Sclerosis subjects: an open-label study.

FISM 2004 Robot training protocol for cerebellar Multiple sclerosis subjects: a double randomised crossover study.

FISM 2004 Evaluation of the safety and symptomatic effects of low-dose naltrexone in patients with primary progressive multiple sclerosis. A pilot study. A prospective and multicenter study. Coordinated by Don Gnocchi Foundation.

FISM 2004 Cortical plasticity and constraint-induced movement therapy (CIMT) applied to patients with multiple sclerosis: a pilot study of clinical and functional imaging. Coordinated by Italian Institute Auxologico Piacavallo.

FISM 2003 Effectiveness and activity of levetiracetam on cerebellar symptoms in patients with multiple sclerosis: cross-over study in double-blind placebo. Coordinated by Department of Neurosciences, Ophthalmology and Genetics.

FISM 2003 Correlations of MRI measures, kinematic analysis and clinical scales in SM patients with a multicenters follow-up study.

FISM 2001-2002 Characterization of neuromuscular, feedforward and feedback mechanisms in the control of arm movements: implications for the assessment of motor impairment and development of rehabilitative strategies in patients with Multiple Sclerosis.

FISM 2000 Computer analysis of the movements for the quantitative assessment of cerebellar symptoms in patients with multiple sclerosis: validation of the technique and application to the assessment of the activities of serotonergic drugs on ataxia.

Member of Italian Society of Neurology and the Italian Society of Neurorehabilitation.

Ad hoc reviewer for Italian MS Society Foundation, UK MS society, Neurological Sciences, Acta Neurologica Scandinavica, Neurology of India, J Neurology, European Journal Neurology.

Authored about 70 peer-reviewed publications and about 200 abstracts in Italian and International congresses.

kinematic analysis, symptomatic therapy in multiple sclerosis Italian MS Society Foundation grants recipient from 2001 to 2005.

Member of several neurological societies.

Member of the RIMS Executive Board from 2005 to 2011

Member of the SIRM Executive Board from 2019

## Recent Research (last 10 years):

1. Natalizumab treatment and pregnancy in multiple sclerosis: A reappraisal of maternal and infant outcomes after 6 years. *Mult Scler.* Portaccio E, Pastò L, Razzolini L, Moiola L, Martinelli V, Annovazzi P, Ghezzi A, Zaffaroni M, Lanzillo R, Brescia Morra V, Rinaldi F, Gallo P, Gasperini C, Paolicelli D, Simone M, Pozzilli C, De Giglio L, Cavalla P, Cocco E, Marrosu MG, Patti F, Solaro C, Comi G, Filippi M, Trojano M, Amato MP. 2022 Mar 16;13524585221079598. doi: 10.1177/13524585221079598. Epub ahead of print. PMID: 35296189.
2. Walking With Horizontal Head Turns Is Impaired in Persons With Early-Stage Multiple Sclerosis Showing Normal Locomotion. *Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Brichetto G, Confalonieri P, Solaro C, Rovaris M, Ferrarin M, Cattaneo D. Front Neurol.* 2022 Jan 28;12:821640. doi: 10.3389/fneur.2021.821640. PMID: 35153994; PMCID: PMC8833075.
3. Contribution of Rare and Low-Frequency Variants to Multiple Sclerosis Susceptibility in the Italian Continental Population. *Clarelli F, Barizzone N, Mangano E, Zuccalà M, Basagni C, Anand S, Sorosina M, Mascia E, Santoro S; PROGEMUS; PROGRESSO, Guerini FR, Virgilio E, Gallo A, Pizzino A, Comi C, Martinelli V, Comi G, De Bellis G, Leone M, Filippi M, Esposito F, Bordoni R, Martinelli Boneschi F, D'Alfonso S. Front Genet.* 2022 Jan 3;12:800262. doi: 10.3389/fgene.2021.800262. PMID: 35047017; PMCID: PMC8762330.
4. Constraint-induced movement therapy for upper limb rehabilitation in multiple sclerosis. *Grange E, Ferriero G, Dileo L, Solaro C. Eur J Phys Rehabil Med.* 2022 Jan 5. doi: 10.23736/S1973-9087.22.07025-3. Online ahead of print. PMID: 34985238

5. Signs and symptoms of COVID-19 in patients with multiple sclerosis. Schiavetti I, Carmisciano L, Ponzano M, Cordioli C, Cocco E, Marfia GA, Inglese M, Filippi M, Radaelli M, Bergamaschi R, Immovilli P, Capobianco M, De Rossi N, Bricchetto G, Scandellari C, Cavalla P, Pesci I, Confalonieri P, Perini P, Trojano M, Lanzillo R, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M, Sormani MP; MuSC-19 Study Group. *Eur J Neurol.* 2022 Dec;29(12):3728-3736. doi: 10.1111/ene.15554. Epub 2022 Sep 23. PMID: 36086905; PMCID: PMC9538224
6. The effect of air pollution on COVID-19 severity in a sample of patients with multiple sclerosis. Bergamaschi R, Ponzano M, Schiavetti I, Carmisciano L, Cordioli C, Filippi M, Radaelli M, Immovilli P, Capobianco M, De Rossi N, Bricchetto G, Cocco E, Scandellari C, Cavalla P, Pesci I, Zito A, Confalonieri P, Marfia GA, Perini P, Inglese M, Trojano M, Brescia Morra V, Pisoni E, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M, Sormani MP; MuSC-19 study group. *Eur J Neurol.* 2022 Feb;29(2):535-542. doi: 10.1111/ene.15167. Epub 2021 Nov 15. PMID: 34735749; PMCID: PMC8652772.
7. Guillain-Barré Syndrome Related and Unrelated to COVID-19: Clinical Follow-Up in the COVID-19 Masuccio FG, Solaro C., Tipa, V, Invernizzi, M, Solaro C. *Phys Ther.* 2022; 1093:pzac049. *Phys Ther.* 2022 Sep 27:pzac126. doi: 10.1093/ptj/pzac126. Epub ahead of print. PMID: 36165633; PMCID: PMC9619436.
8. Effectiveness of robot-assisted arm therapy in stroke rehabilitation: An overview of systematic reviews. Straudi S, Baluardo L, Arienti C, Bozzolan M, Lazzarini SG, Agostini M, Aprile I, Paci M, Casanova E, Marino D, La Rosa G, Bressi F, Sterzi S, Giansanti D, Perrero L, Battistini A, Miccinilli S, Filoni S, Sicari M, Petrozzino S, Solaro CM, Gargano S, Benanti P, Boldrini P, Bonaiuti D, Castelli E, Draicchio F, Falabella V, Galeri S, Gimigliano F, Grigioni M, Mazzoleni S, Mazzon S, Molteni F, Petrarca M, Picelli A, Posteraro F, Senatore M, Turchetti G, Morone G; Working group upper limb "CICERONE" Italian Consensus Conference on Robotic in Neurorehabilitation. *NeuroRehabilitation.* 2022;51(4):559-576. doi: 10.3233/NRE-220027. PMID: 36530097.
9. Effects of robotic upper limb treatment after stroke on cognitive patterns: A systematic review. Bressi F, Cricenti L, Campagnola B, Bravi M, Miccinilli S, Santacaterina F, Sterzi S, Straudi S, Agostini M, Paci M, Casanova E, Marino D, La Rosa G, Giansanti D, Perrero L, Battistini A, Filoni S, Sicari M, Petrozzino S, Solaro CM, Gargano S, Benanti P, Boldrini P, Bonaiuti D, Castelli E, Draicchio F, Falabella V, Galeri S, Gimigliano F, Grigioni M, Mazzoleni S, Mazzon S, Molteni F, Petrarca M, Picelli A, Posteraro F, Senatore M, Turchetti G, Morone G, Gallotti M, Germanotta M, Aprile I; Working Group Upper Limb "CICERONE" Italian Consensus Conference On Robotic In Neurorehabilitation. *NeuroRehabilitation.* 2022;51(4):541-558. doi: 10.3233/NRE-220149. PMID: 36530099; PMCID: PMC9837692.
10. Confirmed disability progression as a marker of permanent disability in multiple sclerosis. Sharmin S, Bovis F, Malpas C, Horakova D, Havrdova EK, Izquierdo G, Eichau S, Trojano M, Prat A, Girard M, Duquette P, Onofrj M, Lugaresi A, Grand'Maison F, Grammond P, Sola P, Ferraro D, Terzi M, Gerlach O, Alroughani R, Boz C, Shaygannejad V, van Pesch V, Cartechini E, Kappos L, Lechner-Scott J, Bergamaschi R, Turkoglu R, Solaro C, Iuliano G, Granella F, Van Wijmeersch B, Spitaleri D, Slee M, McCombe P, Prevost J, Ampapa R, Ozakbas S, Sanchez-Menoyo JL, Soysal A, Vucic S, Petersen T, de Gans K, Butler E, Hodgkinson S, Sidhom Y, Gouider R, Cristiano E, Castillo-Triviño T, Saladino ML, Barnett M, Moore F, Rozsa C, Yamout B, Skibina O, van der Walt A, Buzzard K, Gray O, Hughes S, Sempere AP, Singhal B, Fragoso Y, Shaw C, Kermode A, Taylor B, Simo M, Shuey N, Al-Harbi T, Macdonell R, Dominguez JA, Csepany T, Sirbu CA, Sormani MP, Butzkueven H, Kalincik T. *Eur J Neurol.* 2022 Aug;29(8):2321-2334. doi: 10.1111/ene.15406. Epub 2022 Jun 9. PMID: 35582938; PMCID: PMC9539581.

