

PERSONAL INFORMATION Chiara Pavoni



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Languages: Italian, English

Qualification: RTDa MED/28, University of Rome "UniCamillus"

Gender Female | Date of birth 10/21/1981 | Italian nationality



Academic Position

- 2020 **ASN National Scientific Qualification for the Competition Sector 06/F1 – Odontostomatological Diseases.** Call 2018-2020. Second Tier: Enabled on 07/08/2020, valid until 07/08/2029.
- Oct 2023 to date **MED 28 researcher** with a fixed and defined term pursuant to art. 24, paragraph 3, letter a), L.240/2010 for the carrying out of research, teaching and supplementary teaching activities and service to students, lasting three years, University of Rome "UniCamillus"
- 2018 – Sept 2023 **MED 28 researcher** with a fixed and defined term pursuant to art. 24, paragraph 3, letter a), L.240/2010 for the carrying out of research, teaching and supplementary teaching activities and service to students, lasting three years, from 03/09/2018 to 02/09/2021, with renewal from 02/09/2021 to 02/09/2023. Department of Systems Medicine, University of Rome "Tor Vergata".

EDUCATION E
TRAINING

- 2000 Scientific high school diploma obtained at the "Primo Levi" Institute in Rome (RM) with an overall mark of 100/cents.
- 2006 **Degree in Dentistry and Dental Prosthetics**, Faculty of Medicine and Surgery, at the University of Rome "Tor Vergata", on 15 November, with a grade of 110/110 cum laude. Degree thesis in Orthodontics entitled "Class III Orthopedic Therapy: systematic review of the literature", supervisor Prof. Paola Cozza, holder of the chair of Orthodontics.
- Qualified to practice the profession of Dentistry in the November 2006 session.
- Registered in the Professional Register of the Order of Doctors, Surgeons and Dentists of Rome from 01-23-2007.
- 2006 - 2008 **Second level two-year university master's degree in orthodontics** (AY 2006-07/ 2007-08), director Prof. Paola Cozza, Faculty of Medicine and Surgery, University of Rome "Tor Vergata", concluded with honors on 07/11 /2008.
- 2009 - 2011 **Specialization in Orthodontics**, Faculty of Medicine and Surgery, University of Rome "Tor Vergata", concluded on 03/11/2011 with a score of 50/50 cum laude. Specialization thesis entitled "Factors predicting response to functional therapy in Class II Malocclusion", supervisor Prof. Paola Cozza, holder of the chair of Orthodontics.
- 2011 – 2015 **Research Doctorate XXVII cycle "Materials for Health Environment and Energy" - Dentistry Section - Faculty of Mathematical, Physical and Natural Sciences, University of Rome "Tor Vergata", Director Prof. S. Licoccia concluded with honours, on 6 May 2015. Doctoral thesis in orthodontics entitled "Thin-plate spline analysis of mandibular morphological changes induced by early class III treatment: a long-term evaluation", supervisor Prof. Paola Cozza.**
- 2021-2022 **Second level University Master in Orthodontics** director Dr. Roberta Lyone, Faculty of Medicine and Surgery, Unicamillus International Medical University in Rome, concluded with honors.



EXPERIENCE PROFESSIONAL

Didactic, clinical activities and teaching assignments

- 2022--2023** Teaching assignment for the third year of the Degree Course in Dentistry and Dental Prosthetics of the Departmental Faculty of Medicine Unicamillus International Medical University in Rome, academic year 2022/2023, II semester MED/28 Dental Materials,
- 2011 to date** 2 CFU Carries out research and participates in teaching activities, examination commissions and the drafting of degree theses at the Chair of Orthodontics at the University of Rome "Tor Vergata".
- 2009-2010** Winner of a 12-month **scholarship** to carry out research activities on the topic of "Clinical analysis with Time 3 self-ligating equipment" awarded through a public competition (qualifications and interview). The research activity was carried out at the Department of Odontostomatological Sciences of the University of Rome "Tor Vergata" under the scientific direction of Prof. Paola Cozza.
- 2010-2011** Winner of a 12-month **scholarship** to carry out research activities on the topic of "Clinical analysis with Time 3 self-ligating equipment". The research activity was carried out at the Department of Odontostomatological Sciences of the University of Rome "Tor Vergata" under the scientific direction of Prof. Paola Cozza.
- 2012-2013** Winner of a 3-month **scholarship** to carry out research activities on the topic of "Clinical analysis with self-ligating equipment". The research activity was carried out at the Department of Clinical Sciences and Translational Medicine of the University of Rome "Tor Vergata" under the scientific direction of Prof. Paola Cozza.
- 2013 to date** **Holder** of a freelance professional contract, as a Specialist Dentist at the PTV Policlinico Foundation of Tor Vergata, affiliated with the School of Specialization in Orthodontics of the University of Rome "Tor Vergata", for carrying out support activities for EXTRA-LEA services (Stipulated on 09-05-2013).
- 2013 - 2018** **Clinical Tutor** of the Specialization School of Orthodontics at the University of Rome "Tor Vergata".
- 2014** **Clinical Tutor** for the professionalizing activity of teaching Orthodontics, Prof. P. Cozza, at the Dentistry and Dental Prosthetics degree course, (CLMOPD) University of Rome "Tor Vergata".
- 2015 - 2018** **Tutor** for the teaching activity of the University Specialization Course in Orthodontics at the University of Rome "Tor Vergata" (Director Prof. P. Cozza).
- 2016 - 2017** **Teacher of the II level Master in Orthodontics** at the University of Rome "Tor Vergata" (Director Prof. P. Cozza).
- 2016 - 2017** **Contract professor** with teaching assignment (20 hours) for the implementation of the integrative course/teaching "Step system orthodontic diagnosis" of the official course/integrated course of professionalized Orthodontics, at the Degree course/Specialization School in Orthodontics, University of Studies of Rome "Tor Vergata".
- 2017 - 2018** **Contract professor** with the teaching role of 1 frontal credit for the teaching "3D diagnosis of malocclusions" and 1 frontal credit for the teaching "The control of vertical defects" included in the Specific Disciplines of the Type of the School of Orthodontics, sector scientific disciplinary MED/28, University of Rome "Tor Vergata".
- 2018 - 2021** **MED/28 researcher** with a fixed and defined term pursuant to art. 24, paragraph 3, letter a),



L.240/2010 for the carrying out of research, teaching and supplementary teaching activities and service to students, lasting three years, from 07/26/2018 to 12/25/2021, with renewal from 12/26/2021 to 25/ 12/2023. Department of Systems Medicine University of Rome "Tor Vergata".

