

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome	Fabio Zaina
Indirizzo	
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Nazionalità	Italiana
Data di nascita	

ESPERIENZA LAVORATIVA

- | | |
|---|--|
| • Date (da – a) | 2004-2007 |
| • Nome e indirizzo del datore di lavoro | ASL Mantova, Asola, via Cremona |
| • Tipo di azienda o settore | <i>Sanità</i> |
| • Tipo di impiego | Medico di continuità assistenziale |
| • Principali mansioni e responsabilità | <i>Medico di continuità assistenziale</i> |
| • Date (da – a) | 2007-oggi |
| • Nome e indirizzo del datore di lavoro | ISICO Srl, Via R. Bellarmino 13/1 |
| • Tipo di azienda o settore | <i>Sanità</i> |
| • Tipo di impiego | Medico specialista in medicina fisica e riabilitazione |
| • Principali mansioni e responsabilità | Medico specialista, ricercatore |

ISTRUZIONE E FORMAZIONE

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|---|---|
| • Date (da – a) | 1994-2003 |
| • Nome e tipo di istituto di istruzione o formazione | Università degli studi di Pavia |
| • Qualifica conseguita | Medico Chirurgo |
| • Date (da – a) | 2004-2007 |
| • Nome e tipo di istituto di istruzione o formazione | Università degli studi di Verona |
| • Principali materie / abilità professionali oggetto dello studio | Riabilitazione |
| • Qualifica conseguita | Diploma di specializzazione in medicina fisica e riabilitazione |

CAPACITÀ E COMPETENZE

PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

PRIMA LINGUA

Italiano

ALTRE LINGUE

Inglese

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

Buono
Buono
Buono

CAPACITÀ E COMPETENZE

RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.

CAPACITÀ E COMPETENZE

ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

Former President di SOSORT (Society on Scoliosis Orthopedic and Rehabilitation Treatment)

CAPACITÀ E COMPETENZE

TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

Buona conoscenza windows office, navigazione internet, ricerca bibliografica Medline, Scoliosis Manager.

CAPACITÀ E COMPETENZE

ARTISTICHE

Musica, scrittura, disegno ecc.

Autore di una raccolta di racconti "La bottega dei pensieri usati", Edizioni Albatros Il Filo 2020.

ALTRE CAPACITÀ E COMPETENZE

Competenze non precedentemente indicate.

Ricercatore in campo medico, 177 pubblicazioni su riviste indicizzate Medline, autore di 3 libri e numerosi capitoli di libro.

1. Negrini S, Zaina F, Ferrario I, O'Brien J. I do what I want, which depends on what you do to help me understand what is at stake-my future. Spine Deform. 2026 Jun 11. doi: 10.1007/s43390-026-01467-y. Online ahead of print. PMID: 42274983
2. Negrini S, Zaina F. The Clinical Usefulness of Bone Maturity Indicators for Bracing Adolescents with Idiopathic Scoliosis: Signs Along the Road While Driving in a "Heavily Foggy Night". Spine (Phila Pa 1976). 2026 May 14. doi: 10.1097/BRS.0000000000005747. PMID: 42166650
3. Navarro IJRL, Jacob L, Masetto K, Dulio F, Negrini A, Negrini S, Zaina F, Negrini A. Validation and Reproducibility of an App for Continuous Measurement as an Assessment Tool for Idiopathic Scoliosis. Sensors (Basel). 2026 Mar 27;26(7):2099. doi: 10.3390/s26072099. PMID: 41977884
4. Pjanić S, Zaina F, Jevtić N, Golić F, Dimitrijević V, Rašković B, Novaković-Bursač S, Bojinović-Rodić D, Talić G. Adherence and Radiological Outcomes in Braced Adolescents with Idiopathic Scoliosis: A Real-World Study Using Thermal Sensors. J Clin Med. 2025 Dec 6;14(24):8648. doi: 10.3390/jcm14248648.
5. Zaina F, Bassani T, Castelein R, Pulici C, Negrini S. The Effectiveness of Currently Recommended Questionnaires in Identifying Scoliosis Among Chronic Back Pain Patients: A Cross-Sectional Study. Healthcare (Basel). 2025 Dec 5;13(24):3196. doi: 10.3390/healthcare13243196. PMID: 41464264

