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🌐 <https://www.linkedin.com/in/emanuela-serritella-33111563/>🔗 <https://orcid.org/0000-0003-4694-7032>**SHORT BIO**

Emanuela Serritella has been collaborating with the Department of Oral and Maxillofacial Sciences at the Sapienza University of Rome since 2012. She is a Doctor of Dental Medicine and Specialist in Orofacial Pain and Orthodontics. Moreover, she is a licensed Acupuncturist and expert of Traditional Chinese and Korean Medicine. She completed her PhD in “Innovative Technologies in Diseases of the Skeleton, Skin and Oro-Cranio-Facial District” in June 2022, with a special focus on the application of acupuncture and other traditional and innovative TCM techniques in orofacial pain patients through different clinical and molecular studies, even collaborating with the Karolinska Institutet of Stockholm, where she spent her international mobility period. From that year, she has been working at the Department of Oral and Maxillofacial Sciences at the Sapienza University of Rome, exploring different research topics, with specific concern on orofacial and TMD pain management. In particular, as a result of the funding she won during her PhD period, she is currently deepening the effect of laser acupuncture on autonomous nervous system modulation, through the use of innovative and noninvasive technology. During and after the Specialisation and the PhD period, Emanuela Serritella has been lecturer, tutor and clinical trainer in courses at graduate and MSc level, as well as in private acupuncture institutes and associations. Additionally, she has been working as private practitioner as orthodontics and orofacial pain specialist consultant since 2012, and as acupuncturist since 2018.

Emanuela Serritella has always been passionate in pain management. The search for further tools to treat the complex disorders of the craniofacial area led her to deepen non-conventional therapies, especially acupuncture. She masters quantitative and qualitative research methods to learn more about Evidence-Based acupuncture application in patient with oro-cranio-facial pain, its integration with conventional therapies, and contribute to their improvement in terms of quality and safety.

EDUCATIONJanuary 2019 –
June 2022**PhD in Innovative Technologies in Diseases of the Skeleton, Skin and Oro-Cranio-Facial District - 01/06/2022**

Area: Orofacial Pain and Acupuncture

Sapienza University– Department of Oral and Maxillofacial Sciences, Rome, Italy

- Doctoral Dissertation: “OROFACIAL PAIN AND TRADITIONAL CHINESE MEDICINE: Integrated Clinical Approach of Acupuncture with other Traditional and Innovative Methods for the Management of Pain in Dysfunctional and Orthodontic Patients
- Supervisor: Prof. Carlo Di Paolo
- Co-supervisors: Prof. Malin Emberg (Karolinska Institutet), Prof. Gabriella Galluccio
- 110/110 cum laude – Top grade

December 2014 –
January 2017**Specialisation in Orthodontics - 26/01/2017***Sapienza University- Specialisation School in Orthodontics, Rome, Italy*

- Sp. Thesis: “Auriculotherapy used for the control of pain in the orthodontic patient”
- Supervisor: Prof. Gabriella Galluccio
- 70/70 cum laude – Top grade

January 2013 –
January 2014**Master's Degree in Temporomandibular Joint Pathology: Diagnosis and Therapy - 20/01/2014***Sapienza University– Department of Oral and Maxillofacial Sciences, Rome, Italy*

- Thesis: “Longitudinal epidemiological study comparing different patient populations with TMJ dysfunction”
 - Supervisor: Prof. Carlo Di Paolo
 - 110/110 cum laude – Top grade

- September 2006 – **Dentistry and Dental Prosthodontics Degree - DMD - 15/11/2012** +
 November 2012 *Laurea Specialistica a ciclo unico in Odontoiatria e P.D.*
 Area: Gnathology and Orofacial Pain
Sapienza University, Rome, Italy
 - Thesis: “Heavy Metal Analysis in patients with TMJ dysfunction compared to healthy subjects”.
 - Supervisor: Prof. Carlo Di Paolo
 - Co-supervisor: Prof. Fedele Manna
 - 110/110 cum laude – Top grade
 - Qualification to professional practice: Albo dell'Ordine dei Medici Chirurghi e degli Odontoiatri di Roma (n.p. 6298/O)