Assignment for the teaching "3D diagnosis of malocclusions" for a training load of 1 CFU- F at the School of Specialization in Orthodontics, University of the Studies of Rome "Tor Vergata".

Assignment for the teaching "The control of vertical defects" for a training load of 1 CFU- F at the School of Specialization in Orthodontics, University of Rome "Tor Vergata".

Assignment of CFU-Professionals in the first, second and third year of the School of Specialization in Orthodontics, University of Rome "Tor Vergata".

Effective member of the Profit Exam commissions for the Orthodontics course of the Master's Degree Course in Dentistry and Dental Prosthetics (CLMOPD), University of Rome "Tor Vergata".

Effective member of the Profit Exam commissions for the School of Specialization in Orthodontics, University of Rome "Tor Vergata".

Effective member of the Specialization Thesis commissions in Orthodontics, University of Rome "Tor Vergata".

Level II Master **Teaching** in Orthodontics (Director Prof. Paola Cozza), University of Rome "Tor Vergata".

Level II Master **Teaching** in Orthodontics (Director Dr. Roberta Lione), Unicamillus International Medical University in Rome.

Lecturer at the Doctoral School in Materials Health and Environment "Comparison of mechanical properties between Titanium alloy and stainless steel miniscrews" "In vitro and in vivo evaluation of diamond-coated strips in orthodontic practice". Rome, AA 2018/2019.

Specialization Thesis **Supervisor** of the Specialization School of Orthodontics at the "Tor Vergata" University of Rome.

2023

Teaching activities and teaching assignments at the University of Rome "Unicamillus"

Teaching assignment for the third year of the Degree Course in Dentistry and Dental Prosthetics of the Departmental Faculty of Medicine Unicamillus International Medical University in Rome, academic year 2022/2023, II semester MED/28 Dental Materials, 2 CFU

2021

Director of the Level II Master in Orthodontics "Clinical Indications and Therapeutic Protocols with Aligners" ay 2022-2023 at Unicamillus International Medical University in Rome

Director of the Level II Master in Orthodontics "The Straight Wire technique according to the treatment philosophy of Drs. McLaughlin and Bennet" academic year 2020-2021 at Unicamillus International Medical University in Rome

Teacher at the Master in Orthodontics "Aligners in Phase 1" AY 2021/2022

2011 - to date

Teaching activity at foreign universities

2011 - 2014

Contract professor of Clinical Orthodontics as part of the teaching activity of the II level Biennial Master in Orthodontics (Director Prof. P. Cozza), at the Nostra Signora del Buon Consiglio University of Tirana, during the academic years 2011-2012, I'AA 2012-2013, AA 2013-2014.



2011 - 2018

Lecturer for the teaching of Orthodontics, at the degree course in Dentistry and Dental Prosthetics (CLMOPD) of the Catholic University "NSBC" in Tirana (Albania) for a training load of 2 ECTS.

2018 – to date

Assignment for the teaching of Orthodontics, at the degree course in Dentistry and Dental Prosthetics (CLMOPD) of the "NSBC" Catholic University in Tirana (Albania) for a training load of 2 ECTS.

2010

Effective member of the Profit Exam commissions for the Orthodontics course of the Master's Degree Course in Dentistry and Dental Prosthetics (CLMOPD), Cattolica "NSBC" in Tirana (Albania).

Teaching activity at other Italian universities

2011

Lecturer at the Master in Orthodontics at the University of Foggia, AY 2009/2010.

Other educational activities

2012

Teacher of the training event "Diagnostic-therapeutic approach to Class II malocclusion", Sassari 16-17 September.

Teacher of the training event "Diagnostic-therapeutic approach to Class III malocclusion", Sassari 17-18 November.

Teacher at the training event "Class II Malocclusion" as part of the "Orthodontics Course: Basic Concepts and Simplified Therapeutic Approach", directed by Prof. Paola Cozza, Hospital Medical School at the Monumental Complex S. Spirito in Saxia – ASL RM E – Rome 6 April – 20 October.

2013 – to date

Clinical Experience

2018 – to date

Owner with a freelance work contract, as a Specialist Dentist at the PTV Policlinico Foundation of Tor Vergata, affiliated with the School of Specialization in Orthodontics of the University of Rome "Tor Vergata", (signed on 09 -05-2013).

SCIENTIFIC RESEARCH

Assignment Practical application internship in the School of Specialization as a tutor clinical.

From 2008 to today, Dr. Chiara Pavoni's scientific research activity has mainly taken place along the following lines of research:

1. Analysis of the patient in the growth phase and dento-skeletal anomalies in developmental age;
2. Analysis of the factors determining dento-skeletal anomalies, eruption problems and the creation of malocclusions;
3. Functional and orthopedic therapies for the resolution of malocclusions in the growing patient;
4. Use of digital and 3D diagnostic tools;
5. Application of 3D digital technologies in the creation of advanced therapy protocols;



6. Orthodontic therapies with transparent aligners in the growing patient and in the adult patient

A handwritten signature in black ink that reads "Chiara Pavoni".

Scientific collaboration for international and national research projects, eligible for funding on the basis of competitive calls that include peer review

Winners

- 2019 Winner of "Beyond Borders", year 2019, main CUN area 06-Medical Sciences, MED/28 Odontostomatological Diseases, research entitled "Oxidative stress evaluation in OSA patients treated with mandibular advancement devices – OSARE". Cozza P, **Pavoni C**, Lyon R, Gioia M, Passali FM, Di Pierro D, Gazzani F, Cretella Lombardo E, Giaccotti TO.
- Winner of contribution for UNICNSBC research project of Tirana (Albania), year 2019, search from title: "Concept of a mandibular advancement device in adult patients affected by OSAS"
Cozza P, Lyon **R**, **Pavoni C**, Cretella Lombardo E, Gazzani F, Savio G, Grigolato L, Cantarella D.

