

CURRICULUM VITAE

Name, Degrees: Tomaso Vercellotti , Degree in Medicine and Surgery with honors specialization in Odontostomatology

ADDRESS: *Vercellotti Dental Institute: Via XII Ottobre 2/111, 16121 Genoa, Italy, - 010543654 email:reception@studiovercellotti.com. Personal email: tomaso@vercellotti.com - +39 335382085.,;*

EDUCATION: Degree in Medicine and Surgery and Specialty in Odontostomatology cum laude (Genoa University – Italy Policlinico San Martino PAD.4)

ACADEMIC POSITIONS

Adjunct Professor in Implantology at Torino University - Italy 2023-2025

Adjunct Professor Surgical and Diagnostic integrated Science at University of Genova- Italy 2019-2024

Honorary Professor and Faculty at Queen Mary University of London UK 2014-2018

Honorary Professor and Faculty in Implantology Dental Institute of London UK 2006-2014

Adjunct Professor Bologna University Periodontics 2002-2003 Italy

OTHER EMPLOYMENT HISTORY

Scientific and clinical consulting for Mectron Medical Technology and Rex Implants Inc.

PROFESSIONAL LICENSES AND CERTIFICATION

Inventor of Piezo-surgery and Wedge shaped implant (Rex Implants)

Founder and first President of Int. Piezoelectric Bone Surgery Academy (IPA) 2009 (no profit research and education organization recognize by Italian Government)

HONORS/AWARDS

Inserted in the list of the 2% of Top Scientist in the world published by Stanford University (2023)

Award by Italian Dental Association of for Scientific Merit (2005)

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Former Active Member SidP 1985-2015

Active Member of American Academy Periodontology (AAP),

Active Member International College of Oral Implantologist (ICOI) and American Academy of Osseointegration (AAO).

Active Member (IPA)

Founder of the Studio Specialistico Vercellotti and Vercellotti Dental Institute based in Genoa

RESEARCH EXPERIENCE

Inventor and developer of Piezoelectric surgical protocol in Oral Surgery and implantology (Tooth extraction – Sinus lift- Split Crest – Orthodontic microsurgery – Implantology) Active Collaboration with University of Torino, University of Udine, Harvard University, in Tissue engineering department in Basel University in Switzerland, University of Genoa.

PUBLICATIONS

46. Vercellotti T, Majzoub Z, Trisi P, Valente ML, Sabini E, Cordioli G. Histo-logic evaluation of bone response to piezoelectric, surgical saw and drill osteotomy in rabbit calvaria. Unpublished data, 1999.

3. Vercellotti T, Russo C, Gianotti S. A New piezoelectric ridge expansion technique in the lower arch- A case report. World Dentistry 2000;1.

Vercellotti T, Russo C, Gianotti S. A new piezoelectric ridge expansion technique in the lower arch- A case report. *World Dentistry* 2000;1.

Tomaso Vercellotti, MD, DDS, Piezoelectric Surgery in Implantology: A Case Report – A New Piezoelectric Ridge Expansion Technique. *International Journal of Periodontics & Restorative Dentistry*, 2000, Vol 20, Issue 4, p358

Vercellotti T, De Paoli S, Nevins M. The piezoelectric bony window osteotomy and sinus membrane elevation: Introduction of a new technique for simplification of the sinus augmentation procedure. *Int J Periodontics Restorative Dent* 2001;21:561-567.

Tomaso Vercellotti, MD, DDS; Sergio De Paoli, MD, DDS; Myron Nevins, DDS. The Piezoelectric Bony Window Osteotomy and Sinus Membrane Elevation: Introduction of a New Technique for Simplification of the Sinus Augmentation Procedure. (2001)

Vercellotti T., Crovace A., Palermo A., Molfetta A. Piezoelectric Osteotomy in Orthopedics Clinical and Histological Evaluations Pilot Study in Animals *The Mediterranean Journal of Surgery and Medicine* Vol.9, September 2001 N.3-4

4.Vercellotti T. La chirurgia ossea piezoelettrica. *Il Dentista Moderno* 2003;5:21-55.