- 2000 - 2005 **Classical High School Diploma - Liceo Classico**
Liceo Classico Quinto Orazio Flacco, Potenza, Italy

- TRADITIONAL MEDICINE AND ACUPUNCTURE**

- January 2022– **2022 Korean Medicine Online Training Program**
 December 2022 *International Educational Institute of Korean Medicine (IEIKM)
 College of Korean Medicine, Kyung Hee University, Seoul*

- July 2019–July **Advanced Training Course on Acupuncture & Moxibustion**
 2019 *World Federation of Acupuncture-Moxibustion Societies (WFAS), Beijing, China*

 Internships:
 China Academy of Chinese Medical Sciences (CACMS), Beijing
 CACMS Hospital of Acupuncture-Moxibustion, Beijing
 Gulou TCM Hospital, Acupuncture Department, Beijing

- September 2015 – **Three-year Advanced Training Course in Acupuncture- Moxibustion**
 June 2018 *Paracelsus Institute School of Advanced Studies, Rome, Italy*
 - Qualification to acupuncture professional practice: Registro di Agopuntura (n.p. 503) - Ordine dei Medici Chirurghi e degli Odontoiatri di Roma

- Seminars**

- January 2021 **The new concept of aesthetic medicine KSM acupuncture face (KAF)**
Ki College Health Sciences of Medicine, Avellino, Italy

- October 2019 **Agolifting- Korean Facial Acupuncture**
Integrative Medical Acupuncture Association (Agopuntura Medica Integrata, AMI), Siena, Italy

- November 2017 **Abdominal Acupuncture**
Paracelsus Institute School of Advanced Studies, Rome, Italy

- October 2017 **Theoretical and practical training on Auricular therapy**
Paracelsus Institute School of Advanced Studies, Rome, Italy

- March 2016 **TCM-CAD (Traditional Chinese Medicine Combined Approach for Chronic Diseases)**
Paracelsus Institute School of Advanced Studies, Rome, Italy

PROFESSIONAL EXPERIENCE

CLINICS AND RESEARCH

- November 2012- to date **Orofacial Pain and Clinical Gnathology Unit**
Department of Oral and Maxillofacial Sciences - Umberto I Hospital, Sapienza University, Rome
- TMD and Orofacial Pain patients' clinical management
 - Clinical research activity
 - Unit research project coordination
 - **Post-doctoral research activity** (Sept 2022-Oct 2023)
 Project: ANS response to laseracupuncture stimulation in TMD pain patients (RCT)
- March 2021- September 2021 **Division of Oral Diagnostics and Rehabilitation**
Department of Dental Medicine, Karolinska Institutet, Stockholm
- Teaching, clinical and laboratory research activity
 - Project: Salivary proteic response to acupuncture for temporomandibular disorders (ACUPROTMD): A pilot project.
- March 2015- February 2020 **Paracelsus Clinic Centre**
Italian Centre for Non-Conventional Medicine, Paracelsus Institute, Rome
- Outpatient dental clinic activity
 - Clinical tutor and lecturer
- December 2014- January 2018 **Orthodontics Unit**
Head-Neck Department - Umberto I Hospital, Sapienza University, Rome
- Orthodontic patients' clinical management
 - Clinical research activity
- October 2012- November 2013 **Ward of Orthodontics**
Orthodontic Division, G. Eastman Hospital, Rome
- Clinical orthodontic activity