11. Correction to: A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. Sorosina M, Barizzone N, Clarelli F, Anand S, Lupoli S, Salvi E, Mangano E, Bordoni R, Roostaei T, Mascia E, Zuccalà M, Vecchio D, Cavalla P, Santoro S, Ferrè L, Zollo A; PROGEMUS; Barlassina C, Cusi D, Martinelli V, Comi G, Leone M, Filippi M, Patsopoulos NA, De Jager PL, De Bellis G, Esposito F, D'Alfonso S, Martinelli Boneschi F. *J Neurol.* 2022 Aug;269(8):4523-4524. doi: 10.1007/s00415-022-11216-6. Erratum for: *J Neurol.* 2022 Aug;269(8):4510-4522. PMID: 35751689; PMCID: PMC9293808.
12. Acute Thermoregulatory and Cardiovascular Response to Submaximal Exercise in People With Multiple Sclerosis. Gervasoni E, Bertoni R, Anastasi D, Solaro C, Di Giovanni R, Grange E, Gunga HC, Rovaris M, Cattaneo D, Maggioni MA, Merati G. *Front Immunol.* 2022 Jul 6;13:842269. doi: 10.3389/fimmu.2022.842269. PMID: 35874684; PMCID: PMC9296825.
13. Physical activity in non-disabled people with early multiple sclerosis: A multicenter cross-sectional study. Gervasoni E, Anastasi D, Di Giovanni R, Solaro C, Rovaris M, Bricchetto G, Carpinella I, Confalonieri P, Tacchino A, Rabuffetti M, Cattaneo D. *Mult Scler Relat Disord.* 2022 Aug;64:103941. doi: 10.1016/j.msard.2022.103941. Epub 2022 Jun 6. PMID: 35691235.
14. Guillain-Barré Syndrome Related and Unrelated to COVID-19: Clinical Follow-Up in the COVID-19 Era. Masuccio FG, Tipa V, Invernizzi M, Solaro C. *Phys Ther.* 2022 Jun 3;102(6):pzac049. doi: 10.1093/ptj/pzac049. PMID: 35511731; PMCID: PMC9129192.
15. Correction to: Management of hepatitis B virus prophylaxis in patients treated with disease-modifying therapies for multiple sclerosis: a multicentric Italian retrospective study. Buonomo AR, Viceconte G, Calabrese M, De Luca G, Tomassini V, Cavalla P, Maniscalco GT, Ferraro D, Nociti V, Radaelli M, Buscarinu MC, Paolicelli D, Gajofatto A, Annovazzi P, Pinardi F, Di Filippo M, Cordioli C, Zappulo E, Scotto R, Gentile I, Spiezia AL, Petruzzo M, De Angelis M, Morra VB, Solaro C, Gasperini C, Cocco E, Moccia M, Lanzillo R; Raising Italian Researchers in Multiple Sclerosis (RIREMS) study group. *J Neurol.* 2022 Jun;269(6):3308-3309. doi: 10.1007/s00415-022-11066-2. Erratum for: *J Neurol.* 2022 Jun;269(6):3301-3307. PMID: 35377015; PMCID: PMC9119876.
16. Balance Impairments in People with Early-Stage Multiple Sclerosis: Boosting the Integration of Instrumented Assessment in Clinical Practice. Carpinella I, Anastasi D, Gervasoni E, Di Giovanni R, Tacchino A, Bricchetto G, Confalonieri P, Rovaris M, Solaro C, Ferrarin M, Cattaneo D. *Sensors (Basel).* 2022 Dec 6;22(23):9558. doi: 10.3390/s22239558. PMID: 36502265; PMCID: PMC9736931.
17. Upper Limb Sensory-Motor Control During Exposure to Different Mechanical Environments in Multiple Sclerosis Subjects With No Clinical Disability. Pierella C, Pellegrino L, Muller M, Inglese M, Solaro C, Coscia M, Casadio M. *Front Neurobot.* 2022 Jul 11;16:920118. doi: 10.3389/fnbot.2022.920118. PMID: 35898562; PMCID: PMC9309790.
18. Management of hepatitis B virus prophylaxis in patients treated with disease-modifying therapies for multiple sclerosis: a multicentric Italian retrospective study. Buonomo AR, Viceconte G, Calabrese M, De Luca G, Tomassini V, Cavalla P, Maniscalco GT, Ferraro D, Nociti V, Radaelli M, Buscarinu MC, Paolicelli D, Gajofatto A, Annovazzi P, Pinardi F, Di Filippo M, Cordioli C, Zappulo E, Scotto R, Gentile I, Spiezia AL, Petruzzo M, De Angelis M, Brescia Morra V, Solaro C, Gasperini C, Cocco E, Moccia M, Lanzillo R; Raising Italian Researchers in Multiple Sclerosis (RIREMS) study group. *J Neurol.* 2022 Jun;269(6):3301-3307. doi: 10.1007/s00415-022-11009-x. Epub 2022 Feb 14. Erratum in: *J Neurol.* 2022 Apr 4;: PMID: 35165767; PMCID: PMC9119877.
19. Previously independent patients with mild-symptomatic COVID-19 are at high risk of developing cognitive impairment but not depression or anxiety. Gamberini G, Masuccio FG, Cerrato M, Strazzacappa M,

- Ferraro D, Solaro C. *J Affect Disord*. 2023 Mar 1;324:645-651. doi: 10.1016/j.jad.2022.12.100. Epub 2023 Jan 5. PMID: 36610599; PMCID: PMC9812466.
20. Aging with multiple sclerosis: Clinical characterization of an elderly population, a cross-sectional study. Michelis D, Brunetti N, Solaro C, Mancardi GL, Uccelli A, Inglese M, Laroni A. *Mult Scler Relat Disord*. 2023 Jan;69:104464. doi: 10.1016/j.msard.2022.104464. Epub 2022 Dec 9. PMID: 36521384.
  21. Upper Limb Robotic Rehabilitation for Patients with Cervical Spinal Cord Injury: A Comprehensive Review. Morone G, de Sire A, Martino Cinnera A, Paci M, Perrero L, Invernizzi M, Lippi L, Agostini M, Aprile I, Casanova E, Marino D, La Rosa G, Bressi F, Sterzi S, Giansanti D, Battistini A, Miccinilli S, Filoni S, Sicari M, Petrozzino S, **Solaro CM**, Gargano S, Benanti P, Boldrini P, Bonaiuti D, Castelli E, Draicchio F, Falabella V, Galeri S, Gimigliano F, Grigioni M, Mazzoleni S, Mazzon S, Molteni F, Petrarca M, Picelli A, Gandolfi M, Posteraro F, Senatore M, Turchetti G, Straudi S. *Brain Sci*. 2021 Dec 10;11(12):1630. doi: 10.3390/brainsci11121630. PMID: 34942935
  22. Guillain-Barré syndrome following COVID-19 vaccine mRNA-1273: a case report. Masuccio FG, Comi C, **Solaro C**. *Acta Neurol Belg*. 2021 Nov 12:1-3. doi: 10.1007/s13760-021-01838-4. Online ahead of print. PMID: 34767184de
  23. COVID-19 Severity in Multiple Sclerosis: Putting Data Into Context. Sormani MP, Schiavetti I, Carmisciano L, Cordioli C, Filippi M, Radaelli M, Immovilli P, Capobianco M, De Rossi N, Bricchetto G, Cocco E, Scandellari C, Cavalla P, Pesci I, Zito A, Confalonieri P, Marfia GA, Perini P, Inglese M, Trojano M, Brescia Morra V, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M; **MuSC-19 Study Group**. *Neurol Neuroimmunol Neuroinflamm*. 2021 Nov 9;9(1):e1105. doi: 10.1212/NXI.0000000000001105. Print 2022 Jan. PMID: 34753829
  24. Corrigendum to Longitudinal machine learning modeling of MS patient trajectories improves predictions of disability progression: [Computer Methods and Programs in Biomedicine, Volume 208, (September 2021) 106180]. De Brouwer E, Becker T, Moreau Y, Havrdova EK, Trojano M, Eichau S, Ozakbas S, Onofrij M, Grammond P, Kuhle J, Kappos L, Sola P, Cartechini E, Lechner-Scott J, Alroughani R, Gerlach O, Kalincik T, Granella F, Grand'Maison F, Bergamaschi R, Sá MJ, Van Wijmeersch B, Soysal A, Sanchez-Menoyo JL, **Solaro C**, Boz C, Iuliano G, Buzzard K, Aguera-Morales E, Terzi M, Trivio TC, Spitaleri D, Van Pesch V, Shaygannejad V, Moore F, Oreja-Guevara C, Maimone D, Gouider R, Csepany T, Ramo-Tello C, Peeters L. *Comput Methods Programs Biomed*. 2022 Jan;213:106479. doi: 10.1016/j.cmpb.2021.106479. Epub 2021 Nov 5. PMID: 3474924
  25. mRNA COVID-19 vaccines do not increase the short-term risk of clinical relapses in multiple sclerosis. Di Filippo M, Cordioli C, Malucchi S, Annovazzi P, Cavalla P, Torri Clerici V, Ragonese P, Nociti V, Radaelli M, Laroni A, Buttari F, Loreface L, Ferraro D, Gajofatto A, Prosperini L, Fantozzi R, Boffa L, Lanzillo R, Moccia M, Clerico M, De Luca G, Tomassini V, Calabrese M, Borrelli A, Paolicelli D, Maniscalco GT, Gazzola P, Gallo A, **Solaro C**, Cocco E, Gasperini C, Tortorella C; RIREMS (Rising Researchers in MS) group. *J Neurol Neurosurg Psychiatry*. 2021 Aug 18;jnnp-2021-327200. doi: 10.1136/jnnp-2021-327200. Online ahead of print. PMID: 34408003
  26. Cognitive impairment in young COVID-19 patients: the tip of the iceberg? **Solaro C**, Gamberini G, Masuccio FG. *Neurol Sci*. 2021 Dec;42(12):4865-4866. doi: 10.1007/s10072-021-05534-2. Epub 2021 Aug 17. PMID: 34403027
  27. Study protocol on advance care planning in multiple sclerosis (ConCure-SM): intervention construction and