5. Vercellotti T, Obermair G. Introduction to Piezosurgery. *Dentale Implantologie & Parodontologie* 2003; 7: 270-274.

Vercellotti T. Technological characteristics and clinical indications of piezoelectric bone surgery. *Minerva Stomatol* 2004; 53:207-214.

M. Robiony, F. Polini, F. Costa, T. Vercellotti, and M. Politi, Piezoelectric Bone Cutting in Multipiece Maxillary Osteotomies. *J Oral Maxillofac Surg* 62:759-761, 2004

47. Vercellotti T, Nevins ML, Kim DM, et al. Osseous response following resective therapy with piezo-surgery. *Int J Periodontics Restorative Dent* 2005;25:543-549.

27. Vercellotti T, Pollack AS. A new bone surgery device: Sinus grafting and periodontal surgery. *Compend Contin Educ Dent* 2006; 27:319-325.

Salami A; Vercellotti T, Mora R, Dellepiane M. Piezoelectric bone surgery in otologic surgery. *Otolaryngol Head Neck Surg* 2007;136:484-485.

Vercellotti T, Podestà A. Orthodontic Microsurgery: A New Surgically Guided Technique for Dental Movement. *The Int. J. Periodontics & Restorative Dent*. Vol. 27, n°4:325-331. 2007

Stefan Schaeren, MD, Claude Jaquiéry, MD, DDS, Michael Heberer, MD; Mark Tolnay, MD; Tomaso Vercellotti, MD, DDS; Ivan Martin, PhD, Show footnor. Assessment of Nerve Damage

Using a Novel Ultrasonic Device for Bone Cutting. Journal of Oral and Maxillofacial Surgery. April 2008.

36. Vercellotti T. Letter to the editor. Clin Oral Implants Res 2009;20:531-532.

Stacchi C., Vercellotti T., Torelli L., Furlan F., Di Lenarda. Changes in Implant Stability Using Different Site Preparation Techniques. Twist Drills versus Piezosurgery. A Single-Blinded, Randomized, Controlled Clinical Trial. Clin Implant Dent Relat Res. 2013 Apr;15(2):188-97. Doi:10.1111/j.1708-8208.2011.00341.x. Epub 2011 Apr 19

28. Vercellotti T, Lang N-P. Piezosurgery in a daily practice. Forum Implantol 2012;8:28—37.

Vercellotti T, Stacchi C, Russo C, Rebaudi A, Vincenzi G, Pratella U, Baldi D, Mozzati M, Monagheddu C, Sentineri R, Cuneo T, Di Alberti L, Crossa S, Scheriano G.M. Ultrasonic Implant Site Preparation using Piezosurgery: A Multicenter Case Series Study Analyzing 3,579 Implants with a 1 to 3 Years FollowUp Int J Periodontics Restorative dent. 2014 Jan-Feb; 34(1):11-8. Doi: 10.11607/prd.1860

Vercellotti T, Stacchi C, Russo C, et al. Ultrasonic implant site preparation using piezosurgery: A multicenter case series study analyzing 3,579 implants with a 1-to 3- year follow-up. Int J Periodontics Restorative Dent 2014;34:11-18.

41. Stacchi C, Vercellotti T, Toschetti A, Speroni S, Salgarello S, Di Lenarda R. Intraoperative complications during sinus floor elevation using two different ultrasonic approaches: A two-center, randomized, controlled clinical trial. Clin Implant Dent Relat Res 2015;17(suppl1):e117-e125.