Scientific responsibility for international and national research projects, admitted for funding on the basis of competitive calls that include peer review

- 2020 Winner as Co-Investigator EMEA Align research Award program "Maxillary arch development during treatment with Invisalign First: a Randomized Clinical Trial". Lyon **R**, **Pavoni C**, Cozza P, Meuli S, Gazzani F.
- 2021 Winner as Co-Investigator EMEA Align research Award program "Comparison between edgewise appliance and Invisalign during treatment with Class II elastics: cephalometric appraisal of vertical changes". Lyon **R**, **Pavoni C**, Cozza P, Paoloni V, Gazzani F, Bartolommei L.
- 2022 Winner as Co-Investigator EMEA Align research Award program "Cephalometric assessment of mandibular sequential distalization with Invisalign in Class III patients". Lyon **R**, **Pavoni C**, Cozza P, Gazzani F, Cretella Lombardo E.
- Winner as Consultant EMEA Align research Award program "Effects of IPR by mechanical oscillating strips system on biological structures: a qualitative evaluation". Lyon R, Cozza P, Gazzani F, **Pavoni C**, Cretella Lombardo E.

Participation in the activities of a research group characterized by collaborations at a national or international level

- 2008 to date Research collaboration with Prof. Lorenzo Franchi, teaching of Orthodontics of the Department of Surgery and Translational Medicine of the University of Florence.
- 2016-2018 International research collaboration with Universidade Estadual Paulista, Araçatuba School of Dentistry, Brazil from 01-01-2016 to 01-01-2018.
- 2017-2019 International research collaboration with Prof. Bernardo Quiroga Souki, Pontifical Catholic University of Minas Gerais, Belo Horizonte, Brazil from 01-01-2017 to 31-12-2019.

Chiara Pavoni

Participation in editorial committees of international journals

2020 to date

Member of the **Scientific Reading Committee** (reviewer) of the following scientific journals:

- European Journal of Orthodontics from 01-01-2011 to today (journal with IMPACT factor)
- Angle of Orthodontist from 01-01-2014 to today (reviewed with IMPACT factor)
- Journal Orofacial Orthopedics from 01-01-2015 to today (journal with IMPACT factor)
- Progress in Orthodontics from 01-01-2015 to today (reviewed with IMPACT factor)
- Journal of Orthodontics from 01-01-2017 to today (journal with IMPACT factor)

Participation in boards of directors of national and international scientific societies

2014

Fellow of the World Federation of Orthodontists since 08-10-2014.

2019 to date

Active member of SIDO (Italian Society of Orthodontics) since 10/16/2019.

Achievement of prizes and recognition for scientific activity

2010

Best scientific communication award

Best scientific communication award XVII Symposium of Italian Orthodontic Schools - Oral communications session: "Interceptive treatment of impacted incisors" Pavoni C. Napoli 2 March

2012

Best poster award College of Dentistry Teachers – Orthodontics session "Epidemiological clinical analysis of temporomandibular joint disorders" Ranieri S, Pavoni C, Laganà G. Turin 12-14 April

2013

Honorable Mention – XX National Congress of the College of Dentistry Teachers – session

Orthodontics 3 "Thin-Plate Spline of treatment-induced mandibular morphological changes

early Class III: long-term evaluation" Cerroni S, Franchi L, Pavoni C. Rome 18/20

April

2015

Eligible to pass the 2015 exam session for the SIDO Model Display. Milan, 10 October.

Ordinary Member SIDO Italian Society of Orthodontics from 10/31/2015 to today

2018

Clinical Award Table Clinic Joseph E. Johnson "Face Mask performance during orthopedic maxillary protraction: a Finite Element Analysis (FEA)". American Association of Orthodontics Annual Session. Washington DC 4-8 May 2018. from 04-05-2018 to 08-05-2018.

Best Poster Award 49th International SIDO Congress – session "An upgrade on Retention and Long Term Stability" – TPS analysis of mandibular morphological changes induced by functional therapy in the long term: the role of the timing of



- 2019 treatment" Cretella Lombardo E, Loberto S, Pavoni C. Firenze, 11-13 October
- First prize for the topic "Advances in treatment of Class III Malocclusion", with the Poster "Soft tissue facial profile in Class III malocclusion: long-term postpubertal effects produced by the Face Mask Protocol" Gazzani F, Fiorile I, Chiavaroli A, Ricca G, Pavoni C. SIDO International Spring Meeting. Rome 24-25 May
- 2022 Honorable mention for the Poster "Digital therapeutic planning in a multidisciplinary patient". College of Dentistry teachers. Bologna, from 04-07-2022 to 04-09-2022.
- Invited speaker at scientific conferences in Italy or abroad
Communications with publications of Abstracts at scientific conferences in Italy or abroad
- 2008
- 2009 XIX SIDO International Conference "Dento-alveolar and skeletal asymmetries – Relapse after orthodontic therapy" – Communications Session: "Control of relapse in Class III orthopedic therapy", Pavoni C, Ballanti F. **Florence** 21 November. 2008
- SIDO Regional Course – Trentino Alto Adige, Friuli Venezia Giulia and Veneto – "The diagnostic-therapeutic approach to Class III malocclusions", Cozza P, Pavoni C. Trento 19 September 2009
- 2010 XXI SIDO International Congress "Friction, low friction, no friction" – Communications Session: "Self-ligating vs Invisalign: analysis of dento-alveolar effects" **Pavoni C**, Ballanti F, Laganà G. Rome 6 November 2009
- XV Symposium of Italian Orthodontic Schools – Communications Session: "Anchorage modulation in a hybrid system: in vitro study" Rozzi M, Ballanti F, **Pavoni C**. Siena 12 March 2010
- XXI SIDO International Congress – Communications Session: "Analysis of the vertical effects of therapy with preformed appliances in growing subjects with a deep bite" Lyon R, Pavoni C, Laganà G. Florence 25 November 2010
- 2012 XXI SIDO International Congress – Communications Session: "Effects of the therapeutic protocol with facial mask and bite block with or without rapid expansion of the palate", **Pavoni C**, Laganà G, Lyone R. Florence 25 November 2010
- XXIV SIDO International Congress – Oral Communications Session: "Analysis of long-term dento-skeletal effects and treatment timing in Class II functional therapy", Pavoni C, Lyone R, Ballanti F. Florence 10-13 October 2012
- XXIV SIDO International Congress – Oral Communications Session: "Systematic review of the literature: does rapid maxillary expansion cause unwanted effects in growing subjects?", Lyon R, Pavoni C, **Mucedero M**. Florence 10-13 October 2012
- 88th Congress of the European Orthodontic Society – Oral communication: "The effectiveness of Rapid Maxillary Expansion as an interceptive treatment for impacted maxillary incisors", C. Pavoni, M. Mucedero, V. Giuntini, T. Baccetti. Santiago de Compostela (Spain) 18-23 June 2012
- 2013 XVII Symposium of Italian Orthodontic Schools – Oral communications session: "Interceptive treatment of impacted incisors" Pavoni C. Napoli 2 March 2012