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6. Malfitano C, Negrini F, Palloni V, Meggiolaro M, Brevi E, Benfatti P, Zaina F, Ferriero G, Negrini S. Effective Conservative Management of Severe Scoliosis in a Girl with Prader-Willi Syndrome: A 20-Year Case Study Follow-Up. *J Clin Med*. 2025 Oct 17;14(20):7350. doi: 10.3390/jcm14207350. PMID: 41156219
7. Negrini F, Malfitano C, Ferriero G, Morone G, Negrini A, Zaina F, Ferrario I, Kiekens C, Negrini S, Vitale J. Answer to the Letter to the Editor of A. Yapar, et al. concerning "Evaluating ChatGPT-4.0's accuracy and potential in idiopathic scoliosis conservative treatment: a preliminary study on clarity, validity, and expert perceptions" by Negrini F, et al. (*Eur Spine J* [2025]: <https://doi.org/10.1007/s00586-025-09166-4>). *Eur Spine J*. 2025 Dec;34(12):5817. doi: 10.1007/s00586-025-09352-4. Epub 2025 Oct 10. PMID: 41071285
8. Negrini S, Negrini F, Febbo F, Jurenaite G, Pulici C, Zaina F, Negrini A. The "Idiopathic Scoliosis Graphical Representation of Worsening Trend of Natural History" (IS-GROWTH) communication tool provides a reliable prediction useful to manage long-term treatment during growth. 2025 SOSORT award winner. *Eur Spine J*. 2025 Aug 23. doi: 10.1007/s00586-025-09173-5. PMID: 40848158.
9. Negrini S, Negrini F, Bassani T, Febbo F, Jurenaite G, Negrini A, Pulici C, Zaina F. Wearing a brace for idiopathic scoliosis above 18 hrs/day shows a dose-response effect on the outcomes improvement and end-of-treatment Cobb angle below 30 degrees. *Eur Spine J*. 2025 Aug 12. doi: 10.1007/s00586-025-09124-0. PMID: 40789981.
10. Negrini F, Malfitano C, Ferriero G, Morone G, Negrini A, Zaina F, Ferrario I, Kiekens C, Negrini S, Vitale J. Evaluating ChatGPT-4.0's accuracy and potential in idiopathic scoliosis conservative treatment: a preliminary study on clarity, validity, and expert perceptions. *Eur Spine J*. 2025 Jul 21. doi: 10.1007/s00586-025-09166-4. Online ahead of print. PMID: 40689984
11. Zaina F, Poggio M, Donzelli S, Castelein R, Di Felice F, Negrini S. Night-Time Bracing Can Reduce Pain in Adults with Scoliosis: Six-Month Results of a Retrospective Controlled Study. *J Clin Med*. 2025 Jun 25;14(13):4493. doi: 10.3390/jcm14134493. PMID: 40648866
12. Negrini A, Donzelli S, Rebagliati G, Fregna G, Romano M, Zaina F, Negrini S. Geographic, personal and clinical determinants of brace-wearing time in adolescents with idiopathic scoliosis. *Eur Spine J*. 2025 Jul 7. doi: 10.1007/s00586-025-09086-3. Online ahead of print. PMID: 40619524