- multicentre feasibility trial. De Panfilis L, Veronese S, Bruzzone M, Cascioli M, Gajofatto A, Grasso MG, Kruger P, Lugaresi A, Manson L, Montepietra S, Patti F, Pucci E, **Solaro C**, Giordano A, Solari A. *BMJ Open*. 2021 Aug 13;11(8):e052012. doi: 10.1136/bmjopen-2021-052012. PMID: 34389580
28. Genomic and functional evaluation of TNFSF14 in multiple sclerosis susceptibility. Zuccalà M, Barizzone N, Boggio E, Gigliotti L, Sorosina M, Basagni C, Bordoni R, Clarelli F, Anand S, Mangano E, Vecchio D, Corsetti E, Martire S, Perga S, Ferrante D, Gajofatto A, Ivashynka A, **Solaro C**, Cantello R, Martinelli V, Comi G, Filippi M, Esposito F, Leone M, De Bellis G, Dianzani U, Martinelli-Boneschi F, D'Alfonso S. *J Genet Genomics*. 2021 Jun 20;48(6):497-507. doi: 10.1016/j.jgg.2021.03.017. Epub 2021 May 25. PMID: 34353742
29. SARS-CoV-2 serology after COVID-19 in multiple sclerosis: An international cohort study. Sormani MP, Schiavetti I, Landi D, Carmisciano L, De Rossi N, Cordioli C, Moiola L, Radaelli M, Immovilli P, Capobianco M, Brescia Morra V, Trojano M, Tedeschi G, Comi G, Battaglia MA, Patti F, Fragoso YD, Sen S, Siva A, Furlan R, Salvetti M; **MuSC-19 Study Group**. *Mult Scler*. 2021 Jul 30;13524585211035318. doi: 10.1177/13524585211035318. Online ahead of print. PMID: 34328824
30. Italian translation and psychometric validation of the ABILHAND-26 and its correlation with upper limb objective and subjective measures in multiple sclerosis subjects. Grange E, Marengo D, Di Giovanni R, Mueller M, Bricchetto G, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, **Solaro C**. *Mult Scler Relat Disord*. 2021 Oct;55:103160. doi: 10.1016/j.msard.2021.103160. Epub 2021 Jul 21. PMID: 34320388
31. Spasticity, spastic dystonia, and static stretch reflex in hypertonic muscles of patients with multiple sclerosis. Puce L, Currà A, Marinelli L, Mori L, Capello E, Di Giovanni R, Bodrero M, **Solaro C**, Cotellessa F, Fattapposta F, Trompetto C. *Clin Neurophysiol Pract*. 2021 Jun 16;6:194-202. doi: 10.1016/j.cnp.2021.05.002. eCollection 2021. PMID: 34278056
32. From DYMUS to DYPARK: Validation of a Screening Questionnaire for Dysphagia in Parkinson's Disease. Dagna C, Avenali M, De Icco R, Gandolfi M, **Solaro C**, Restivo D, Bartolo M, Meneghello F, Sandrini G, Tassorelli C; DYPARK SIRM Group. *Dysphagia*. 2021 Jul 15. doi: 10.1007/s00455-021-10332-1. Online ahead of print. PMID: 34264379
33. Efficacy of kinesio taping on hand functioning in patients with mild carpal tunnel syndrome. A double-blind randomized controlled trial. de Sire A, Curci C, Ferrara M, Losco L, Spalek R, Cisari C, Invernizzi M, **Solaro C**. *J Hand Ther*. 2021 Apr 14:S0894-1130(21)00058-2. doi: 10.1016/j.jht.2021.04.011. Online ahead of print. PMID: 34256988
34. DMTs and Covid-19 severity in MS: a pooled analysis from Italy and France. Sormani MP, Salvetti M, Labauge P, Schiavetti I, Zephir H, Carmisciano L, Bensa C, De Rossi N, Pelletier J, Cordioli C, Vukusic S, Moiola L, Kerschen P, Radaelli M, Théaudin M, Immovilli P, Casez O, Capobianco M, Ciron J, Trojano M, Stankoff B, Créange A, Tedeschi G, Clavelou P, Comi G, Thouvenot E, Battaglia MA, Moreau T, Patti F, De Sèze J, Louapre C; **Musc-19**; Covisep study groups. *Ann Clin Transl Neurol*. 2021 Aug;8(8):1738-1744. doi: 10.1002/acn3.51408. Epub 2021 Jul 7. PMID: 34240579
35. PML risk is the main factor driving the choice of discontinuing natalizumab in a large multiple sclerosis population: results from an Italian multicenter retrospective study. Chisari CG, Comi G, Filippi M, Paolicelli D, Iaffaldano P, Zaffaroni M, Brescia Morra V, Cocco E, Marfia GA, Grimaldi LM, Inglese M, Bonavita S, Lugaresi A, Salemi G, De Luca G, Cottone S, Conte A, Sola P, Aguglia U, Maniscalco GT,

Gasperini C, Ferrò MT, Pesci I, Amato MP, Rovaris M, **Solaro C**, Lus G, Maimone D, Bergamaschi R, Granella F, Di Sapio A, Bertolotto A, Totaro R, Vianello M, Cavalla P, Bellantonio P, Lepore V, Patti F; Italian MS Register Study Group. *J Neurol*. 2021 Jun 28. doi: 10.1007/s00415-021-10676-6. Online ahead of print. PMID: 34181077

36. Longitudinal machine learning modeling of MS patient trajectories improves predictions of disability progression. De Brouwer E, Becker T, Moreau Y, Havrdova EK, Trojano M, Eichau S, Ozakbas S, Onofrj M, Grammond P, Kuhle J, Kappos L, Sola P, Cartechini E, Lechner-Scott J, Alroughani R, Gerlach O, Kalincik T, Granella F, Grand'Maison F, Bergamaschi R, José Sá M, Van Wijmeersch B, Soysal A, Sanchez-Menoyo JL, **Solaro C**, Boz C, Iuliano G, Buzzard K, Aguera-Morales E, Terzi M, Trivio TC, Spitaleri D, Van Pesch V, Shaygannejad V, Moore F, Oreja-Guevara C, Maimone D, Gouider R, Csepany T, Ramo-Tello C, Peeters L. *Comput Methods Programs Biomed*. 2021 Sep;208:106180. doi: 10.1016/j.cmpb.2021.106180. Epub 2021 May 18. PMID: 34146771
37. Pregnancy in multiple sclerosis women with relapses in the year before conception increases the risk of long-term disability worsening. Portaccio E, Tudisco L, Pastò L, Razzolini L, Fonderico M, Bellinvia A, Ghezzi A, Annovazzi P, Zaffaroni M, Moiola L, Martinelli V, Chisari CG, Patti F, Mancardi G, Pozzilli C, De Giglio L, Totaro R, Lugaresi A, Di Tommaso V, Paolicelli D, Cocco E, Marrosu MG, Comi G, Filippi M, Trojano M, Amato MP; **MS Study Group of the Italian Neurological Society**. *Mult Scler*. 2021 Jun 16:13524585211023365. doi: 10.1177/13524585211023365. Online ahead of print. PMID: 34132146
38. Robot-assisted arm therapy in neurological health conditions: rationale and methodology for the evidence synthesis in the CICERONE Italian Consensus Conference. Gimigliano F, Palomba A, Arienti C, Morone G, Perrero L, Agostini M, Aprile I, Paci M, Casanova E, Marino D, LA Rosa G, Bressi F, Sterzi S, Giansanti D, Battistini A, Miccinilli S, Filoni S, Sicari M, Petrozzino S, **Solaro CM**, Gargano S, Benanti P, Boldrini P, Bonaiuti D, Castelli E, Draicchio F, Falabella V, Galeri S, Grigioni M, Mazzoleni S, Mazzon S, Molteni F, Petrarca M, Picelli A, Posteraro F, Senatore M, Turchetti G, Straudi S; Italian Consensus Conference on Robotics in Neurorehabilitation (CICERONE). *Eur J Phys Rehabil Med*. 2021 Oct;57(5):824-830. doi: 10.23736/S1973-9087.21.07011-8. Epub 2021 Jun 15. PMID: 34128606
39. The effectiveness of natalizumab vs fingolimod-A comparison of international registry studies. Andersen JB, Sharmin S, Lefort M, Koch-Henriksen N, Sellebjerg F, Sørensen PS, Hilt Christensen CC, Rasmussen PV, Jensen MB, Frederiksen JL, Bramow S, Mathiesen HK, Schreiber KI, Horakova D, Havrdova EK, Alroughani R, Izquierdo G, Eichau S, Ozakbas S, Patti F, Onofrj M, Lugaresi A, Terzi M, Grammond P, Grand Maison F, Yamout B, Prat A, Girard M, Duquette P, Boz C, Trojano M, McCombe P, Slee M, Lechner-Scott J, Turkoglu R, Sola P, Ferraro D, Granella F, Shaygannejad V, Prevost J, Skibina O, **Solaro C**, Karabudak R, Wijmeersch BV, Csepany T, Spitaleri D, Vucic S, Casey R, Debouverie M, Edan G, Ciron J, Ruet A, Sèze JD, Maillart E, Zephir H, Labauge P, Defer G, Lebrun C, Moreau T, Berger E, Clavelou P, Pelletier J, Stankoff B, Gout O, Thouvenot E, Heinzlef O, Al-Khedr A, Bourre B, Casez O, Cabre P, Montcuquet A, Wahab A, Camdessanché JP, Marousset A, Patry I, Hankiewicz K, Pottier C, Maubeuge N, Labeyrie C, Nifle C, Leray E, Laplaud DA, Butzkueven H, Kalincik T, Vukusic S, Magyari M. *Mult Scler Relat Disord*. 2021 Aug;53:103012. doi: 10.1016/j.msard.2021.103012. Epub 2021 May 8. PMID: 34116480.
40. A comparison of upper limb function in subjects with multiple sclerosis and healthy controls using an inertial measurement unit. Di Giovanni R, **Solaro C**, Grange E, Masuccio FG, Bricchetto G, Mueller M, Tacchino A. *Mult Scler Relat Disord*. 2021 Aug;53:103036. doi: 10.1016/j.msard.2021.103036. Epub