- 89th Congress of the European Orthodontic Society – Oral communication: “Radiographic assessment of maxillary incisor position after rapid maxillary expansion in children with clinical signs of eruption disturbance”, **C. Pavoni**, L. Franchi, P. Cozza. Reykjavik (Iceland) 26-29 June 2013
- 2014 89th Congress of the European Orthodontic Society – Oral communication: “Three-dimensional evaluation of masseter muscles in different vertical facial patterns: a sectional study in growing children”, Lyon R, Pavoni C, L. Franchi, P. **Cozza** . Reykjavik (Iceland) 26-29 June 2013
- 90th Congress of the European Orthodontic Society – Oral communication: “Long-term stability of mandibular changes produced by early treatment of Class III malocclusion”, **C. Pavoni**, R. Lyon, L. Franchi, P. Cozza. Warsaw (Poland) 18-22 June 2014
- I International Symposium of Albanian Orthodontic Society – Oral Communication: “Class II malocclusion with mandibular retrusion”, **C. Pavoni**. Tirana 23-24 May 2014
- 2015 SIDO International Spring Meeting – Congressional Session “Interceptive Orthodontics: the State of the Art” Oral communication: “Clinical management of impacted maxillary incisors”, **C. Peacocks**. Turin 6-8 March 2014
- 46th SIDO International Congress – Oral Communications session: “Comparison of two protocols for the early treatment of Class III dentoskeletal malocclusion”, M. Vita, **C. Pavoni**, C. Masucci. Milan 29 October 2015
- 2016 Teacher of the training event “The dilemma of Class III: limits and therapeutic indications” – Provincial Order of Rome of Surgeons and Dentists. Rome 16 October 2015
- 47th SIDO International Congress “Patient-important outcomes in Orthodontics” – oral communication: “An alternative approach to sleep disorder breathing in children: a modified monoblock”, Cretella Lombardo E, Paoloni V, Pavoni C. Florence, 13-15 October 2016
- 2017 III ANDI Youth Congress – “Update in pediatric dentistry: best practices from primary prevention to early orthodontic interception” – Report: “Breathing problems during sleep in pediatric age: the role of the orthodontist”. P. Cozza, C. Pavoni. Rome 5 March 2016
- SIDO International Spring Meeting “Top clinical tips in daily practice” - Session Oral Communications - Facial Mask and Bite Block: follow up at the end of growth, Florence, 17-18 March 2017
- 2018 Speaker Si.Te.Bi. Italian Society of Two-Dimensional Technique “The Enchantment of the Smile” - Class III orthopedic therapy the aesthetic response, 04 March 2017
- 2022 Teacher of the training event “Respiratory Syndromes in Sleep: the clinical team of specialists - multidisciplinary” - Provincial Order of Rome of Surgeons and Dentists. Rome 25 February 2017
- 49th International SIDO Congress – session “An upgrade on Retention and Long Term Stability” – TPS analysis of mandibular morphological changes induced by functional therapy in the long term: the role of treatment timing” Cretella Lombardo E, Loberto S, Pavoni C. Firenze, 11-13 October 2018
- 2007
- SIDO International Spring Meeting – Innovation meets tradition – session “How Research Can Improve Daily Practice” - New Therapeutic Chances in Growing Patient in the Digital Era: from Research to Clinical Practice 18-19 March 2022
- 2008



Posters at Italian and foreign conferences with publication of Abstracts

- 2009
- 14th National Congress of the "College of Teachers of Dentistry" – Poster Session: "Systematic review of the literature on Class III orthopedic therapy: qualitative analysis", Pavoni C, De Toffol L, Baccetti T, Franchi L. Rome 18-21 April
- SIDO Spring Meeting "Timing Efficiency and the Future of Orthodontics" – Poster Session: "Dento-periodontal and skeletal effects of RME evaluated with CT protocol", Pavoni C, Panfilio F, Mucedero M, Viarani S, De **Angelis** B. Venice 8-11 May.
- 84th Congress of the European Orthodontic Society – Poster Session : "Comparative Analysis of Two Treatment Protocols for Dentoskeletal Openbite", **Pavoni** C, Mucedero M, Ballanti F, De Toffol L. Lisbon 10-14 June
- XIV Symposium of Orthodontic Schools – Poster Session: "Clinical effectiveness of self-ligating appliances", **Pavoni** C. Rome 27-28 February
- National Congress of the College of Professors of Odontostomatological Disciplines and Maxillofacial Surgery - Poster Session: "Short and long-term effects of treatment with Facial Mask and Bite Block in subjects with Class III malocclusion", Pavoni C, Mucedero M, **Ballanti** F. Rome 22-24 April
- National Congress of the College of Teachers of Dental and Stomatological Disciplines Maxillofacial Surgery – Poster Session: "Dento-periodontal effects of RME evaluated with CT protocol", Lyon R, **Pavoni** C, Righi M
- 2010
- National Congress of the College of Professors of Odontostomatological Disciplines and Maxillofacial Surgery - Poster Session: "Cross-sectional dento-skeletal characteristics in patients with mixed dentition with anterior open bite: morphometric study on postero-anterior telerradiography", Pavoni C, Ballanti F, **Baccetti** T Rome 22-24 April.
- 109th Annual Session of the American Association of Orthodontics – Poster Session : "Treatment and post-treatment dentoskeletal effects of RME investigated by low-dose CT scans", Righi M, Pavoni C, Giuntini V, Baccetti T, Cozza P. Boston **May** 1 -5
- 86th Congress of the European Orthodontic Society – Poster Session: "An in vitro study of friction of conventional ligaments with self-ligating brackets", Ricchiuti MR, Ballanti F, **Pavoni** C. Portoroz (Slovenia) 15-19 June.
- 2011
- 86th Congress of the European Orthodontic Society – Poster Session: "The effects of a facemask/bite block therapy with or without rapid palatal expansion", **Pavoni** C, Ballanti F, Lyon R. Portoroz (Slovenia) 15-19 June.
- International Spring meeting SIDO "New perspectives for more personalized orthodontics" – Poster Session: "Self-ligating VS Invisalign: analysis of the dento-alveolar effects", Pavoni **C** , Lyone R, Ricchiuti MR. Viareggio 14-15 May
- 2012
- XXIII SIDO International Congress – Poster Session: "Interceptive treatment of impacted incisors", **Pavoni** C, Baroni M, Laganà G. Rome 10-12 November
- 2013
- XXIII SIDO International Congress – Poster Session: "Biomechanical principles for the control of the anterior torque during the retreat of the incisor group", Rozzi M, Pavoni **C** , Mucedero M. Rome 10-12 November