13. Zaina F, Ferrario I, Bakhsh HR, Donzelli S, Negrini S. SCaRES - scoliosis caregiver response and emotional scale: a Rasch-validated questionnaire to measure the psychological impact of children's scoliosis on their parents. *Eur Spine J*. 2025 Jun 21. doi: 10.1007/s00586-025-08983-x. PMID: 40542837
14. Zaina F, Balagué F, Di Felice F, Donzelli S, Romano M, Negrini S. Exercise for low back pain in adolescents and children. *Cochrane Database Syst Rev*. 2025 Apr 14;4(4):CD014417. doi: 10.1002/14651858.CD014417. PMID: 40226892; PMCID: PMC11995685.
15. Negrini S, Yaskina M, Donzelli S, Negrini A, Rebagliati G, Cordani C, Zaina F, Parent EC. Puberty changes the natural history of idiopathic scoliosis: three prediction models for future radiographic curve severity from 1563 consecutive patients. *Eur Spine J*. 2024 Oct;33(10):3767-3775. doi: 10.1007/s00586-024-08487-0. Epub 2024 Sep 14. PMID: 39276221.
16. Arienti C, Lazzarini SG, Zaina F, Cordani C, Minozzi S, Kiekens C, Negrini S. Lumbar braces and other assistive devices for treatment of chronic low back pain. *Cochrane Database Syst Rev*. 2024 Jul 8;7(7):CD015492. doi: 10.1002/14651858.CD015492. PMID: 38973783; PMCID: PMC11229067.
17. Negrini F, Febbo F, Tessadri F, Zonta A, Tavernaro M, Donzelli S, Zaina F, Negrini S. The New Modular Sforzesco Brace (Modular Italian Brace) Is as Effective as the Classical One: A Retrospective Controlled Study from a Prospective Cohort. *J Clin Med*. 2024 Apr 3;13(7):2075. doi: 10.3390/jcm13072075. PMID: 38610839; PMCID: PMC11012574.
18. Romano M, Minozzi S, Bettany-Saltikov J, Zaina F, Chockalingam N, Kotwicki T, Maier-Hennes A, Arienti C, Negrini S. Therapeutic exercises for idiopathic scoliosis in adolescents. *Cochrane Database Syst Rev*. 2024 Feb 28;2(2):CD007837. doi: 10.1002/14651858.CD007837.pub3. PMID: 38415871; PMCID: PMC10900302.
19. Fregna G, Rossi Raccagni S, Negrini A, Zaina F, Negrini S. Personal and Clinical Determinants of Brace-Wearing Time in Adolescents with Idiopathic Scoliosis. *Sensors (Basel)*. 2023 Dec 25;24(1):116. doi: 10.3390/s24010116. PMID: 38202978; PMCID: PMC10780905.
20. Minotti M, Negrini S, Cina A, Galbusera F, Zaina F, Bassani T. Deep learning prediction of curve severity from rasterstereographic back images in adolescent idiopathic scoliosis. *Eur Spine J*. 2024 Nov;33(11):4164-4170. doi: 10.1007/s00586-023-08052-1. Epub 2023 Dec 6. PMID: 38055037.
21. Zaina F, Mutter U, Donzelli S, Lusini M, Kleinstueck FS, Mannion AF. How well can the clinician appraise the patient's perception of the severity and impact of their back problem? *Eur*