2021 May 23. PMID: 34051695

41. Instrumentally assessed gait quality is more relevant than gait endurance and velocity to explain patient-reported walking ability in early stage Multiple Sclerosis. Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Brichetto G, Confalonieri P, Rovaris M, **Solaro C**, Ferrarin M, Cattaneo D. *Eur J Neurol*. 2021 Apr 17. doi: 10.1111/ene.14866. Online ahead of print.
42. A multicenter survey on access to care in Multiple Sclerosis-related trigeminal neuralgia. Ferraro D, Annovazzi P, Lanzillo R, Calabrese M, Fantozzi R, De Luca G, Cordioli C, Paolicelli D, Ragonese P, Gajofatto A, Lo Fermo S, Cavalla P, Tortorella C, Pesci I, Gallo A, Pinardi F, Di Filippo M, Maniscalco GT, Nociti V, Radaelli M, Tomassini V, Buscarinu MC, Moccia M, Camera V, Cocco E, Gasperini C, **Solaro C**. *J Neurol Sci*. 2021 Mar 27;424:117430. doi: 10.1016/j.jns.2021.117430.
43. Risk of requiring a wheelchair in primary progressive multiple sclerosis: Data from the ORATORIO trial and the MSBase registry. Butzkueven H, Spelman T, Horakova D, Hughes S, **Solaro C**, Izquierdo G, Kubala Havrdová E, Grand'Maison F, Prat A, Girard M, Hupperts R, Onofrj M, Lugaresi A, Taylor B; MSBase Study Group, Giovannoni G, Kappos L, Hauser SL, Montalban X, Craveiro L, Freitas R, Model F, Overell J, Muros-Le Rouzic E, Sauter A, Wang Q, Wormser D, Wolinsky JS. *Eur J Neurol*. 2021 Mar 16. doi: 10.1111/ene.14824. Online ahead of print.
44. Safety and efficacy of vortioxetine on depressive symptoms and cognition in post-stroke patients: a pilot study. Gamberini G, Masuccio FG, Ferriero G, Cattaneo D, **Solaro C**. *J Affect Disord*. 2021 Mar 4;286:108-109. doi: 10.1016/j.jad.2021.02.075. Online ahead of print. PMID: 33714170 No abstract available.
45. Civardi C, **Solaro C**, Geda C, Masuccio FG. Person-in-the-barrel syndrome: a new type of epilepsy-related injury. *Neurol Sci*. 2021 Feb 27. doi: 10.1007/s10072-021-05144-y. Online ahead of print. PMID: 33641050 No abstract available.
46. Morone G, Palomba A, Martino Cinnera A, Agostini M, Aprile I, Arienti C, Paci M, Casanova E, Marino D, LA Rosa G, Bressi F, Sterzi S, Gandolfi M, Giansanti D, Perrero L, Battistini A, Miccinilli S, Filoni S, Sicari M, Petrozzino S, **Solaro CM**, Gargano S, Benanti P, Boldrini P, Bonaiuti D, Castelli E, Draicchio F, Falabella V, Galeri S, Gimigliano F, Grigioni M, Mazzoleni S, Mazzon S, Molteni F, Petrarca M, Picelli A, Posteraro F, Senatore M, Turchetti G, Straudi S; "CICERONE" Italian Consensus Conference on Robotic in Neurorehabilitation. Systematic review of guidelines to identify recommendations for upper limb robotic rehabilitation after stroke. *Eur J Phys Rehabil Med*. 2021 Jan 25. doi: 10.23736/S1973-9087.21.06625-9. Online ahead of print. PMID: 33491943 Free article.
47. Sormani MP, De Rossi N, Schiavetti I, Carmisciano L, Cordioli C, Moiola L, Radaelli M, Immovilli P, Capobianco M, Trojano M, Zaratini P, Tedeschi G, Comi G, Battaglia MA, Patti F, Salvetti M; **Musc-19 Study Group**. Disease-Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. *Ann Neurol*. 2021 Jan 21. doi: 10.1002/ana.26028. Online ahead of print. PMID: 33480077
48. Cattaneo D, Gervasoni E, Anastasi D, Giovanni RD, Brichetto G, Carpinella I, Cavalla P, Confalonieri P, Groppo E, Prosperini L, Tacchino A, Rovaris M, **Solaro C**. Prevalence and patterns of subclinical motor and cognitive impairments in non-disabled individuals with early multiple sclerosis: a multicenter cross-sectional study. *Ann Phys Rehabil Med*. 2021 Jan 14:101491. doi: 10.1016/j.rehab.2021.101491. Online ahead of print. PMID: 33454397

49. Masuccio FG, Gamberini G, Calabrese M, **Solaro C**. Imaging and depression in multiple sclerosis: a historical perspective. *Neurol Sci*. 2021 Mar;42(3):835-845. doi: 10.1007/s10072-020-04951-z. Epub 2021 Jan 7. PMID: 33411192 Review.
50. Di Gregorio M, Torri Clerici VLA, Fenu G, Gaetani L, Gallo A, Cavalla P, Ragonese P, Annovazzi P, Gajofatto A, Prosperini L, Landi D, Nicoletti CG, Di Carmine C, Totaro R, Nociti V, De Fino C, Ferraro D, Tomassini V, Tortorella C, Righini I, Amato MP, Manni A, Paolicelli D, Iaffaldano P, Lanzillo R, Moccia M, Buttari F, Fantozzi R, Cerqua R, Zagaglia S, Farina D, De Luca G, Buscarinu MC, Pinardi F, Cocco E, Gasperini C, **Solaro CM**, Di Filippo M. Defining the course of tumefactive multiple sclerosis: A large retrospective multicentre study. *Eur J Neurol*. 2021 Apr;28(4):1299-1307. doi: 10.1111/ene.14672. Epub 2021 Jan 12. PMID: 33305459
51. Masuccio FG, Lo Re M, Bertolotto A, Capobianco M, **Solaro C**. Benign SARS-CoV-2 infection in MOG-antibodies associated disorder during tocilizumab treatment. *Mult Scler Relat Disord*. 2020 Nov;46:102592. doi: 10.1016/j.msard.2020.102592. Epub 2020 Oct 21. PMID: 33296987 Free PMC article.
52. Lepore V, Bosetti C, Santucci C, Iaffaldano P, Trojano M, Mosconi P; **Italian Multiple Sclerosis Register Centers Group**, the Scientific Committee of Italian SM Register. Detection of disability worsening in relapsing-remitting multiple sclerosis patients: a real-world roving Expanded Disability Status Scale reference analysis from the Italian Multiple Sclerosis Register. *Eur J Neurol*. 2021 Feb;28(2):567-578. doi: 10.1111/ene.14589. Epub 2020 Nov 6. PMID: 33058344
53. Bovis F, Kalincik T, Lublin F, Cutter G, Malpas C, Horakova D, Havrdova EK, Trojano M, Prat A, Girard M, Duquette P, Onofrj M, Lugaresi A, Izquierdo G, Eichau S, Patti F, Terzi M, Grammond P, Bergamaschi R, Sola P, Ferraro D, Ozakbas S, Iuliano G, Boz C, Hupperts R, Grand'Maison F, Oreja-Guevara C, van Pesch V, Cartechini E, Petersen T, Altintas A, Soysal A, Ramo-Tello C, McCombe P, Turkoglu R, Butzkueven H, Wolinsky JS, **Solaro C**, Sormani MP. Treatment response score to glatiramer acetate or interferon beta-1a. *Neurology*. 2020 Oct 6:10.1212/WNL.000000000010991. doi: 10.1212/WNL.000000000010991. Epub ahead of print. PMID: 33024022.
54. Roos I, Leray E, Frascoli F, Casey R, Brown JW, Horakova D, Havrdova EK, Trojano M, Patti F, Izquierdo G, Eichau S, Onofrj M, Lugaresi A, Prat A, Girard M, Grammond P, Sola P, Ferraro D, Ozakbas S, Bergamaschi R, Sá MJ, Cartechini E, Boz C, Granella F, Hupperts R, Terzi M, Lechner-Scott J, Spitaleri D, Van Pesch V, Soysal A, Olascoaga J, Prevost J, Aguera-Morales E, Slee M, Csepany T, Turkoglu R, Sidhom Y, Gouider R, Van Wijmeersch B, McCombe P, Macdonell R, Coles A, Malpas CB, Butzkueven H, Vukusic S, Kalincik T; MSBase; **OFSEP investigators**. Delay from treatment start to full effect of immunotherapies for multiple sclerosis. *Brain*. 2020 Sep 1;143(9):2742-2756.
55. Beltrame R, Ronconi G, Ferrara PE, Salgovic L, Vercelli S, **Solaro C**, Ferriero G. Capacitive and resistive electric transfer therapy in rehabilitation: a systematic review. *Int J Rehabil Res*. 2020 Sep 7. doi: 10.1097/MRR.0000000000000435. Epub ahead of print. PMID: 32909988.
56. Yilmazer C, Lamers I, **Solaro C**, Feys P. Clinical perspective on pain in multiple sclerosis. *Mult Scler*. 2020 Sep 3:1352458520952015. doi: 10.1177/1352458520952015. Epub ahead of print. PMID: 32880515.
57. Novi G, Bovis F, Fabbri S, Tazza F, Gazzola P, Maietta I, Currò D, Bruschi N, Roccatagliata L, Boffa G, Lapucci

- C, Pesce G, Cellerino M, **Solaro C**, Laroni A, Capello E, Mancardi G, Sormani M, Inglese M, Uccelli A. Tailoring B cell depletion therapy in MS according to memory B cell monitoring. *Neurol Neuroimmunol Neuroinflamm*. 2020 Aug 4;7(5):e845.
58. **Solaro C**, Grange E, Di Giovanni R, Cattaneo D, Bertoni R, Prosperini L, Messmer Uccelli M, Marengo D. Nine Hole Peg Test asymmetry in refining upper limb assessment in multiple sclerosis. *Mult Scler Relat Disord*. 2020 Jul 24;45:102422.
59. Chisari CG, **Solaro C**, Annunziata P, Bergamaschi R, Bianco A, Bonavita S, Brescia Morra V, Bruno Bossio R, Capello E, Castelli L, Cavalla P, Costantino G, Centonze D, Cottone S, Danni MC, Esposito F, Gajofatto A, Gasperini C, Guareschi A, Lanzillo R, Lus G, Maniscalco GT, Matta M, Paolicelli D, Petrucci L, Pontecorvo S, Righini I, Rovaris M, Sessa E, Spinicci G, Spitaleri D, Valentino P, Zaffaroni M, Zappia M, Patti F. Nabiximols discontinuation rate in a large population of patients with multiple sclerosis: a 18-month multicentre study. *J Neurol Neurosurg Psychiatry*. 2020 Jul 13:jnnp-2019-322480. doi: 10.1136/jnnp-2019-322480. Online ahead of print. PMID: 32661083
60. Moccia M, Annovazzi P, Buscarinu MC, Calabrese M, Cavalla P, Cordioli C, Di Filippo M, Ferraro D, Gajofatto A, Gallo A, Lanzillo R, Laroni A, Loreface L, Mallucchi S, Nociti V, Paolicelli D, Pinardi F, Prosperini L, Radaelli M, Ragonese P, Tomassini V, Tortorella C, Cocco E, Gasperini C, **Solaro C**. Harmonization of real-world studies in multiple sclerosis: Retrospective analysis from the rirems group. *Mult Scler Relat Disord*. 2020 Jul 12;45:102394. doi: 10.1016/j.msard.2020.102394. Online ahead of print. PMID: 32683308
61. **Solaro C**, Di Giovanni R, Grange E, Mueller M, Messmer Uccelli M, Bertoni R, Bricchetto G, Tacchino A, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. Box and Block Test, Hand Grip Strength, and 9-Hole Peg Test: Correlations between Three Upper Limb Objective Measures in Multiple Sclerosis. *Eur J Neurol*. 2020 Jul 3. doi: 10.1111/ene.14427. Online ahead of print. PMID: 32619066
62. de Sire A, Giachero A, De Santi S, Inglese K, **Solaro C**. Screening dysphagia risk in 534 older patients undergoing rehabilitation after total joint replacement. A cross-sectional study. *Eur J Phys Rehabil Med*. 2020 Jun 26. doi: 10.23736/S1973-9087.20.06321-2. PMID: 32594668
63. **Solaro C**, de Sire A, Messmer Uccelli M, Mueller M, Bergamaschi R, Gasperini C, Restivo DA, Stabile MR, Patti F. Efficacy of levetiracetam on upper limb movement in multiple sclerosis patients with cerebellar signs: a multicenter double-blind, placebo-controlled, crossover study. *Eur J Neurol*. 2020 Jun 17. doi: 10.1111/ene.14403. Online ahead of print. PMID: 32558044
64. Prosperini L, Tomassini V, Castelli L, Tacchino A, Bricchetto G, Cattaneo D, **Solaro CM**. Exergames for balance dysfunction in neurological disability: a meta-analysis with meta-regression. *J Neurol*. 2020 May 23. doi: 10.1007/s00415-020-09918-w. Online ahead of print. PMID:32447551 Review.
65. Caronni A, Gervasoni E, Ferrarin M, Anastasi D, Bricchetto G, Confalonieri P, Di Giovanni R, Prosperini L, Tacchino A, **Solaro C**, Rovaris M, Cattaneo D, Carpinella I. Local Dynamic Stability of Gait in People With Early Multiple Sclerosis and No-to-Mild Neurological Impairment. *IEEE Trans Neural Syst Rehabil Eng*. 2020 Jun;28(6):1389-1396. doi: 10.1109/TNSRE.2020.2991636. Epub 2020 Apr 30. PMID: 32356754

