# Advancing the clinical use of zirconia dental implants: a comprehensive review of outcomes, innovations and challenges

**Claudio Carone**[1*]
**Pietro Lauria**[1*]
**Filippo Cardarelli**[1]
**Nicola Sguera**[1]
**Micaela Del Vecchio**[1]
**Lucia Memè**[2]
**Fabrizio Bambini** [2]
**Gustavo Vicentis Oliveira Fernandes**[3]
**Ioana Roxana Bordea**[4*]
**Erda Qorri**[5]
**Lwai Almasri**[7]
**Marwa Alkassab**[8]
**Maher Almasri**[8]
**Andrea Palermo**[6]

[1] Department of Interdisciplinary Medicine, University of Bari "Aldo Moro" Bari, Italy.
[2] D.I.S.C.O. School of Dentistry, Polytechnic University of Marche, Ancona, Italy.
[3] Missouri School of Dentistry & Oral Health, A. T. Still University, MO, United States.
[4] Department of Oral Rehabilitation, Faculty of Dentistry, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania.
[5] Department of Dentistry, Faculty of Medical Sciences, Albanian University, Tirana, Albania.
[7] King's College London, U.K.
[8] The University of Buckingham, U.K.
[6] University of Salento, Lecce, Italy

**Corresponding author:** Ioana Roxana Bordea
e-mail: roxana.bordea@ymail.com

*These authors contributed equally as first authors.

## Abstract

**Zirconia dental implants have gained attention as an alternative to titanium implants. They offer superior aesthetics, biocompatibility, and appeal for metal-free restorations. This review examines zirconia implants' clinical performance, mechanical properties, and design and surface treatment innovations. The analysis includes studies from 2008 to 2020, evaluating survival rates, bone loss, and challenges with osseointegration and mechanical fragility.**
**Clinical evidence suggests that zirconia implants exhibit survival rates similar to titanium implants, with minimal marginal bone loss and favorable soft tissue outcomes. One-piece designs show better performance due to reduced mechanical failure risk. However, zirconia's brittleness remains limited, especially in high-stress areas like the posterior mandible. Advances in zirconia formulations and surface treatments, such as sandblasting and acid etching, have improved osseointegration and clinical success.**
**Although short- and medium-term studies are promising, the absence of long-term data raises concerns regarding the durability and performance of zirconia implants. Further research is needed to address osseointegration variability, refine surface modification techniques, and explore hybrid implant designs combining zirconia and titanium for enhanced mechanical strength. In conclusion, while zirconia implants offer significant potential as a titanium alternative, ongoing research, and long-term clinical trials are essential for their widespread acceptance in modern implantology.**

**Keywords: Zirconia implants, Biocompatibility, Osseointegration, Mechanical fragility**

**Authors**

Claudio Carone - Pietro Lauria - Filippo Cardarelli - Nicola Sguera - Micaela Del Vecchio - Department of Interdisciplinary Medicine, University of Bari "Aldo Moro" Bari, Italy

Lucia Memè - Fabrizio Bambini - D.I.S.C.O. School of Dentistry, Polytechnic University of Marche, Ancona, Italy

Gustavo Vicentis Oliveira Ferdandes - Missouri School of Dentistry & Oral Health, A. T. Still University, MO, United States

Ioana Roxana Bordea - Department of Oral Rehabilitation, Faculty of Dentistry, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

Erda Qorri - Department of Dentistry, Faculty of Medical Sciences, Albanian University, Tirana, Albania

Lwai Almasri - King's College London, U.K.

Marwa Alkassab - Maher Almasri - The University of Buckingham, U.K.