- Spine J. 2024 Jan;33(1):39-46. doi: 10.1007/s00586-023-08023-6. Epub 2023 Nov 18. PMID: 37980278.
22. Zaina F, Wynne J, Cohen L. Scoliosis and spinal deformities: twenty years of innovations. *Eur J Phys Rehabil Med.* 2023 Aug;59(4):502-504. doi: 10.23736/S1973-9087.23.08218-7. PMID: 37746782; PMCID: PMC10548475.
 23. Negrini F, Cina A, Ferrario I, Zaina F, Donzelli S, Galbusera F, Negrini S. Developing a new tool for scoliosis screening in a tertiary specialistic setting using artificial intelligence: a retrospective study on 10,813 patients: 2023 SOSORT award winner. *Eur Spine J.* 2023 Nov;32(11):3836-3845. doi: 10.1007/s00586-023-07892-1. Epub 2023 Aug 31. PMID: 37650978.
 24. Zaina F, Marchese R, Donzelli S, Cordani C, Pulici C, McAviney J, Negrini S. Current Knowledge on the Different Characteristics of Back Pain in Adults with and without Scoliosis: A Systematic Review. *J Clin Med.* 2023 Aug 9;12(16):5182. doi: 10.3390/jcm12165182. PMID: 37629224; PMCID: PMC10455254.
 25. Zaina F, Ferrario I, Caronni A, Scarano S, Donzelli S, Negrini S. Measuring Quality of Life in Adults with Scoliosis: A Cross-Sectional Study Comparing SRS-22 and ISYQOL Questionnaires. *J Clin Med.* 2023 Aug 1;12(15):5071. doi: 10.3390/jcm12155071. PMID: 37568473; PMCID: PMC10419552.
 26. Zaina F, Donzelli S, Negrini S. The effectiveness of scoliosis treatment is not a matter of the type of brace. *N Am Spine Soc J.* 2023 Apr 14;14:100218. doi: 10.1016/j.xnsj.2023.100218. PMID: 37214262; PMCID: PMC1019249.
 27. Negrini S, Zaina F, Buyukaslan A, Fortin C, Karavidas N, Kotwicki T, Korbel K, Parent E, Sanchez-Raya J, Shearer K, Yilmaz HG, Donzelli S, Caronni A. Cross-cultural validation of the Italian Spine Youth Quality of Life questionnaire: the ISYQOL international. *Eur J Phys Rehabil Med.* 2023 Jun;59(3):364-376. doi: 10.23736/S1973-9087.23.07586-X. Epub 2023 May 17. PMID: 37195649; PMCID: PMC10272934.
 28. Donzelli S, Fregna G, Zaina F, Livetti G, Reitano MC, Negrini S. Predictors of Clinically Meaningful Results of Bracing in a Large Cohort of Adolescents with Idiopathic Scoliosis Reaching the End of Conservative Treatment. *Children (Basel).* 2023 Apr 13;10(4):719. doi: 10.3390/children10040719. PMID: 37189968; PMCID: PMC10136690.
 29. Parent EC, Donzelli S, Yaskina M, Negrini A, Rebagliati G, Cordani C, Zaina F, Negrini S. Prediction of future curve angle using prior radiographs in previously untreated idiopathic scoliosis: natural history from age 6 to after the end of growth (SOSORT 2022 award winner). *Eur Spine J.* 2023 Jun;32(6):2171-2184. doi: 10.1007/s00586-023-07681-w. Epub 2023 Apr 14. PMID: 37059884.
 30. Zaina F, Côté P, Cancelliere C, Di Felice F, Donzelli S, Rauch A, Verville L, Negrini S, Nordin M. A Systematic Review of Clinical Practice Guidelines for Persons With Non-specific Low Back Pain With and Without Radiculopathy: Identification of Best Evidence for Rehabilitation to Develop the WHO's Package of Interventions for Rehabilitation. *Arch Phys Med Rehabil.* 2023 Nov;104(11):1913-1927. doi: 10.1016/j.apmr.2023.02.022. Epub 2023 Mar 23. PMID: 36963709.
 31. Negrini A, Donzelli S, Vanossi M, Poggio M, Cordani C, Zaina F, Negrini S. Sports participation reduces the progression of idiopathic scoliosis and the need for bracing. An observational study of 511 adolescents with Risser 0-2 maturation stage. *Eur J Phys Rehabil Med.* 2023 Apr;59(2):222-227. doi: 10.23736/S1973-9087.23.07489-0. Epub 2023 Mar 9. PMID: 36892518; PMCID: PMC10167700.
 32. Zaina F, Donzelli S, Negrini S. Idiopathic Scoliosis: Novel Challenges for Researchers and Clinicians. *Children (Basel).* 2023 Jan 4;10(1):103. doi: 10.3390/children10010103. PMID: 36670653; PMCID: PMC9856543.
 33. Kan MMP, Negrini S, Di Felice F, Cheung JPY, Donzelli S, Zaina F, Samartzis D, Cheung ETC, Wong AYL. Is impaired lung function related to spinal deformities in patients with adolescent idiopathic scoliosis? A systematic review and meta-analysis-SOSORT 2019 award paper. *Eur Spine J.* 2023 Jan;32(1):118-139. doi: 10.1007/s00586-022-07371-z. Epub 2022 Dec 12. PMID: 36509885.
 34. Feise RJ, Mathieson S, Kessler RS, Witenko C, Zaina F, Brown BT. Benefits and harms of treatments for chronic nonspecific low back pain without radiculopathy: systematic review and meta-analysis. *Spine J.* 2023 May;23(5):629-641. doi: 10.1016/j.spinee.2022.11.003. Epub 2022 Nov 17. PMID: 36400393.
 35. Zaina F, Cordani C, Donzelli S, Lazzarini SG, Arienti C, Del Furia MJ, Negrini S. Bracing Interventions Can Help Adolescents with Idiopathic Scoliosis with Surgical Indication: A Systematic Review. *Children (Basel).* 2022 Oct 31;9(11):1672. doi: 10.3390/children9111672. PMID: 36360400; PMCID: PMC9688311.
 36. Negrini S, Tessadri F, Negrini F, Tavernaro M, Zonta A, Zaina F, Donzelli S. Impact of the