- 87th Congress of the European Orthodontic Society – Poster Session: “Rapid Maxillary Expansion In Growing Subjects: Effects On The Palatal Area Investigated By Computed Tomography”, Pavoni C, Rozzi M, Laganà G. Istanbul (Turkey) 19-23 June
- 2014 XIX Board of Teachers of Dentistry – Orthodontics session “Epidemiological clinical analysis of temporomandibular joint disorders” Ranieri S, **Pavoni C**, Laganà G. Turin 12- April 14
- 44th SIDO International Congress “New Therapeutic Tools in Orthodontics” – Session Poster: “Changes in the dimensions of the dental arches from the mixed dentition to the permanent dentition: longitudinal study” Paoloni V, **Pavoni C**, Cerroni S. Rome 7-9 November
- XX National Congress of the College of Dentistry Teachers - Orthodontics session 3 “Thin-Plate Spline of mandibular morphological changes induced by early treatment of Class III: long-term evaluation” Cerroni S, Franchi L, Pavoni C. Rome **18/20** April
- 2015 45th SIDO International Congress “Adults Orthodontics: Multidisciplinary Approach” – Poster Session: “Treatment Of Bilateral Impacted Canines: Report of a Case” **C Pavoni**. Florence 9-12 October
- XXI National Congress of the College of University Professors of Odontostomatological disciplines – Poster Session: “Longitudinal Changes in Dental Arches Dimensions from Mixed to Permanent Dentition” Paoloni V, Cerroni S, Laganà G, Pavoni C. Rome 10-12 April
- 2016 90th Congress of the European Orthodontic Society – Poster Session: "Effects of two different protocols of distalization on vertical dimension: a controlled clinical trial in growing subjects." Lyon R, **Pavoni C**, Franchi L, Cozza P. Warsaw (Poland) 18-22 June
- 8th Interantional Orthodontic Congress – World Federation of Orthodontists –Thin-plate spline analysis of mandibular shape changes induced by functional appliances in class ii malocclusion: a long-term evaluation, **Pavoni C**, Lyone R, Franchi L, Cozza P. London 27-30 September
- 46th SIDO International Congress – Poster session “Skeletal changes in class III patients with different vertical relationships”, V Paoloni, MR Ricchiuti, F Ceccaioni, **C Pavoni**. Milan 30 October
- 46th SIDO International Congress – Poster session “Palatal morphology in Class 2 patients: 3D analysis”, G Tasciotti, V Paoloni, R Lyone, **C Pavoni**, M Mucedero. Milan 30 October
- SIDO International Spring meeting – Poster session “Digital Dentistry in Orthodontics using slicer software” Gazzani F, Rozzi M, **Pavoni C**. Rome 11-12 March
- 8th World Federation of Orthodontics - Poster Session: "Thin-plate spline analysis of mandibular shape changes induced by functional appliances in Class II malocclusion: a long-term evaluation" Pavoni **C**, Lyone R, Franchi L, Cozza P. - London (England) 27-30 September.
- 8th World Federation of Orthodontics - Poster Session: "Effects of treatment with removable bite-blocks on masseter muscles in dolichofacial growing children: a prospective study" Lyon R, Pavoni C, Franchi L, Cozza P. - London (England) 27-30



September.

Dr. Chiara Pavoni has produced 1 editorial work, 19 publications in national journals and 49 publications in international journals, always in collaboration. All congruent with the disciplines included in the disciplinary scientific sector covered by the procedure and with the scientific profile of the announcement.

Editorial works

PUBLICATIONS SCIENTIFIC

Systematic approach to orthodontic therapy with aligners.
Edra SpA Editore, Milan 2020
P. Cozza, **C. Pavoni**, R. Lyon.

Publications in national journals

- 1) Programmed mandibular advancement in sleep-disordered breathing. Cretella Lombardo E, Pavoni C, Cozza P. Leone information bulletin, March 2017
- 2) Clinical management of incisors in intraosseous malposition. Paoloni V, Pavoni C, Mucedero M, Cozza P. Bulletin Leone 90/October. 2012
- 3) Surgical-orthodontic treatment of badly positioned incisors: protocol therapeutic. Paoloni V, Pavoni C, Laganà G, Cozza P. Orthodontic World. 37(5). 2012
- 4) Prognostic factors of the eruption of the impacted permanent incisor. Paoloni V, Pavoni C, Cozza P. Orthodontic World. 37(2): 40-6. 2012
- 5) Reasoned choice of orthopedic – orthodontic devices in Class II Malocclusion. Pavoni C, Cozza P. Orthodontic World. 36(4): 146-158. 2011
- 6) Orthopedic therapy of Class III malocclusion. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 35(4): 167-186. 2010
- 7) Orthopedic-functional therapy of Class III malocclusion. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 35(1): 3-25. 2010
- 8) Craniofacial growth and Class III relapse factors. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 03/2009: 179-190.
- 9) Analysis of the structural components and classification of Classes III. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 03/2009: 165-178.
- 10) Definition, epidemiology and etiology of Class III. Mucedero M, Pavoni C, Cozza P. Orthodontic World; 03/2009: 147-163.
- 11) Clinical management of incisors in intraosseous malposition. Paoloni V, Pavoni C, Mucedero M, Cozza P. Bulletin Leone 90/October. 2012
- 12) Surgical-orthodontic treatment of badly positioned incisors: protocol therapeutic. Paoloni V, Pavoni C, Laganà G, Cozza P. Orthodontic World. 37(5). 2012
- 13) Prognostic factors of the eruption of the impacted permanent incisor. Paoloni V, Pavoni C, Cozza P. Orthodontic World. 37(2): 40-6. 2012
- 14) Reasoned choice of orthopedic – orthodontic devices in Class II Malocclusion. Pavoni C, Cozza P. Orthodontic World. 36(4): 146-158. 2011
- 15) Orthopedic therapy of Class III malocclusion. Mucedero M, Pavoni C,