Schierano G, Vercellotti T, Corrias G, Cavagnetto D, Baldi D, Romano F, Crossa S. A 4 – Years Retrospective Radiographic Study of Marginal Bone Loss of 156 Titanium Implant Placed with Ultrasonic Site Preparation int. J Periodontics Restorative dent. 2018 Apr 20. Doi: 10.11607/prd.3219

Fontanella Fabrizio, Maria Gabriella Grusovin, Monica Gavatta, Tomaso Vercellotti. Clinical efficacy of a new fully piezoelectric technique for third molar root extraction without using manual tools: a clinical randomized controlled study . Quintessence Int. 020 PMID: 32253392 DOI: 10.3290/j.qi.a44370 (2020)

Tomaso Vercellotti, Giuseppe Troiano, Francesco Oreglia, Teresa Lombardi, Gianluca Gregorio, Emanuele Morella, Antonio Rapani and Claudio Stacchi. Wedge- Shaped Implants for Minimally Invasive Treatment of Narrow Ridges: A Multicenter Prospective Cohort Study. J Clin Med. 2020 OCT 14;9(10):3301.DOI:10.3390/JCM9103301.

Tomaso Vercellotti. Easier treatment of narrow bone ridges with a new wedge-shaped implant. Manuskripteingang: 19.3.2021, Annahme: 11.05.2021

Antonio Rapani, Tomaso Vercellotti, Claudio Stacchi, Gianluca Gregorio, Francesco Oreglia, Emanuele Morella, Teresa Lombardi. Long-Term Clinical Outcomes of Wedge-Shaped Implants Inserted in Narrow Ridges: A 7- Year Follow-Up Multicenter Prospective Single-Arm Cohort Study.

Peer-reviewed Journal Articles

JOMI

Book Chapters and Monographs

Book:

“Piezoelectric Bone Surgery- A New Paradigm”. Tomaso Vercellotti. Quintessence Book Publisher 2020

“Essentials in Piezosurgery: Clinical Advantages in Dentistry” Tomaso Vercellotti. Quintessence Book Publisher 2009

Book Chapters:

Vercellotti T, Klokkevold PR, Vercellotti G. 2018. Technologic advances in periodontal and implant surgery: Piezoelectric Bone Surgery. Newman and Carranza’s Clinical Periodontology, 13th ed. Newman MG, Klokkevold PR, Takei HH editors. Elsevier.

Vercellotti T, Stacchi C, Klokkevold PR, Vercellotti G. 2018. Piezoelectric Bone Surgery. Newman and Carranza’s Clinical Periodontology and Implantology, 14th ed. Newman MG, Klokkevold PR, Elangovan S, Kapila Y, editors. Elsevier p.966-979.

Tomaso Vercellotti, MD, DDS “The Sinus Bone Graft”- Second Edition, edited by Ole T. Jensen, DDS, MS – Chapter 23 – Piezoelectric Bone Surgery for Sinus Bone Grafting

Tomaso Vercellotti MD, DDS “Implant Site Development” – Editors: Michael Sonick and Debby Hwang , associate Editor: André Saadoun- Wiley-Blackwell – Chapter 16 – Sinus elevation: Lateral wall approach

Tomaso Vercellotti “Dental Implants. The Art and Science”- Second Edition, Charles A. Babbush, Jack A. Hahn, Jack T. Krauser, Joel L. Rosenlicht. Saunders Elsevier – Chapter 25 – Piezosurgery related to implant reconstruction –

Invited presentations

AAOMS- SIDP- AAP- AO- ICOI- AAID- NY University – Pennsylvania University – Perio-society Colorado Milan University- Padua University- Udine University – Roma Sapienza University- Napoli University Federico II- Bari University- Chieti University – Catanzaro University - Paris France University VI arrondissement - Moscow University- Zurich Switzerland University- USC University- Temple University – Ann Harbor University- Chapel Hill University- Washington University- Seattle University- Pacific University San Francisco – Ohio State University – Loma Linda University- Western Society of Periodontology – Society of Periodontology Michigan – Pittsburgh University etc.etc.

Note: Do not include Continuing Education courses taken on the curriculum vitae.