- Free-Pelvis Innovation in Very Rigid Braces for Adolescents with Idiopathic Scoliosis: Short-Term Results of a Matched Case-Control Study. *Children (Basel)*. 2022 Jun 11;9(6):871. doi: 10.3390/children9060871. PMID: 35740808; PMCID: PMC9222186.
37. Negrini S, Aulisa AG, Cerny P, de Mauroy JC, McAviney J, Mills A, Donzelli S, Grivas TB, Hresko MT, Kotwicki T, Labelle H, Marcotte L, Matthews M, O'Brien J, Parent EC, Price N, Manuel R, Stikeleather L, Vitale MG, Wong MS, Wood G, Wynne J, Zaina F, Bruno MB, Würsching SB, Yilgor C, Cahill P, Dema E, Knott P, Lebel A, Lein G, Newton PO, Smith BG. Correction to: The classification of scoliosis braces developed by SOSORT with SRS, ISPO, and POSNA and approved by ESPRM. *Eur Spine J*. 2022 Sep;31(9):2456-2457. doi: 10.1007/s00586-022-07273-0. Erratum for: *Eur Spine J*. 2022 Apr;31(4):980-989. doi: 10.1007/s00586-022-07131-z. PMID: 35697860.
 38. Negrini S, Di Felice F, Negrini F, Rebagliati G, Zaina F, Donzelli S. Correction to: Predicting final results of brace treatment of adolescents with idiopathic scoliosis: first out of brace radiograph is better than in brace radiograph-SOSORT 2020 award winner. *Eur Spine J*. 2022 Jul;31(7):1939. doi: 10.1007/s00586-022-07246-3. Erratum for: *Eur Spine J*. 2022 Dec;31(12):3519-3526. doi: 10.1007/s00586-022-07165-3. PMID: 35639158.
 39. Donzelli S, Loss KL, Zaina F, Negrini S. Observational Studies: Specific Considerations for the Physical and Rehabilitation Medicine Physician. *Am J Phys Med Rehabil*. 2022 Jun 1;101(6):575-580. doi: 10.1097/PHM.0000000000001824. PMID: 35594408.
 40. Negrini S, Donzelli S, Lusini M, Di Felice F, Zaina F. End of growth results of an optimised treatment for 40-degree idiopathic scoliosis at age 1: A case report. *Ann Phys Rehabil Med*. 2023 Apr;66(3):101671. doi: 10.1016/j.rehab.2022.101671. Epub 2022 Dec 2. PMID: 35489686.
 41. Costanzo G, Misaggi B, Ricciardi L, AlEissa SI, Tamai K, Alhelal F, Alqahtani Y, Alsobayel HI, Arand M, Balsano M, Blattert TR, Brayda-Bruno M, Busari JO, Campello M, Chhabra HS, Tamburrelli FC, Côté P, Darwono B, Kandziora F, La Maida GA, Muehlbauer EJ, Mulukutla RD, Pereira P, Rajasekaran S, Rothenfluh DA, Sullivan WJ, Truumees E, Dohring EJ, Pigott T, Shetty AP, Teli MGA, Wang JC, Ames C, Anema JR, Bang A, Cheung KMC, Gross DP, Haldeman S, Minisola S, Mullerpatan R, Negrini S, Salmi LR, Spinelli MS, Vlok A, Yankey KP, Zaina F, Alturkistany A, Franke J, Liljenqvist UR, Piccirillo M, Nordin M. SPINE20 recommendations 2021: spine care for people's health and prosperity. *Eur Spine J*. 2022 Jun;31(6):1333-1342. doi: 10.1007/s00586-022-07194-y. Epub 2022 Apr 7. PMID: 35391625; PMCID: PMC8989125.