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Cozza P. Orthodontic World. 35(4): 167-186. 2010

- 16) Orthopedic-functional therapy of Class III malocclusion. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 35(1): 3-25. 2010
- 17) Craniofacial growth and Class III relapse factors. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 03/2009: 179-190.
- 18) Analysis of the structural components and classification of Classes III. Mucedero M, Pavoni C, Cozza P. Orthodontic World. 03/2009: 165-178.
- 19) Definition, epidemiology and etiology of Class III. Mucedero M, Pavoni C, Cozza P. Orthodontic World; 03/2009: 147-163.

Publications in indexed international journals

PUBLICATIONS SCIENTIFIC

- 1) Effects of IPR by mechanical oscillating strips system on biological structures: a quantitative and qualitative evaluation. F. Gazzani, D. Belisario, L. Fazi, A. Balboni, S. Licocchia, **C. Pavoni**, P. Cozza, R. Lyon. Prog in Orthod 2023 24(9)
- 2) Dentoskeletal effects of clear aligner vs twin block – a short-term study of functional appliances. Cretella Lombardo E, Lyon R, Franchi L, Gaffuri F, Maspero C, Cozza P, **Pavoni C**. J Orofac Orthop 2023
- 3) Effects of pendulum appliance versus clear aligners in the vertical dimension during Class II malocclusion treatment: a randomized prospective clinical trial. Lyon R, Balboni A, Di Fazio V, **Pavoni C**, Cozza P. BMC Oral Health 2022 22(1)
- 4) Light-curing process for clear aligners' attachment reproduction: comparison between two nanocomponents cured by the auxiliary of a new tool. Gazzani F, Belisario D, Quadrini F, Danesi C, Alberti A, Cozza P, **Pavoni C**. BMC Oral Health 2022 22(1)
- 5) Gingival Margins' Modifications during Orthodontic treatment with Invisalign First®: A preliminary Study. Lyon R, Gazzani F, Moretti S, Danesi C, Cretella Lombardo E, **Pavoni C**. Children 2022 9(10)
- 6) Analysis of Maxillary First Molar Derotation with Invisalign Clear Aligners in Permanent Dentition. Lyon R, Paoloni V, De Razza FC, **Pavoni C**, Cozza P. Life 2022 12(10)
- 7) Evaluation of the Upper Arch Morphological Changes after two different protocols of expansion in early mixed dentition: Rapid Maxillary Expansion and Invisalign® First System. Cretella Lombardo E, Paoloni V, Fanelli S, **Pavoni C**, Gazzani F, Cozza P. Life 2022 12(9)
- 8) Treatment timing considerations for mandibular advancement with clear aligners in skeletal Class II malocclusions. **Pavoni C**, Lyone R, Lugli L, Loberto S, Cozza P. JCO 2022 56(8) 464-471
- 9) The Efficacy and Predictability of Maxillary First Molar Derotation with Invisalign: A Prospective Clinical Study in Growing Subjects. R. Lyon, V. Paoloni, FC. De Razza, **C. Pavoni**, P. Cozza. Applied Sciences 2022 12(5), 2670
- 10) Soft tissue evaluation of functional therapy in growing patients with Class II malocclusion: a long-term study. F. Gazzani, L. Franchi, R. Lyon, P. Cozza, **C. Peacock**. European Journal of Orthodontics 2022 44(1):37-42.
- 11) Comparison Between Different Composite Resins used for clear Aligner Attachments: an in vitro study. Gazzani F, Belisario D, Quadrini F, Parrinello F, Pavoni C, Cozza P, Lyone R. Frontiers in Materials 2022, 8, 789143
- 12) Upper arch dimensional changes with clear aligners in the early mixed dentition: a prospective study. R. Lyon, E. Cretella Lombardo, V. Paoloni, S. Meuli, **C.**