TEACHING, TUTORING AND SUPERVISION

- January 2017 – to date **Degree Course in Dentistry and Dental Prosthetics**
Sapienza University, Rome
 Lecturer and tutor for the courses of “Gnathology” and “Orthodontics”
- January 2018 – to date **Master's degree in “Gnathology: diagnosis and therapy”**
Sapienza University, Rome
 Lecturer of the course “Acupuncture and Phytotherapy for the Dysfunctional Patient”
 Clinical tutoring and supervision
- 2017 – 2019 **Paracelsus Institute**
Paracelsus Institute School of Advanced Studies, Rome, Italy
 Clinical tutoring and lecturer for the seminar “Traditional Chinese Medicine in Dentistry”
- 2019 – to date **AIRNP - International Association of Reflexotherapy Neuromodulation Posturology**
Associazione Internazionale di Riflessoterapia Neuromodulazione Posturologia (AIRNP)
 Clinical tutoring and scientific secretariat
- 2021 – to date **IFAN - Acupuncture and Neuromodulation Institute**
Istituto di Formazione in Agopuntura e Neuromodulazione (IFAN), Rome
 Teaching, tutoring and research

PRIVATE PRACTICE

November 2012 – to date

Orofacial pain and Orthodontics specialist and exclusive clinical practice. Management of TMD patient and orthodontic therapy of the growing/adult patient: interceptive and functional therapy, removable, fixed (MBT and Damon System), invisible orthodontics (Invisalign certified). Integration of dental therapies with non-conventional methods: Acupuncture, Auriculotherapy, complementary TCM methods, Phytotherapy and TCM nutrition.

TRANSLATION

2017 – to date

ORIENTAMENTI MTC & World Journal of Acupuncture - Moxibustion (ISSN 1972-0181)

- active member of the Translators Scientific Coordination
- translator into Italian language of scientific articles

PUBLICATIONS AND ARTICLES

Author of one book chapter, 20 scientific articles in international peer-review journals, 9 published conference papers, 25 scientific posters and 10 translations of scientific article for the journal *Orientamenti MTC*.

Main Publications

Serritella E. *Medicina Cinese e Ricerca Scientifica*. Deodato F. et al. Gnatologia e DCCM oltre segni e sintomi. Martina Edizioni 2023 Jan. ISBN 978-88-7572-198-5

Serritella E, Galluccio G, Di Paolo C. Abdominal Acupuncture for Non-Responding TMD Patients: a Retrospective Observational Study in General Practice. *J Acupunct Meridian Stud.* 2023 Apr 30;16(2):56-64. doi: 10.51507/j.jams.2023.16.2.56. PMID: 37076180.

Serritella E, Impellizzeri A, De Stefano A, Musone L, Galluccio G. *Cranio-cervical posture and rapid palatal expansion therapy.* *J Orthod Sci.* 2022 May 4; 11:13. doi: 10.4103/jos.jos_128_21. PMID: 35754428; PMCID: PMC9214420.

Impellizzeri A, Horodyski M, De Stefano A, Serritella E, Polimeni A, Galluccio G. *The cornea as a reference point in orthodontic diagnosing, a retrospective study.* *Clin Ter.* 2022 Apr 4;173(2):141-148. doi: 10.7417/CT.2022.2408. PMID: 35385037.

Serritella E, Impellizzeri A, Liguori A, Galluccio G. *Auriculotherapy used to manage orthodontic pain: a randomized controlled pilot study.* *Dental Press J Orthod.* 2021 Dec 17;26(6): e2119381. PMID: 34932772; PMCID: PMC8690330.

Serritella E, Galluccio G, Impellizzeri A, Di Giacomo P, Di Paolo C. *Comparison of the effectiveness of three different acupuncture methods for TMD-related pain: a randomized clinical study.* *Evid Based Complement Alternat Med* 2021 Nov 30; 2021:1286570. doi: 10.1155/2021/1286570. PMID: 34858506; PMCID: PMC8632462.

Serritella E, Migliaccio S, Musone L, Impellizzeri A, Galluccio G. *Perceived pain during rapid maxillary expansion (RME): trends and anatomical distinctions.* *Pain Res Manag* 2021 Jul 14; 2021:7396466. doi: 10.1155/2021/7396466. PMID: 34336069; PMCID: PMC8295004.