 42. Negrini S, Di Felice F, Negrini F, Rebagliati G, Zaina F, Donzelli S. Predicting final results of brace treatment of adolescents with idiopathic scoliosis: first out-of-brace radiograph is better than in-brace radiograph- SOSORT 2020 award winner. *Eur Spine J*. 2022 Dec;31(12):3519-3526. doi: 10.1007/s00586-022-07165-3. Epub 2022 Apr 4. Erratum in: *Eur Spine J*. 2022 Jul;31(7):1939. doi: 10.1007/s00586-022-07246-3. PMID: 35376983.
 43. Grivas TB, Negrini S, Aubin CE, Aulisa AG, De Mauroy JC, Donzelli S, Hresko MT, Kotwicki T, Lou E, Maruyama T, Parent EC, Rigo M, Thometz JG, Wong MS, Zaina F. Nonoperative management of adolescent idiopathic scoliosis (AIS) using braces. *Prosthet Orthot Int*. 2022 Aug 1;46(4):383-391. doi: 10.1097/PXR.000000000000117. Epub 2022 Mar 23. PMID: 35320151.
 44. Negrini S, Aulisa AG, Cerny P, de Mauroy JC, McAviney J, Mills A, Donzelli S, Grivas TB, Hresko MT, Kotwicki T, Labelle H, Marcotte L, Matthews M, O'Brien J, Parent EC, Price N, Manuel R, Stikeleather L, Vitale MG, Wong MS, Wood G, Wynne J, Zaina F, Bruno MB, Würsching SB, Yilgor C, Cahill P, Dema E, Knott P, Lebel A, Lein G, Newton PO, Smith BG. The classification of scoliosis braces developed by SOSORT with SRS, ISPO, and POSNA and approved by ESPRM. *Eur Spine J*. 2022 Apr;31(4):980-989. doi: 10.1007/s00586-022-07131-z. Epub 2022 Feb 21. Erratum in: *Eur Spine J*. 2022 Sep;31(9):2456-2457. doi: 10.1007/s00586-022-07273-0. PMID: 35190896.
 45. Negrini S, Donzelli S, Negrini F, Arienti C, Zaina F, Peers K. A Pragmatic Benchmarking Study of an Evidence-Based Personalised Approach in 1938 Adolescents with High-Risk Idiopathic Scoliosis. *J Clin Med*. 2021 Oct 28;10(21):5020. doi: 10.3390/jcm10215020. PMID: 34768544; PMCID: PMC8584294.
 46. Negrini S, Donzelli S, Jurenaite G, Negrini F, Zaina F. Efficacy of bracing in early infantile scoliosis: a 5-year prospective cohort shows that idiopathic respond better than secondary-2021 SOSORT award winner. *Eur Spine J*. 2021 Dec;30(12):3498-3508. doi: 10.1007/s00586-021-06889-y. Epub 2021 Jun 6. PMID: 34091763.
 47. Zaina F, Poggio M, Di Felice F, Donzelli S, Negrini S. Bracing adults with chronic low back pain secondary to severe scoliosis: six months results of a prospective pilot study. *Eur Spine J*. 2021 Oct;30(10):2962-2966. doi: 10.1007/s00586-021-06808-1. Epub 2021 Mar 17. PMID: 33733328.
 48. Negrini F, Heitmann K, Luceri F, Donzelli S, Zaina F, Mangiavini L, Negrini S. Reliability, repeatability and comparison to normal of a set of new stereophotogrammetric parameters to Fabio Zaina