66. Grasso MG, Gamberini G, Patti F, D'Amico E, Bergamaschi R, Berra E, Giusti A, Cuccaro A, Messmer Uccelli M, **Solaro C**. The Dysphagia in Multiple Sclerosis Questionnaire Correlates with Fiber-Optic Endoscopic Examination for Detecting Swallowing Deficits in MS. *Dysphagia*. 2020 Apr 30. doi: 10.1007/s00455-020-10119-w. Online ahead of print. PMID: 32355992
67. Patti F, Chisari CG, **Solaro C**, Benedetti MD, Berra E, Bianco A, Bruno Bossio R, Buttari F, Castelli L, Cavalla P, Cerqua R, Costantino G, Gasperini C, Guareschi A, Ippolito D, Lanzillo R, Maniscalco GT, Matta M, Paolicelli D, Petrucci L, Pontecorvo S, Righini I, Russo M, Saccà F, Salamone G, Signoriello E, Spinicci G, Spitaleri D, Tavazzi E, Trotta M, Zaffaroni M, Zappia M; SA.FE. group. Effects of THC/CBD oromucosal spray on spasticity-related symptoms in people with multiple sclerosis: results from a retrospective multicenter study. *Neurol Sci*. 2020 Apr 25. doi: 10.1007/s10072-020-04413-6. Online ahead of print.
68. Chiarini M, Capra R, Serana F, Bertoli D, Sottini A, Giustini V, Scarpazza C, Rovaris M, Torri Clerici V, Ferraro D, Galgani S, **Solaro C**, Conti MZ, Visconti A, Imberti L; SURROGATE Study Group. Simultaneous quantification of natural and inducible regulatory T-cell subsets during interferon- $\beta$  therapy of multiple sclerosis patients. *J Transl Med*. 2020 Apr 16;18(1):169.
69. Mestanza Mattos FG, Gervasoni E, Anastasi D, Giovanni RD, Tacchino A, Bricchetto G, Carpinella I, Confalonieri P, Vercellino M, **Solaro C**, Rovaris M, Cattaneo D. Assessing balance in non-disabled subjects with multiple sclerosis: Validation of the Fullerton Advanced Balance Scale. *Mult Scler Relat Disord*. 2020 Jul;42:102085. doi: 10.1016/j.msard.2020.102085. Epub 2020 Apr 13.
70. Tortorella C, **Solaro C**, Annovazzi P, Boffa L, Buscarinu MC, Buttari F, Calabrese M, Cavalla P, Cocco E, Cordioli C, De Luca G, Di Filippo M, Fantozzi R, Ferraro D, Gajofatto A, Gallo A, Lanzillo R, Laroni A, Fermo SL, Malucchi S, Maniscalco GT, Moccia M, Nociti V, Paolicelli D, Pesci I, Prosperini L, Ragonese P, Tomassini V, Clerici VLAT, Rodegher M, Gherardi M, Gasperini C; RIReMS Group. Informing MS patients on treatment options: a consensus on the process of consent taking. *Neurol Sci*. 2020 Aug;41(8):2249-2253. doi: 10.1007/s10072-020-04339-z. Epub 2020 Apr 2.
71. Mantovani LG, Cozzolino P, Cortesi PA, Patti F; **SA.FE. study group**. Cost-Effectiveness Analysis of Cannabinoid Oromucosal Spray Use for the Management of Spasticity in Subjects with Multiple Sclerosis. *Clin Drug Investig*. 2020 Apr;40(4):319-326.
72. Prosperini L, Mancinelli CR, **Solaro CM**, Nociti V, Haggiag S, Cordioli C, De Giglio L, De Rossi N, Galgani S, Rasia S, Ruggieri S, Tortorella C, Capra R, Mirabella M, Gasperini C. Induction Versus Escalation in Multiple Sclerosis: A 10-Year Real World Study. *Neurotherapeutics*. 2020 Mar 31. doi: 10.1007/s13311-020-00847-0. Online ahead of print.
73. **Solaro C**, Cattaneo D, Basteris A, Carpinella I, De Luca A, Mueller M, Bertoni R, Ferrarin M, Sanguineti V. Haptic vs sensorimotor training in the treatment of upper limb dysfunction in multiple sclerosis: A multi-center, randomised controlled trial. *J Neurol Sci*. 2020 May 15;412:116743. doi: 10.1016/j.jns.2020.116743. Epub 2020 Feb 19.
74. **Solaro C**, Di Giovanni R, Grange E, Bricchetto G, Mueller M, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. Italian translation and psychometric validation of the Manual Ability Measure-36 (MAM-36) and its correlation with an objective measure of upper limb function in patients with multiple sclerosis. *Neurol Sci*. 2020 Jan 23. doi:

10.1007/s10072-020-04263-2.

75. **Solaro C**, Cuccaro A, Gamberini G, Patti F, D'Amico E, Bergamaschi R, Berra E, Giusti A, Rezzani C, Messmer Uccelli M, Grasso MG. Prevalence of dysphagia in a consecutive cohort of subjects with MS using fibre-optic endoscopy. *Neurol Sci*. 2019 Dec 20. doi: 10.1007/s10072-019-04198-3. [Epub ahead of print]
76. Ferraro D, Annovazzi P, Moccia M, Lanzillo R, De Luca G, Nociti V, Fantozzi R, Paolicelli D, Ragonese P, Gajofatto A, Boffa L, Cavalla P, Lo Fermo S, Buscarinu MC, Lorefice L, Cordioli C, Calabrese M, Gallo A, Pinardi F, Tortorella C, Di Filippo M, Camera V, Maniscalco GT, Radaelli M, Buttari F, Tomassini V, Cocco E, Gasperini C, **Solaro C**; RIREMS (Rising Researchers in Multiple Sclerosis). Characteristics and treatment of Multiple Sclerosis-related trigeminal neuralgia: An Italian multi-centre study. *Mult Scler Relat Disord*. 2019 Oct 19;37:101461. doi: 10.1016/j.msard.2019.101461. [Epub ahead of print]
77. de Sire A, Mauro A, Priano L, Baudo S, Bigoni M, **Solaro C**. Effects of Constraint-Induced Movement Therapy on upper limb activity according to a bi-dimensional kinematic analysis in progressive multiple sclerosis patients: a randomized single-blind pilot study. *Funct Neurol*. 2019 Jul/Sep;34(3):151-157.
78. Comi G, Solari A, Leocani L, Centonze D, Otero-Romero S; **Italian Consensus Group on treatment of spasticity in multiple sclerosis**. Italian consensus on treatment of spasticity in multiple sclerosis. *Eur J Neurol*. 2020 Mar;27(3):445-453. doi: 10.1111/ene.14110. Epub 2019
79. Marengo D, Rosato R, Gamberini G, Cavalla P, Gironi M, Patti F, Prosperini L, **Solaro C**. Examining the validity of the multiple-sclerosis walking scale-12 with Rasch analysis: Results from an Italian study. *Mult Scler Relat Disord*. 2019 Sep 19;36:101400. doi: 10.1016/j.msard.2019.101400.
80. de Sire A, Bigoni M, Priano L, Baudo S, **Solaro C**, Mauro A. Constraint-induced movement therapy in multiple sclerosis: Safety and three-dimensional kinematic analysis of upper limb activity. A randomized single-blind pilot study. *NeuroRehabilitation*. 2019 Sep 3. doi: 10.3233/NRE-192762. [Epub ahead of print]
81. Fambiatos A, Jokubaitis V, Horakova D, Kubala Havrdova E, Trojano M, Prat A, Girard M, Duquette P, Lugaresi A, Izquierdo G, Grand'Maison F, Grammond P, Sola P, Ferraro D, Alroughani R, Terzi M, Hupperts R, Boz C, Lechner-Scott J, Pucci E, Bergamaschi R, Van Pesch V, Ozakbas S, Granella F, Turkoglu R, Iuliano G, Spitaleri D, McCombe P, **Solaro C**, Slee M, Ampapa R, Soysal A, Petersen T, Sanchez-Menoyo JL, Verheul F, Prevost J, Sidhom Y, Van Wijmeersch B, Vucic S, Cristiano E, Saladino ML, Deri N, Barnett M, Olascoaga J, Moore F, Skibina O, Gray O, Fragoso Y, Yamout B, Shaw C, Singhal B, Shuey N, Hodgkinson S, Altintas A, Al-Harbi T, Csepány T, Taylor B, Hughes J, Jun JK, van der Walt A, Spelman T, Butzkueven H, Kalincik T. Risk of secondary progressive multiple sclerosis: A longitudinal study. *Mult Scler*. 2019 Aug 9:1352458519868990. doi: 10.1177/1352458519868990.
82. Ballardini G, Ponassi V, Galofaro E, Pellegrino L, **Solaro C**, Muller M, Casadio M. Bimanual control of position and force in people with multiple sclerosis: preliminary results. *IEEE Int Conf Rehabil Robot*. 2019 Jun;2019:1147-1152. doi: 10.1109/ICORR.2019.8779377.
83. Calabrese M, Gasperini C, Tortorella C, Schiavi G, Frisullo G, Ragonese P, Fantozzi R, Prosperini L, Annovazzi P, Cordioli C, Di Filippo M, Ferraro D, Gajofatto A, Malucchi S, Lo Fermo S, De Luca G, Stromillo ML, Cocco E, Gallo A, Paolicelli D, Lanzillo R, Tomassini V, Pesci I, Rodegher ME, **Solaro C**; RIREMS group (Rising Italian Researchers in Multiple Sclerosis). "Better explanations" in multiple sclerosis diagnostic workup: A 3-year longitudinal study. *Neurology*. 2019 May 1. pii: 10.1212/WNL.0000000000007573.

doi: 10.1212/WNL.00000000000007573. [Epub ahead of print] PubMed PMID: 31043476.