De Stefano AA, Di Chicco A, Impellizzeri A, Serritella E, Guercio-Mónaco E, Galluccio G. *Unilateral Condylar Hyperplasia: A Three-Dimensional CBCT Morphometric and Volumetric Evaluation of Mandibular Condyle by Open-Source Softwares.* *Int J Morph* 2021 Aug 2021; 39(4):1164-1170. doi: 10.4067/S0717-95022021000401164.

Di Giacomo P, Serritella E, Imondi F, Di Paolo C. *Psychological impact of COVID-19 pandemic on TMD subjects.* *Eur Rev Med Pharmacol Sci.* 2021 Jul;25(13):4616-4626. doi: 10.26355/eurrev_202107_26254. PMID: 34286503.

Impellizzeri A, Horodyski M, Serritella E, Palaia G, De Stefano A, Polimeni A, Galluccio G. *Uncovering and Autonomous Eruption of Palatally Impacted Canines-A Case Report.* *Dent J (Basel).* 2021 Jun 9;9(6):66.

Impellizzeri A, Horodyski M, De Stefano AA, Guercio-Monaco E, Palaia G, Serritella E, Polimeni A, Galluccio G. *Disinclusion of Palatally Impacted Canines with Surgical and Photobiomodulating Action of a Diode Laser: Case Series.* *Applied Sciences* 2021, May 2021; 11(11):4869. doi: 10.3390/dj9060066. PMID: 34207531; PMCID: PMC8229895.

- Serritella E, Scialanca G, Di Giacomo P, Di Paolo C. *Local Vibratory Stimulation for Temporomandibular Disorder Myofascial Pain Treatment: A Randomised, Double-blind, Placebo-controlled Preliminary Study*. Pain Res Manag 2020 Dec 5; 2020:6705307. doi: 10.1155/2020/6705307. PMID: 33354268; PMCID: PMC7735843.
- Di Giacomo P, Ferrato G, Serritella E, Polimeni A, Di Paolo C. *Muscular pattern in patients with temporomandibular joint disc displacement with reduction: an electromyographical assessment*. Clin Ter. 2020 Sep-Oct;171(5): e414-e420. doi: 10.7417/CT.2020.2251. PMID: 32901785.
- Serritella E, Di Giacomo P, Vompi C, Falisi G, Di Paolo C. *Longitudinal epidemiological analysis of three decades of TMD populations*. Dent Cadmos. 2020 Jan 22; 88(8):527-536. 10.19256/d.cadmos.08.2020.07
- Galluccio G, Impellizzeri A, De Stefano A A, Serritella E, Guercio Monaco E. *Multiple Dental Inclusion in Monozygotic Twins with Congenital Visual Impairment*. Case Rep Dent. 2020 Aug 6;8856206. doi: 10.1155/2020/8856206. PMID: 32832166; PMCID: PMC7428941.
- Vompi C, Serritella E, Galluccio G, Pistella S, Segnalini A, Giannelli L, Di Paolo C. *Evaluation of vision in gnathological and orthodontic patients with temporomandibular disorders: A prospective experimental observational cohort study*. J Int Soc Prevent Communit Dent. 2020 Jan 10(4):581. doi: 10.4103/jispcd.JISPCD_273_19. PMID: 33042891; PMCID: PMC7523923.
- Impellizzeri A, Horodyski M, Serritella E, Romeo U, Barbato E, Galluccio G. *Three-dimensional evaluation of dental movement in orthodontics*. Dent Cadmos 2020 Mar 88;3: 182-190. doi: 10.19256/d.cadmos.03.2020.07
- Tolevski Meshkova D, Di Giacomo P, Panti F, D'Urso A, Serritella E, Di Paolo C. *Application of a Systematic Protocol in the Treatment of TMDs With Occlusal Appliances: Effectiveness and Efficiency in a Longitudinal Retrospective Study With Medium-Term Follow-Up*. J Int Soc Prev Community Dent. 2019 Aug 6;9(4):372-382. doi: 10.4103/jispcd.JISPCD_106_19. PMID: 31516871; PMCID: PMC6714422.
- Impellizzeri A, Serritella E, Putrino A, Vizzielli G, Polimeni A, Galluccio G. *Assessment of masticatory and cervical muscles' thickness by ultrasonography in patients with facial asymmetry*. Clinica Terapeutica 2019 Jul-Aug 170; 4:272-277. doi: 10.7417/CT.2019.2147. PMID: 31304515.
- D'Urso A, Serritella E, Tolevski Meshkova D, Falisi G, Di Paolo C. *Headache and temporomandibular disorders: epidemiological assessment*. Minerva Stomatol. 2016 Apr;65(2):85-92. PMID: 27009413.
- Di Paolo C, Serritella E, Panti F, Falisi G, Manna F. *Heavy metals and pain in the dysfunctional patient*. Ann Stomatol (Roma). 2014 Jun 18;5(2):41-51. PMID: 25002917; PMCID: PMC4071364.
- Serritella E, Di Paolo C. *Bad Habbits: Key features and diagnostic Importance*. Webmed Central ORTHODONTICS 2014;5(1)