- detect trunk asymmetries. *J Biol Regul Homeost Agents*. 2020 Jul-Aug;34(4 Suppl. 3):175-181. Congress of the Italian Orthopaedic Research Society. PMID: 33261274.
49. Negrini S, Donzelli S, Negrini A, Negrini A, Romano M, Zaina F. Feasibility and Acceptability of Telemedicine to Substitute Outpatient Rehabilitation Services in the COVID-19 Emergency in Italy: An Observational Everyday Clinical-Life Study. *Arch Phys Med Rehabil*. 2020 Nov;101(11):2027-2032. doi: 10.1016/j.apmr.2020.08.001. Epub 2020 Aug 12. PMID: 32800748; PMCID: PMC7422840.
 50. Negrini A, Donzelli S, Romano M, Zaina F, Negrini S. The active self-correction component of scoliosis-specific exercises has results in the long term, while the stabilization component is sufficient in the short term. *Prosthet Orthot Int*. 2020 Aug;44(4):263-264. doi: 10.1177/0309364620916346. Epub 2020 Jun 11. PMID: 32524898.
 51. Zaina F, Di Felice F, Donzelli S, Negrini S. Symptomatic adult spinal deformity: implications for treatment and research. *Ann Transl Med*. 2020 Apr;8(7):515. doi: 10.21037/atm.2020.01.46. PMID: 32395559; PMCID: PMC7210213.
 52. Zaina F, Balagué F, Battié M, Karppinen J, Negrini S. Low back pain rehabilitation in 2020: new frontiers and old limits of our understanding. *Eur J Phys Rehabil Med*. 2020 Apr;56(2):212-219. doi: 10.23736/S1973-9087.20.06257-7. Epub 2020 Mar 25. PMID: 32214063.
 53. Dolan LA, Donzelli S, Zaina F, Weinstein SL, Negrini S. Adolescent Idiopathic Scoliosis Bracing Success Is Influenced by Time in Brace: Comparative Effectiveness Analysis of BrAIST and ISICO Cohorts. *Spine (Phila Pa 1976)*. 2020 Sep 1;45(17):1193-1199. doi: 10.1097/BRS.0000000000003506. PMID: 32205704.
 54. Donzelli S, Zaina F, Negrini S. Predicting scoliosis progression: a challenge for researchers and clinicians. *EClinicalMedicine*. 2020 Jan 6;18:100244. doi: 10.1016/j.eclinm.2019.100244. PMID: 31993579; PMCID: PMC6978184.
 55. Negrini S, Donzelli S, Di Felice F, Zaina F, Caronni A. Construct validity of the Trunk Aesthetic Clinical Evaluation (TRACE) in young people with idiopathic scoliosis. *Ann Phys Rehabil Med*. 2020 May;63(3):216-221. doi: 10.1016/j.rehab.2019.10.008. Epub 2019 Dec 6. PMID: 31816447.
 56. Zaina F, Negrini S. Are Back Schools beneficial for patients with chronic non-specific low back pain? - A Cochrane Review summary with commentary. *Musculoskelet Sci Pract*. 2019 Dec;44:102060. doi: 10.1016/j.msksp.2019.102060. Epub 2019 Sep 14. PMID: 31561181.
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PATENTE O PATENTI

Patente di guida A e B

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