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PUBLICATIONS
SCIENTIFIC

- Pavoni, P.** Cozza. Journal Orofacial Orthopedics 2021, DOI: 10.1007/s00056-021-00332-z
- 13) Maxillary arch development with Invisalign system. Lyon R, Paoloni V, Bartolommei L, Gazzani F, Meuli S, **Pavoni C**, Cozza P. Angle Orthodontist 2021 Online ahead of print
 - 14) Management of crowding in mixed dentition with Invisalign First: 10 steps to successful digital planning. R. Lyon, **C. Pavoni**, P. Cozza. Journal of Aligner Orthodontics 2021;5(2):115-122.
 - 15) Changes in mandibular shape after early treatment in subjects with open bite: a geometric morphometric analysis. Lyone R, Fusaroli D, Mucedero M, Paoloni V, **Pavoni C**, Cozza P. European Journal of Orthodontics 2020
 - 16) Qualitative evaluation of vomer position before and after rapid maxillary expansion: a radiographic study. Gazzani F, **Pavoni C**, Danesi C, Gastaldi G, Lyon R. J Biol Regul Homeost Agents. 2020. 26;34(5)
 - 17) Development of a prediction model for short-term success of functional treatment of class II malocclusion. Lombardo E. C, Franchi L, Gastaldi G, Giuntini V, Lyone R, Cozza P, **Pavoni C**. International Journal of Environ Research and Public Health. 2020 June 17(12):1-7
 - 18) Evaluation of sagittal airway dimensions after face mask therapy with rapid maxillary expansion in Class III growing patients. Lombardo E. C, Franchi L, Lyone R, Chiavaroli A, Cozza P, **Pavoni C**. Int J of Pediatric Otorhinolaryngology 2020 March 130
 - 19) Conventional versus laser gingivectomy in the management of gingival enlargement during orthodontic treatment: a randomized controlled trial. Lyon R, **Pavoni C**, Noviello A, Clementini M, Danesi C, Cozza P. Eur J Orthod. 2020 42(1): 78-85.
 - 20) Development and validation of a prediction model for long-term failure of early treatment of Class III malocclusion. Souki Quiroga B., Nieri M., **Pavoni C.**, Pavan Barros HM, Junqueira Pereira T., Giuntini V., Cozza P., Franchi L. Eur J Orthod. 2020 42(2):200-205
 - 21) Comparison of the abrasive properties of two different systems for interproximal enamel reduction: Oscillating versus manual strips. Gazzani F, Lyone R, **Pavoni C**, Mampieri G, Cozza P. BMC Oral Health 2019 19(1)
 - 22) Soft tissue facial profile in Class III malocclusion: long-term post-pubertal effects produced by the Face Mask Protocol. **C. Pavoni**, F. Gazzani, L. Franchi, S. Loberto, R. Lyon, P. Cozza. European Journal of Orthodontics 2019 Eur J Orthod. 2019 Sep 21
 - 23) Stress on facial skin of Class III subjects during maxillary protraction: a finite element analysis. F. Gazzani, **C. Pavoni**, P. Cozza, R. Lyon. BMC Oral Health. 2019 Feb 13;19(1):31
 - 24) Dentoskeletal effects of the bitejumping appliance and the twin-block appliance in the treatment of skeletal class II malocclusion: A retrospective controlled clinical trial. M. Tepedino, Lombardo EC, NotaA., Tecco S., Cozza P., **Pavoni C**. ORAL and Implantology. 2018 Oct-Dec;210-219
 - 25) Facemask performance during maxillary protraction: a finite element analysis (FEA) evaluation of load and stress distribution on Delaire facemask. F. Gazzani, **C. Pavoni**, A. Giancotti, P. Cozza, R. Lyon. Progress in Orthodontics 2018;9:19-21
 - 26) Titanium alloy vs. stainless steel miniscrews: an in vivo split-mouth study. P. Bollero, V. Di Fazio, **C. Pavoni**, M. Cordaro, P. Cozza, R. Lyon. European Review for Medical and Pharmacological Sciences 2018;22:2191-98



- 27) Long-term evaluation of rapid maxillary expansion and bite-block therapy in open bite growing subjects: a controlled clinical study. M. Mucedero, D. Fusaroli, L. Franchi, **C. Pavoni**, P. Cozza, R. Lyon. Angle Orthodontist 2018;88:523-29
- 28) Orthopedic treatment effects of functional therapy on the sagittal pharyngeal dimensions in subjects with sleep-disordered breathing and Class II malocclusion. **C. Pavoni**, E. Cretella Lombardo, R. Lyon, P. Bollero, F. Ottaviani, P. Cozza. Acta Otorhinolaryngologica Italica 2017;37:479-85
- 29) Mandibular response after rapid maxillary expansion in Class II growing patients: a pilot randomized controlled trial. R. Lyon, V. Brunelli, L. Franchi, **C. Pavoni**, B. Quiroga Souki, P. Cozza. Progress In Orthodontics 2017;18:36.
- 30) Treatment timing for functional jaw orthopedics followed by fixed appliances: a controlled long-term study. **C. Pavoni**, E. Cretella Lombardo, R. Lyon, K. Faltin Jr., McNamara JA Jr., P. Cozza, L. Franchi. European Journal of Orthodontics. Eur J Orthod. 2018 Jul 27;40(4):430-436
- 31) Treatment and post-treatment effects of functional therapy on the sagittal pharyngeal dimensions in Class II subjects. **C. Pavoni**, E. Cretella Lombardo, L. Franchi, R. Lyon, P. Cozza. International journal of Pediatric Otorhinolaryngology. 2017;101(Oct):47-50
- 32) In vitro and in vivo evaluation of diamond-coated strips. R. Lyon, F. Gazzani, **C. Pavoni**, S. Guarino, V. Tagliaferri, P. Cozza. Angle Orthodontist 2017;87(3):455-459
- 33) Geometric morphometric analysis of the palatal morphology in children with impacted incisors: A three-dimensional evaluation. **Pavoni C**, Paoloni V, Ghislanzoni LTH, Laganà G, Cozza P. Angle Orthod. 2017 May;87(3):404-408
- 34) Thin-Plate Spline analysis of mandibular shape changes produced by functional appliances in Class II malocclusion: a long-term evaluation" Franchi L, **Pavoni C**, Faltin K, Bigliazzi R, Gazzani F, Cozza P Journal Orofacial Orthopedics, J Orofac Orthop . 2016 Jun 29.
- 35) Evaluation of maxillary arch morphology in children with unilaterally impacted engraviers via three-dimensional analysis of digital dental casts: a controlled study. **Pavoni C**, Franchi L, Buongiorno M, Cozza P. J Orofac Orthop. 2016 Jan;77(1):16-21.
- 36) Short-term effects produced by rapid maxillary expansion and face mask therapy in Class III patients with different vertical skeletal relationships. **Pavoni C**, Masucci C, Cerroni S, Franchi L, Cozza P. Angle Orthod. 2015 Nov;85(6):927-33.
- 37) Thin-plate spline analysis of mandibular morphological changes induced by early class III treatment: a long-term evaluation. Franchi L, **Pavoni C**, Cerroni S, Cozza P. Eur J Orthod. 2014 Aug;36(4):425-30.
- 38) Interceptive Management for multiple eruption disturbances: a follow-up evaluation. **Pavoni C**, Mucedero M, Paoloni V, Cozza P. Eur J Paediatr Dent 2014. Jul; 15(2 Suppl):191-4.
- 39) Gnathological features in growing subjects. Ballanti F, Ranieri S, Baldini A, **Pavoni C**, Bollero P, Cozza P. Ann Stomatol (Rome). Feb 4;4(3-4):230-8. 2014
- 40) Radiographic assessment of maxillary incisor position after rapid maxillary expansion in children with clinical signs of eruption disorder. **Pavoni C**, Franchi L, Laganà G, Cozza P. J Orofac Orthop 2013; Nov;74(6):468-79.
- 41) Post-traumatic impaction of maxillary incisors: diagnosis and treatment. Paoloni V, **Pavoni C**, Mucedero M, Bollero P, Laganà G, Cozza P. Ann Stomatol (Rome) 2013. Jun 25;4(2):174-83.
- 42) Management of Impacted Incisors Following Surgery to Remove Obstacles to