ADDITIONAL INFORMATIONS

Honours and awards

▪ WINNING FUNDING RESEARCH PROJECT

BANDO di Ateneo per la Ricerca - Sapienza University- Year 2021

Project: Efficacy, Safety and Economic Assessment of Laserneedle Acupuncture for Chronic Temporomandibular Disorder Pain: a Randomized Controlled Clinical Trial.
Research group: E Serritella, G Galluccio, G Palaia, U Romeo, C Di Paolo

▪ WINNING INDIVIDUAL MOBILITY GRANT

BANDO Mobilità Individuale – Sapienza University – Year 2020

Project: Salivary proteic response to acupuncture for temporomandibular disorders (ACUPROTMD): A pilot project.
University: Karolinska Institutet of Stockholm

- POSTER SESSION WINNER at the 2021 National Congress of the Italian Association in Gnathology and Orofacial Pain – AIGeDO (Associazione Italiana Gnatologia e Dolore Orofaciale)
Title: Comparison of three different acupuncture methods for treating TMD-related pain
Authors: *E Serritella*, G Galluccio, A Impellizzeri, P Di Giacomo, C Di Paolo
- MENTION OF MERIT at the 2018 Congress of Dentistry Lecturers (XXV Collegio dei Docenti di Odontoiatria) for the scientific poster session.
Title: Auriculotherapy for the management of orthodontic pain
Authors: *E. Serritella*, C. Vompi, AM. Boboc, A. Liguori, G. Galluccio
- INVITED SPEAKER
SIDO International Spring Meeting – Rome March 17-18, 2023
Contribution: Orofacial Pain and Dysfunction in Preadolescent Patients: Clinical Approach from Another Perspective

AIG Congress, Rome September 16-18, 2021
Contribution: Chinese Medicine and Evidence-Based Acupuncture

Membership to groups/
association

Member of Italian Association Gnathology and Orofacial Pain (Associazione Italiana Gnatologia e Dolore Orofaciale - AIGeDO), Italian Society of Orthodontics (Società Italiana di Ortodonzia -SIDO), Italian Society of Acupuncture (Società Italiana di Agopuntura – SIDA), World Federation of Acupuncture-Moxibustion Societies (WFAS).

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English, Level C1
Job-related skills	<ul style="list-style-type: none"> ▪ Involvement and management in research projects. ▪ Research proposal preparation. ▪ Teaching at BSc and MSc level and training activities for institutions and private schools. ▪ Tutoring and supervision activity of project works of MSc courses and Msc Thesis. ▪ Clinical tutoring and supervision in institutions and private schools. ▪ Involvement in scientific networks.
Digital skills	Software / Applications: S PSS. Microsoft Office Certificate: European Computer Driving Licence - ECDL – June 2004 Operating Systems: Windows
Other skills	<ul style="list-style-type: none"> ▪ Statistical analysis methods. ▪ Peer Review (international scientific Journals)
Personal data	I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".

Roma, novembre 2023