84. Pardini M, Gualco L, Bommarito G, Roccatagliata L, Schiavi S, **Solaro C**, Mancardi G, Uccelli A, Capello E, Inglese M. CSF oligoclonal bands and normal appearing white matter periventricular damage in patients with clinically isolated syndrome suggestive of MS. *Mult Scler Relat Disord*. 2019 Apr 2;31:93-96. doi: 10.1016/j.msard.2019.03.027. [Epub ahead of print] PubMed PMID: 30953954.
85. Ciaramitaro P, Cruccu G, de Tommaso M, Devigili G, Fornasari D, Geppetti P, Lacerenza M, Lauria G, Mameli S, Marchettini P, Nolano M, Polati E, Provitera V, Romano M, **Solaro C**, Tamburin S, Tugnoli V, Valeriani M, Truini A; Neuropathic Pain Special Interest Group of the Italian Neurological Society. A Delphi consensus statement of the Neuropathic Pain Special Interest Group of the Italian Neurological Society on pharmacoresistant neuropathic pain. *Neurol Sci*. 2019 Apr doi: 10.1007/s10072-019-03870-y. [Epub ahead of print] PubMed PMID: 30941628.
86. **Solaro C**, Cattaneo D, Bricchetto G, Castelli L, Tacchino A, Gervasoni E, Prosperini L. Clinical correlates of 9-hole peg test in a large population of people with multiple sclerosis. *Mult Scler Relat Disord*. 2019 May;30:1-8. doi:10.1016/j.msard.2019.01.043. Epub 2019 Jan 28. PubMed PMID: 30710887.
87. Ferriero G, Salgovic L, **Solaro C**. (Horseback) Riding into the Sunset. Re: "Benefits of Hippotherapy and Horse Riding Simulation Exercise on Healthy Older Adults: A Systematic Review". *PM R*. 2019 Mar;11(3):325-326. doi:10.1002/pmrj.12075. PubMed PMID: 30653852.
88. Kalincik T, Kubala Havrdova E, Horakova D, Izquierdo G, Prat A, Girard M, Duquette P, Grammond P, Onofri M, Lugaresi A, Ozakbas S, Kappos L, Kuhle J, Terzi M, Lechner-Scott J, Boz C, Grand'Maison F, Prevost J, Sola P, Ferraro D, Granella F, Trojano M, Bergamaschi R, Pucci E, Turkoglu R, McCombe PA, Pesch VV, Van Wijmeersch B, **Solaro C**, Ramo-Tello C, Slee M, Alroughani R, Yamout B, Shaygannejad V, Spitaleri D, Sánchez-Menoyo JL, Ampapa R, Hodgkinson S, Karabudak R, Butler E, Vucic S, Jokubaitis V, Spelman T, Butzkueven H. Comparison of fingolimod, dimethyl fumarate and teriflunomide for multiple sclerosis. *J Neurol Neurosurg Psychiatry*. 2019 Apr;90(4):458-468. doi: 10.1136/jnnp-2018-319831. Epub 2019 Jan 13. PubMed PMID: 30636699.
89. Nguyen AL, Havrdova EK, Horakova D, Izquierdo G, Kalincik T, van der Walt A, Terzi M, Alroughani R, Duquette P, Girard M, Prat A, Boz C, Sola P, Ferraro D, Lugaresi A, Lechner-Scott J, Barnett M, Grand'Maison F, Grammond P, Ramo-Tello C, Turkoglu R, McCombe P, Pucci E, Trojano M, Granella F, Spitaleri D, Van Pesch V, Soysal A, Oreja-Guevara C, Verheul F, Vucic S, Hodgkinson S, Slee M, Ampapa R, Prevost J, Menoyo JLS, Skibina O, **Solaro C**, Olascoaga J, Shaw C, Madsen KG, Naidoo K, Hyde R, Butzkueven H, Jokubaitis V; MSBase Study Group. Incidence of pregnancy and disease-modifying therapy exposure trends in women with multiple sclerosis: A contemporary cohort study. *Mult Scler Relat Disord*. 2019 Feb;28:235-243. doi: 10.1016/j.msard.2019.01.003. Epub 2019 Jan 3.
90. Scarpazza C, Signori A, Prosperini L, Sormani MP, Cosottini M, Capra R, Gerevini S; **Italian PML Group**. Early diagnosis of progressive multifocal leucoencephalopathy: longitudinal lesion evolution. *J Neurol Neurosurg Psychiatry*. 2019 Mar;90(3):261-267. doi: 10.1136/jnnp-2018-319208. Epub 2018 Nov 2.
91. Lorscheider J, Kuhle J, Izquierdo G, Lugaresi A, Havrdova E, Horakova D, Hupperts R, Duquette P, Girard M, Prat A, Grand'Maison F, Grammond P, Sola P, Ferraro D, Trojano M, Ramo-Tello C, Lechner-Scott J, Pucci E, **Solaro C**, Slee M, Van Pesch V, Sanchez Menoyo JL, van der Walt A, Butzkueven H, Kappos L,

- Kalincik T; MSBase Study Group. Anti-inflammatory disease-modifying treatment and disability progression in primary progressive multiple sclerosis: a cohort study. *Eur J Neurol*. 2019 Feb;26(2):363-370. doi: 10.1111/ene.13824. Epub 2018 Nov 2.
92. Lavorgna L, Brigo F, Moccia M, Leocani L, Lanzillo R, Clerico M, Abbadessa G, Schmierer K, **Solaro C**, Prosperini L, Tedeschi G, Giovannoni G, Bonavita S. e-Health and multiple sclerosis: An update. *Mult Scler*. 2018 Nov;24(13):1657-1664. doi: 10.1177/1352458518799629. Epub 2018 Sep 19.
93. Kister I, Spelman T, Patti F, Duquette P, Trojano M, Izquierdo G, Lugaresi A, Grammond P, Sola P, Ferraro D, Grand'Maison F, Alroughani R, Terzi M, Boz C, Hupperts R, Lechner-Scott J, Kappos L, Pucci E, Hodgkinson S, **Solaro C**, Butzkueven H. Predictors of relapse and disability progression in MS patients who discontinue disease-modifying therapy. *J Neurol Sci*. 2018 Aug 15;391:72-76. doi: 10.1016/j.jns.2018.06.001. Epub 2018 Jun 2.
94. Hughes J, Jokubaitis V, Lugaresi A, Hupperts R, Izquierdo G, Prat A, Girard M, Duquette P, Grand'Maison F, Grammond P, Sola P, Ferraro D, Ramo-Tello C, Trojano M, Slee M, Shaygannejad V, Boz C, Lechner-Scott J, Van Pesch V, Pucci E, Solaro C, Verheul F, Terzi M, Granella F, Spitaleri D, Alroughani R, Jun JK, Fambiatos A, Van der Walt A, Butzkueven H, Kalincik T; **MSBase Study Group**. Association of Inflammation and Disability Accrual in Patients With Progressive-Onset Multiple Sclerosis. *JAMA Neurol*. 2018 Nov 1;75(11):1407-1415. doi: 10.1001/jamaneurol.2018.2109.
95. **Solaro CM**, Ferriero G. Refractory Trigeminal Neuralgia successfully treated by combination therapy (Pregabalin plus Lamotrigine). *Mult Scler Relat Disord*. 2018 Oct;25:165-166. doi: 10.1016/j.msard.2018.07.027. Epub 2018 Jul 27
96. Sorrentino G, Sale P, **Solaro C**, Rabini A, Cerri CG, Ferriero G. Clinical measurement tools to assess trunk performance after stroke: a systematic review. *Eur J Phys Rehabil Med*. 2018 Apr 20. doi: 10.23736/S1973-9087.18.05178-X. [Epub ahead of print] PubMed PMID: 29684980.
97. Lanzillo R, Prosperini L, Gasperini C, Moccia M, Fantozzi R, Tortorella C, Nociti V, Annovazzi P, Cavalla P, Radaelli M, Malucchi S, Clerici VT, Boffa L, Buttari F, Ragonese P, Mascalco GT, Di Filippo M, Buscarinu MC, Pinardi F, Gallo A, Coghe G, Pesci I, Laroni A, Gajofatto A, Calabrese M, Tomassini V, Cocco E, **Solaro C**; R.I.Re.MS study group. A multicentRE observational analysiS of PERSistenCE to Treatment in the new multiple sclerosis era: the RESPECT study. *J Neurol*. 2018 May;265(5):1174-1183. doi: 10.1007/s00415-018-8831-x. Epub 2018 Mar 16. PubMed PMID: 29549468.
98. Portaccio E, Annovazzi P, Ghezzi A, Zaffaroni M, Moiola L, Martinelli V, Lanzillo R, Brescia Morra V, Rinaldi F, Gallo P, Tortorella C, Paolicelli D, Pozzilli C, De Giglio L, Cavalla P, Cocco E, Marrosu MG, Patti F, **Solaro C**, Bellantonio P, Uccelli A, Laroni A, Pastò L, Giannini M, Trojano M, Comi G, Amato MP; MS Study Group of the Italian Neurological Society. Pregnancy decision-making in women with multiple sclerosis treated with natalizumab: I: Fetal risks. *Neurology*. 2018 Mar 6;90(10):e823-e831. doi: 10.1212/WNL.0000000000005067. Epub 2018 Feb 7. PubMed PMID: 29438046.
99. Portaccio E, Moiola L, Martinelli V, Annovazzi P, Ghezzi A, Zaffaroni M, Lanzillo R, Brescia Morra V, Rinaldi F, Gallo P, Tortorella C, Paolicelli D, Pozzilli C, De Giglio L, Cavalla P, Cocco E, Marrosu MG, **Solaro C**, Uccelli A, Laroni A, Pastò L, Giannini M, Trojano M, Comi G, Amato MP; MS Study Group of the Italian Neurological Society. Pregnancy decision-making in women with multiple sclerosis treated with natalizumab: II: Maternal risks. *Neurology*. 2018 Mar 6;90(10):e832-e839. doi:

- 10.1212/WNL.0000000000005068. Epub 2018 Feb 7. PubMed PMID: 29438041.
100. **Solaro C**, Gamberini G, Masuccio FG. Depression in Multiple Sclerosis: Epidemiology, Aetiology, Diagnosis and Treatment. *CNS Drugs*. 2018 Feb;32(2):117-133. doi: 10.1007/s40263-018-0489-5. Review. PubMed PMID: 29417493.
  101. **Solaro C**, Cella M, Signori A, Martinelli V, Radaelli M, Centonze D, Sica F, Grasso MG, Clemenzi A, Bonavita S, Esposito S, Patti F, D'Amico E, Cruccu G, Truini A; Neuropathic Pain Special Interest Group of the Italian Neurological Society. Identifying neuropathic pain in patients with multiple sclerosis: a cross-sectional multicenter study using highly specific criteria. *J Neurol*. 2018 Apr;265(4):828-835. doi: 10.1007/s00415-018-8758-2. Epub 2018 Feb 5. PubMed
  102. Pellegrino L, Coscia M, Muller M, **Solaro C**, Casadio M. Evaluating upper limb impairments in multiple sclerosis by exposure to different mechanical environments. *Sci Rep*. 2018 Feb 1;8(1):2110.
  103. Gandoglia I, Ivaldi F, Laroni A, Benvenuto F, **Solaro C**, Mancardi G, Kerlero de Rosbo N, Uccelli A. Teriflunomide treatment reduces B cells in patients with MS. *Neurol Neuroimmunol Neuroinflamm*. 2017 Oct 23;4(6):e403. doi: 10.1212/NXI.0000000000000403. eCollection 2017 Nov. PubMed PMID: 29082295; PubMedCentral PMCID: PMC5656406.
  104. Kalincik T, Jokubaitis V, Spelman T, Horakova D, Havrdova E, Trojano M, Lechner-Scott J, Lugaesi A, Prat A, Girard M, Duquette P, Grammond P, **Solaro C**, Grand'Maison F, Hupperts R, Prevost J, Sola P, Ferraro D, Terzi M, Butler E, Slee M, Kermode A, Fabis-Pedrini M, McCombe P, Barnett M, Shaw C, Hodgkinson S, Butzkueven H; MSBase Study Group. Cladribine versus fingolimod, natalizumab and interferon  $\beta$  for multiple sclerosis. *Mult Scler*. 2017 Aug 1;1352458517728812. doi: 10.1177/1352458517728812. [Epub ahead of print] PubMed PMID: 28857680.
  105. Messina S, **Solaro C**, Righini I, Bergamaschi R, Bonavita S, Bossio RB, Brescia Morra V, Costantino G, Cavalla P, Centonze D, Comi G, Cottone S, Danni MC, Francia A, Gajofatto A, Gasperini C, Zaffaroni M, Petrucci L, Signoriello E, Maniscalco GT, Spinicci G, Matta M, Mirabella M, Pedà G, Castelli L, Rovaris M, Sessa E, Spitaleri D, Paolicelli D, Granata A, Zappia M, Patti F; SA.FE. study group. Sativex in resistant multiple sclerosis spasticity: Discontinuation study in a large population of Italian patients (SA.FE. study). *PLoS One*. 2017 Aug 1;12(8):e0180651. doi: 10.1371/journal.pone.0180651. eCollection 2017. PubMed PMID: 28763462; PubMed Central PMCID: PMC5538735.
  106. Iaffaldano P, Simone M, Lucisano G, Ghezzi A, Coniglio G, Brescia Morra V, Salemi G, Patti F, Lugaesi A, Izquierdo G, Bergamaschi R, Cabrera-Gomez JA, Pozzilli C, Millefiorini E, Alroughani R, Boz C, Pucci E, Zimatore GB, Sola P, Lus G, Maimone D, Avolio C, Cocco E, Sajedi SA, Costantino G, Duquette P, Shaygannejad V, Petersen T, Fernández Bolaños R, Paolicelli D, Tortorella C, Spelman T, Margari L, Amato MP, Comi G, Butzkueven H, Trojano M; **Italian iMedWeb Registry and the MSBase Registry**. Prognostic indicators in pediatric clinically isolated syndrome. *Ann Neurol*. 2017 May;81(5):729-739. doi: 10.1002/ana.24938. PubMed PMID: 28439957.
  107. Bommarito G, Bellini A, Pardini M, **Solaro C**, Roccatagliata L, Laroni A, Capello E, Mancardi GL, Uccelli A, Inglese M. Composite MRI measures and short-term disability in patients with clinically isolated syndrome suggestive of MS. *Mult Scler*. 2018 Apr;24(5):623-631. doi: 10.1177/1352458517704077. Epub 2017 Apr 10. PubMed PMID: 28394195.
  108. Ferraro D, Franciotta D, Bedin R, **Solaro C**, Cocco E, Santangelo M, Immovilli P, Gajofatto A, Calabrese



- M, Di Filippo M, Orlandi R, Simone AM, Vitetta F, Capello E, Giunti D, Murialdo A, Frau J, Mariotto S, Gallina A, Gasperini C, Sola P; RIREMS group (Rising Italian Researchers in Multiple Sclerosis). A multicentre study on the diagnostic significance of a single cerebrospinal fluid IgG band. *J Neurol*. 2017 May;264(5):973-978. doi: 10.1007/s00415-017-8480-5. Epub 2017 Apr 5. PubMed PMID: 28382419.
109. Landi D, De Rossi N, Zagaglia S, Scarpazza C, Prosperini L, Albanese M, Buttari F, Mori F, Marfia GA, Sormani MP, Capra R, Centonze D; **Italian PML study group**. No evidence of beneficial effects of plasmapheresis in natalizumab-associated PML. *Neurology*. 2017 Mar 21;88(12):1144-1152. doi: 10.1212/WNL.0000000000003740. Epub 2017 Feb 22. PubMed PMID: 28228569.
110. Mattarozzi K, Baldin E, Zenesini C, Solari A, Amato MP, Leone M, Mancardi G, Martinelli V, Savettieri G, **Solaro C**, Tola MR, D'Alessandro R; Agorà Study Group. Effect of organizational features on patient satisfaction with care in Italian multiple sclerosis centres. *Eur J Neurol*. 2017 Apr;24(4):631-637. doi: 10.1111/ene.13263. Epub 2017 Feb 21.
111. Ghezzi A, Filli L, **Solaro C**, Mekies C, Landete L, Lycke J. Country breakout session highlights. *Neurodegener Dis Manag*. 2016 Dec;6(6s):41-44. PubMed
112. **Solaro C**, Trabucco E, Signori A, Martinelli V, Radaelli M, Centonze D, Rossi S, Grasso MG, Clemenzi A, Bonavita S, D'Ambrosio A, Patti F, D'Amico E, Cruccu G, Truini A. Depressive Symptoms Correlate with Disability and Disease Course in Multiple Sclerosis Patients: An Italian Multi-Center Study Using the Beck Depression Inventory. *PLoS One*. 2016 Sep 15;11(9):e0160261. doi: 10.1371/journal.pone.0160261. eCollection 2016.
113. Paolucci S, Martinuzzi A, Scivoletto G, Smania N, **Solaro C**, Aprile I, Armando M, Bergamaschi R, Berra E, Berto G, Carraro E, Cella M, Gandolfi M, Masciullo M, Molinari M, Pagliano E, Pecchioli C, Roncari L, Torre M, Trabucco E, Vallies G, Zerbini P, Tamburin S; Italian Consensus Conference on Pain in Neurorehabilitation (ICCPN). Assessing and treating pain associated with stroke, multiple sclerosis, cerebral palsy, spinal cord injury and spasticity. Evidence and recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. *Eur J Phys Rehabil Med*. 2016 Dec;52(6):827-840. Epub 2016 Aug 31
114. Sandrini G, Tamburin S, Paolucci S, Boldrini P, Saraceni VM, Smania N; Italian Consensus Conference on Pain in Neurorehabilitation (ICCPN). Time for a Consensus Conference on pain in neurorehabilitation. *Eur J Phys Rehabil Med*. 2016 Oct;52(5):714-716. Epub 2016 Jul 12. PubMed PMID: 27406655.
115. Patti F, Messina S, **Solaro C**, Amato MP, Bergamaschi R, Bonavita S, Bruno Bossio R, Brescia Morra V, Costantino GF, Cavalla P, Centonze D, Comi G, Cottone S, Danni M, Francia A, Gajofatto A, Gasperini C, Ghezzi A, Iudice A, Lus G, Maniscalco GT, Marrosu MG, Matta M, Mirabella M, Montanari E, Pozzilli C, Rovaris M, Sessa E, Spitaleri D, Trojano M, Valentino P, Zappia M; SA.FE. study group. Efficacy and safety of cannabinoid oromucosal spray for multiple sclerosis spasticity. *J Neurol Neurosurg Psychiatry*. 2016 Sep;87(9):944-51. doi: 10.1136/jnnp-2015-312591. Epub 2016 May 9
116. Montanari E, Rottoli M, Maimone D, Confalonieri P, Plewnia K, Frigo M, Francia A, Pala A, Losignore NA, Ragonese P, Veneziano A; **POSIDONIA study group**. A 12-month prospective, observational study evaluating the impact of disease-modifying treatment on emotional burden in recently-diagnosed multiple sclerosis patients: The POSIDONIA study. *J Neurol Sci*. 2016 May 15;364:105-9. doi:

- 10.1016/j.jns.2016.02.047. Epub 2016 Feb 20. PubMed PMID: 27084226.
117. Loraschi A, Bellantonio P, Bortolon F, Capra R, Cavalla P, Costantino G, Lugaresi A, Martinelli V, Marrosu MG, Patti F, Rottoli M, Salvetti M, Sola P, Solaro C, Klersy C, Marino F, Zaffaroni M, Cosentino M. Use of herbal remedies by multiple sclerosis patients: a nation-wide survey in Italy. *Neurol Sci*. 2016 Apr;37(4):613-22. doi: 10.1007/s10072-016-2519-8. Epub 2016 Feb 19.
  118. **Solaro C**, Trabucco E, Messmer Uccelli M. Dalfampridine is associated with de novo occurrence or reoccurrence of positive sensory symptoms in MS. *eNeurologicalSci*. 2015 Nov 19;2:1-2. doi: 10.1016/j.ensci.2015.11.003. eCollection 2016 Mar. No abstract available.
  119. **Solaro C**, Trabucco E, Signori A, Cella M, Messmer Uccelli M, Bricchetto G, Cavalla P, Gironi M, Patti F, Prosperini L. Italian validation of the 12-item multiple sclerosis walking scale. *Mult Scler Int*. 2015;2015:540828. doi: 10.1155/2015/540828. Epub 2015 Mar 26
  120. Prosperini L, Annovazzi P, Capobianco M, Capra R, Buttari F, Gasperini C, Galgani S, **Solaro C**, Centonze D, Bertolotto A, Pozzilli C, Ghezzi A. Natalizumab discontinuation in patients with multiple sclerosis: Profiling risk and benefits at therapeutic crossroads. *Mult Scler*. 2015 Nov;21(13):1713-22. doi: 10.1177/1352458515570768. Epub 2015 Feb 19. PubMed PMID: 25698174.
  121. **Solaro C**, Ponzio M, Moran E, Tanganelli P, Pizio R, Ribizzi G, Venturi S, Mancardi GL, Battaglia MA. The changing face of multiple sclerosis: Prevalence and incidence in an aging population. *Mult Scler*. 2015 Sep;21(10):1244-50. doi: 10.1177/1352458514561904. Epub 2015 Jan 12.
  122. **Solaro C**, Trabucco E, Messmer Uccelli M. Subtle upper limb impairment in Radiological Isolated Syndrome subjects. *J Neurol Disord*. 2014, 2:4.
  123. Marinelli L, Mori L, **Solaro C**, Uccelli A, Pelosin E, Currà A, Molfetta L, Abbruzzese G, Trompetto C. Effect of radial shock wave therapy on pain and muscle hypertonia: a double-blind study in patients with multiple sclerosis. *Mult Scler*. 2014 Sep 25.
  124. Di Battista G, Bertolotto A, Gasperini C, Ghezzi A, Maimone D, **Solaro C**. Multiple Sclerosis State of the Art (SMART): A Qualitative and Quantitative Analysis of Therapy's Adherence, Hospital Reliability's Perception, and Services Provided Quality. *Mult Scler Int*. 2014;2014:752318.
  125. Laroni A, Gandoglia I, **Solaro C**, Ribizzi G, Tassinari T, Pizzorno M, Parodi S, Baldassarre G, Rilla MT, Venturi S, Capello E, Sormani MP, Uccelli A, Mancardi GL. Clinical baseline factors predict response to natalizumab: their usefulness in patient selection. *BMC Neurol*. 2014 May 12;14:103. doi: 10.1186/1471-2377-14-103.
  126. Pecori C, Giannini M, Portaccio E, Ghezzi A, Hakiki B, Pastò L, Razzolini L, Sturchio A, De Giglio L, Pozzilli C, Paolicelli D, Trojano M, Marrosu MG, Patti F, Mancardi GL, **Solaro C**, Totaro R, Tola MR, De Luca G, Lugaresi A, Moiola L, Martinelli V, Comi G, Amato MP; MS Study Group of the Italian Neurological Society. Paternal therapy with disease modifying drugs in multiple sclerosis and pregnancy outcomes: a prospective observational multicentric study. *BMC Neurol*. 2014 May 26;14:114. doi: 10.1186/1471-2377-14-114. PubMed PMID: 24884599; PubMed Central PMCID: PMC4059028.
  127. Frisullo G, Calabrese M, Tortorella C, Paolicelli D, Ragonese P, Annovazzi P, Radaelli M, Malucchi S, Gallo A, Tomassini V, Nociti V, D'Onghia M, Lo Re V, Rodegher M, **Solaro C**, Gasperini C. Thyroid autoimmunity and dysfunction in multiple sclerosis patients during long-term treatment with

- interferon beta or glatiramer acetate: an Italian multicenter study. *Mult Scler*. 2014 Aug;20(9):1265-8. doi: 10.1177/1352458514521311. Epub 2014 Feb 10. PubMed
128. Capra R, Battaglia MA, Gaudio A, Lopes L, Paolicelli D, Paoloni M, Pozzilli C, Santilli V, **Solaro C**, Trojano M. The MoSt Project--more steps in multiple sclerosis: a Delphi method consensus initiative for the evaluation of mobility management of MS patients in Italy. *J Neurol*. 2014 Mar;261(3):526-32. doi: 10.1007/s00415-013-7230-6. Epub 2014 Jan 22. PubMed PMID: 24449060.
129. Portaccio E, Ghezzi A, Hakiki B, Sturchio A, Martinelli V, Moiola L, Patti F, Mancardi GL, **Solaro C**, Tola MR, Pozzilli C, De Giglio L, Totaro R, Lugaresi A, De Luca G, Paolicelli D, Marrosu MG, Comi G, Trojano M, Amato MP; MS Study Group of the Italian Neurological Society. Postpartum relapses increase the risk of disability progression in multiple sclerosis: the role of disease modifying drugs. *J Neurol Neurosurg Psychiatry*. 2014 Aug;85(8):845-50. doi:10.1136/jnnp-2013-306054. Epub 2014 Jan 8. PubMed PMID: 24403285.
130. Gironi M, **Solaro C**, Meazza C, Vaghi M, Montagna L, Rovaris M, Batocchi AP, Nemni R, Albertini R, Zaffaroni M, Bozzola M. Growth hormone and disease severity in early stage of multiple sclerosis. *Mult Scler Int*. 2013;2013:836486.
131. **Solaro C**, Bergamaschi R, Rezzani C, Mueller M, Trabucco E, Bargiggia V, Dematteis F, Mattioda A, Cimino V, Restivo D, Patti F, Cavalla P. Duloxetine is effective in treating depression in multiple sclerosis patients: an open-label multicenter study. *Clin Neuropharmacol*. 2013 Jul-Aug;36(4):114-6. doi:10.1097/WNF.0b013e3182996400. PubMed PMID: 23783007.
132. **Solaro C**, Rezzani C, Trabucco E, Amato MP, Zipoli V, Portaccio E, Giannini M, Patti F, D'Amico E, Frau J, Lorefice L, Bonavita S, Della Corte M, Grasso MG, Finamore L, Ghezzi A, Annovazzi P, Rottoli M, Gasperini C, Restivo D, Maimone D, Rossi P, Stromillo ML, Bergamaschi R. Prevalence of patient-reported dysphagia in multiple sclerosis patients: an Italian multicenter study (using the DYMUS questionnaire). *J Neurol Sci*. 2013 Aug 15;331(1-2):94-7.
133. Pastò L, Portaccio E, Ghezzi A, Hakiki B, Giannini M, Razzolini L, Piscolla E, De Giglio L, Pozzilli C, Paolicelli D, Trojano M, Marrosu MG, Patti F, La Mantia L, Mancardi GL, **Solaro C**, Totaro R, Tola MR, Di Tommaso V, Lugaresi A, Moiola L, Martinelli V, Comi G, Amato MP; MS Study Group of the Italian Neurological Society. Epidural analgesia and cesarean delivery in multiple sclerosis post-partum relapses: the Italian cohort study. *BMC Neurol*. 2012 Dec 31;12:165. doi: 10.1186/1471-2377-12-165. PubMed PMID: 23276328; PubMed Central PMCID: PMC3544735.
134. Pedemonte E, Trabucco E, Cella M, **Solaro C**. Parkinsonism in multiple sclerosis patients: a casual or causal association? *Parkinsonism Relat Disord*. 2013 Apr;19(4):492-3.
135. **Solaro C**, Trabucco E, Messmer Uccelli M. Pain and multiple sclerosis: pathophysiology and treatment. *Curr Neurol Neurosci Rep*. 2013 Jan;13(1):320. doi:10.1007/s11910-012-0320-5. Review. PubMed PMID: 23250765.
136. Giannini M, Portaccio E, Ghezzi A, Hakiki B, Pastò L, Razzolini L, Piscolla E, De Giglio L, Pozzilli C, Paolicelli D, Trojano M, Marrosu MG, Patti F, La Mantia L, Mancardi G, **Solaro C**, Totaro R, Tola MR, De Luca G, Lugaresi A, Moiola L, Martinelli V, Comi G, Amato MP. Pregnancy and fetal outcomes after

Glatiramer Acetate exposure in patients with multiple sclerosis: a prospective observational multicentric study. *BMC Neurol.* 2012 Oct 22;12:124. doi:10.1186/1471-2377-12-124. PubMed PMID: 23088447; PubMed Central PMCID:PMC3487812.

137. Annovazzi P, Tomassini V, Bodini B, Boffa L, Calabrese M, Cocco E, Cordioli C, De Luca G, Frisullo G, Gallo A, Malucchi S, Paolicelli D, Pesci I, Radaelli M, Ragonese P, Roccatagliata L, Tortorella C, Vercellino M, Zipoli V, Gasperini C, Rodegher M, **Solaro C**. A cross-sectional, multicentre study of the therapeutic management of multiple sclerosis relapses in Italy. *Neurol Sci.* 2013 Feb;34(2):197-203. doi: 10.1007/s10072-012-0981-5. Epub 2012 Mar 11. PubMed PMID: 22407022.
138. Saverino A, **Solaro C**. Pain in individuals with multiple sclerosis, knee prosthesis, and post-herpetic neuralgia: learning from focus group patients'experience. *Clin J Pain.* 2012 May;28(4):300-8. doi: 10.1097/AJP.0b013e31823216b4. PubMed PMID: 22330129.
139. Basteris A, De Luca A, Sanguineti V, **Solaro C**, Mueller M, Carpinella I, Cattaneo D, Bertoni R, Ferrarin M. A tailored exercise of manipulation of virtual tools to treat upper limb impairment in Multiple Sclerosis. *IEEE Int Conf Rehabil Robot.* 2011;2011:5975509.
140. Mancardi GL, Sormani MP, Di Gioia M, Vuolo L, Gualandi F, Amato MP, Capello E, Currò D, Uccelli A, Bertolotto A, Gasperini C, Lugaresi A, Merelli E, Meucci G, Motti L, Tola MR, Scarpini E, Repice AM, Massacesi L, Saccardi R; Italian BMT Study Group. Autologous haematopoietic stem cell transplantation with an intermediate intensity conditioning regimen in multiple sclerosis: the Italian multi-centre experience. *Mult Scler.* 2012 Jun;18(6):835-42.

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Moncrivello, 08/04/2023