FURTHER INFORMATION

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- Eruption: A Prospective Clinical Trial. **Pavoni C**, Franchi L, Baccetti T, Laganà G, Cozza P. Pediatric Dentistry 2013; Jul-Aug;35(4):364-8.
- 43) Long-term skeletal and dental effects and treatment timing for functional appliances in Class II malocclusion. Franchi L, **Pavoni C**, Faltin K jr, McNamara JA jr, Cozza P. Angle Orthod 2013; Mar 83(2):334-40.
- 44) Impacted maxillary incisors: diagnosis and predictive measurements. **Pavoni C**, Mucedero M, Laganà G, Paoloni V, Cozza P. Ann Stomatol (Rome) 2012. Jul 3(3-4): 100-5.
- 45) Rapid maxillary expansion: effects on palatal area investigated by computer tomography in growing subjects. Lyon R, **Pavoni C**, Laganà G, Fanucci E, Ottria L, Cozza P. Eur J Pediatric dent 2012; 13(3): 215-8.
- 46) Self ligating versus Invisalign: analysis of dento-alveolar effects. **Pavoni C**, Lyone R, Laganà G, Cozza P. Annals of Stomatology; II (1-2): 23-27. 2011
- 47) Treatment and posttreatment effects of a facial mask combined with a bite block appliance in Class III malocclusion. Cozza P, Baccetti T, Mucedero M, **Pavoni C**, Franchi L. Am J Orthod and Dentofacial Orthop; Sep 138(3): 300-10. 2010
- 48) The effects of facial mask/bite block therapy with or without rapid palatal expansion. **Pavoni C**, Mucedero M, Baccetti T, Franchi L, Polimeni A, Cozza P. Progress in Orthodoxy; 10(1): 20-28. 2009
- 49) Orthopedic Treatment Outcomes in Class III Malocclusion. A systematic review. De Toffol L, **Pavoni C**, Baccetti T, Franchi L, Cozza P. Angle Orthodontist; 78(3): 561-573. 2008

Professional training courses

Arco 1st degree course "Theoretical-practical of orthodontics according to the two-dimensional technique" held by Dr. F. Giancotti and Dr. O. Richter at the 3M Spa headquarters in Rome September-December 2007.

Theoretical-Practical Course on therapeutic strategies in patients with periodontal and orthodontic problems held by Prof. G. Pini Prato, Dr. P. Cortellini, and by Dr. T. Baccetti; Forlì 15-February 16, 2008.

Theoretical-Practical Course on therapeutic strategies in patients with permanent canine impaction held by Prof. G. Pini Prato, Dr. P. Cortellini, and by Dr. T. Baccetti; Florence 4 July 2008.

Theoretical-Practical course on orthodontic wire bending – interactive day for young people. XIX SIDO international conference, Florence 20 November 2008.

Theoretical Course: "Orthodontics and dentofacial orthopaedics: clinical practice based on 40 years of experience" held by Prof. JA. McNamara; Florence 3-4 December 2009.

Theoretical-Practical Course: "The MBT philosophy and the evolution towards low friction equipment" held by Dr. DA Mirabella; Milan February-September 2010.

Theoretical-Practical Course: "Research methodology and preparation of a scientific work" held by Dr. Baccetti T, Franchi L; Sesto Fiorentino (FI) 10-11 October 2011.



Theoretical-practical course Spider Screw "Specialized Orthodontics Implants" - Dr. BG Maino; Vicenza 29 March 2011.

Theoretical Course: "Orthodontic treatment in growing patients and adults: evolving concepts" held by Dr. McNamara Ja Jr, Sarver DM; Sesto Fiorentino (FI) 8 October 2014.

Theoretical course: "Temporomandibular disorders and occlusion: clinical evaluation and management of the dysfunctional patient" held by Prof. Jeffrey P. Okeson; Pescara 4 April 2019.

Theoretical Course: "The San Diego Orthodontic Seminar" held by Dr. RP McLaughlin; San Diego, California, USA 28 April - 2 May 2019.

Theoretical-practical course: "Orthodontics with aligners: Invisalign technique" held by Drs. Francesco Garino and Tommaso Castroflorio; Turin 30 January - 1 February 2020.

Theoretical Course: "Excellence in Orthodontics with clear aligners" held by Dr. Dyego Peidro Herrero and Ivan Jesus Malagon; Rome 02-03 October 2020.

COIP Master Course on systems of clear aligners held by Dr. Dyego Peidro Herrero and Ivan Jesus Malagon; Madrid 19-21 November 2021.

International Aligner Course: three days with doctor Ojima Kenji; Rome 24-26 June 2022.

TADs in Aligners Treatment: mechanics and practice, taught by Dr Chris Chang; Rome 11-12 February 2023.



PERSONAL SKILLS

Mother tongue Italian

Other languages ENGLISH	COMPREHENSION	SPOKE	PRODUCTION WRITTEN
		B1/B2	B1/B2

Levels: A1/A2: Basic user - B1/B2: Intermediate user - C1/C2: Advanced user

[Common European Framework of Reference for Languages](#)

Communication skills Good communication skills acquired during the experience as a specialist consultant in orthodontics and through numerous national and international interventions.

Organizational and management skills Excellent organizational and management skills

Digital skills

SELF EVALUATION				
Processing and information	Communications one	Content Creation	Safety	Troubleshooting
Advanced	Advanced	Advanced	Advance	Advance

Levels: Basic user - Intermediate user - Advanced user

[Digital skills - Self-assessment sheet](#)

Driving license Driving license A and B

Personal data I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data".

Dr. Chiara Pavoni, underwrites that everything declared in this Curriculum consisting of 15 pages from page. 1 on page 14 corresponds to the truth, pursuant to articles 46 and 47 of Presidential Decree 445 of 2000.

Rome, 09.10.2023

Read, Signed
In Faith
Chiara Pavoni