Andrea Palermo - University of Salento, Lecce, Italy



**How to Cite**
C. Carone, P. Lauria, F. Cardarelli, N. Sguera, M. Del Vecchio, L- Memè, F. Bambini, G.V.O. Fernandes, I.R. Bordea, E. Qorri, L. Almasri, M. Alkassab, M. Almasri, A. Palermo.
Advancing the clinical use of zirconia dental implants: a comprehensive review of outcomes, innovations and challenges.
Oral and Implantology
Vol. 16 No. 3 (S1) (2024), 190-203.
https://doi.org/10.11138/oi.v16i3 (S1)72

## Introduction

Dental implants have significantly transformed the landscape of restorative dentistry, offering patients a reliable solution for replacing lost teeth and restoring functionality and aesthetics (1–5). Titanium implants have become the gold standard for dental implantology, owing to their remarkable ability to osseointegrate, superior mechanical properties, and long-term clinical success (6–10). However, while titanium implants are widely used, they have limitations that may impact their effectiveness in specific clinical situations (11–15). Aesthetic concerns, particularly in the anterior region of the mouth, and concerns related to the biocompatibility of titanium have driven research into alternative materials (16–20). Zirconia has gained increasing attention among these alternatives due to its promising characteristics (21–25).

Zirconia is a bio-ceramic material that has garnered attention due to its excellent aesthetic properties, exceptional biocompatibility, and resistance to bacterial adhesion (26–30). Unlike titanium, which can create a visible metallic appearance, especially in patients with thin gingival biotypes, zirconia's tooth-like color makes it an ideal option for anterior restorations (31–35). Furthermore, zirconia's resistance to corrosion and reduced potential for peri-implantitis make it an appealing choice for patients with metal sensitivities or allergies (36–42). Despite these benefits, zirconia implants have not yet entirely displaced titanium implants as the material of choice in clinical practice due to several limitations, including mechanical fragility, challenges in osseointegration, and the lack of long-term clinical data (43–49).

This narrative review aims to comprehensively analyze zirconia implants, focusing on their clinical performance, including survival rates, marginal bone loss, and mechanical performance. Additionally, we explore the latest innovations in zirconia implant design and surface treatments and discuss the challenges in maximizing their clinical potential. By synthesizing recent findings from the literature, this review seeks to provide an in-depth understanding of the advantages and disadvantages of zirconia implants and highlight the areas that require further research and development to optimize their clinical use.

## Methods

The present narrative review is based on clinical studies and research articles published between 2008 and 2020. The data was primarily gathered from two major scientific databases, Scopus and Web of Science, to ensure comprehensive coverage of high-quality, peer-reviewed research on zirconia implants. The inclusion criteria for studies focused on human clinical trials that provided data on outcomes such as implant survival rates, marginal bone loss, complications, and osseointegration in patients receiving zirconia implants. Non-human studies, in vitro experiments, and articles not written in English were excluded from this review to ensure the relevance of the findings to clinical practice.

Data extracted from the selected studies included key information such as the publication year, geographical region of study, study design (e.g., randomized controlled trials, cohort studies), patient demographics (e.g., age, gender), implant design, and surface treatments. This allowed for an analysis of trends in the clinical use of zirconia implants and identified gaps in the current body of knowledge. Additionally, bibliometric analyses were conducted to identify research trends, including contributions from leading institutions and countries that have significantly advanced the field of zirconia implantology.

## Trends in Zirconia Implant Research

The research on zirconia dental implants has expanded rapidly over the past decade, reflecting the growing interest in ceramic implants as an alternative to titanium (50–59). Notable contributions have come from European countries such as Germany, Switzerland, and Austria, which have been at the forefront of developing new materials and technologies for zirconia implants. Institutions like the University of Freiburg, University of Zurich, and Charité Berlin have played key roles in researching the clinical outcomes of zirconia implants (60–64, 313).

The research landscape has evolved from initial case reports and observational studies to more robust clinical trials, including randomized controlled trials (RCTs) and prospective cohort studies (65–74). This transition underscores the shift toward producing more reliable and high-quality evidence to support the clinical application of zirconia implants (75–79). Although zirconia implants are primarily used in single-tooth restorations in the anterior region, more recent studies have expanded their application to include full-arch rehabilitations, particularly in patients who prefer metal-free alternatives (80–84).

The growing body of evidence highlights the advantages of zirconia implants regarding aesthetics and biocompatibility (85–91). However, despite promising short—and medium-term outcomes, the field continues to grapple with challenges related to zirconia's mechanical properties and the lack of long-term data (92–101). Future studies will be essential in answering important questions regarding the durability of zirconia implants in high-stress applications such as posterior implants and full-arch restorations (102–106, 317).

## Clinical Performance

### *1) Survival Rates*

Implant survival is one of the most critical measures of success in implantology, and various studies have shown survival rates ranging from 87% to 100% for zirconia implants. In the short to medium term, zirconia implants have performed comparably to titanium implants, particularly in single-tooth replacements and anterior restorations (107–111). The high aesthetic value of zirconia, combined with its biocompatibility, makes it a favorable choice for patients seeking a more natural-looking dental restoration (112–116).

The design of zirconia implants can have a significant impact on survival rates (117–123). One-piece zirconia implants, which feature a monolithic design without an abutment connection, have demonstrated superior survival rates due to their resistance to mechanical stresses at the interface (124–132). This design eliminates the potential for micromovements and bacterial infiltration, which can contribute to implant failure in two-piece designs (133–141). However, while offering more flexibility in prosthetic restorations, two-piece zirconia implants have been associated with slightly lower survival rates due to their increased vulnerability to mechanical failure at the abutment connection (142–146, 314, 315).

While the clinical performance of zirconia implants in the anterior region is well-documented, the performance of zirconia implants in the posterior region remains a topic of ongoing research (147–157). The posterior region is subject to higher masticatory forces, which can challenge zirconia implants due to the material's inherent brittleness. Research continues to investigate using zirconia implants in posterior regions and complex full-arch restorations, where mechanical stress is more significant (158–162).

### *2) Marginal Bone Loss*

Marginal bone loss is a critical factor in determining the long-term success of dental implants. Studies on zirconia implants have consistently demonstrated minimal marginal bone loss, typically averaging less than 1 mm during the first year of functional loading (163–173). This compares favorably to titanium implants, which also exhibit low levels of bone loss. The excellent biocompatibility of zirconia contributes to this positive outcome, as the material's ability to resist bacterial colonization and its compatibility with the surrounding bone and soft tissues reduce the risk of peri-implant inflammation and subsequent bone loss (174–178).

Surface modifications have been shown to enhance the osseointegration of zirconia implants, further reducing the risk of bone loss (179–189). Techniques such as sandblasting and acid etching are commonly employed to increase the surface roughness of zirconia implants, creating micro- and nano-scale textures that promote better bone-to-implant contact (190–194). Roughened zirconia surfaces have been shown to enhance osseointegration, especially in immediate loading protocols, where achieving and maintaining primary stability is critical (195–203).

Although zirconia implants demonstrate favorable bone loss rates, the variability in outcomes related to different surface treatments indicates that further research is required to identify the most effective surface modification techniques (204–212). Additionally, exploring the role of soft tissue management around zirconia implants and its impact on marginal bone stability will be essential in improving long-term outcomes (213–223).

## Challenges and Complications

### *a) Mechanical Fragility*

The most significant challenge facing zirconia implants is their mechanical fragility. Zirconia is a ceramic material, which makes it inherently more brittle than titanium (224–234). This brittleness becomes a concern when zirconia implants are placed in high-stress areas such as the molars or full-arch rehabilitations, where the implants are subjected to significant occlusal forces (235–239). Zirconia implants are more likely to fracture under such stress, leading to potential complications and failures. Despite improvements in material formulations and manufacturing techniques, zirconia implants are still more vulnerable to mechanical failure than titanium (240–250).

Recent advancements in zirconia technology, including the development of yttria-stabilized zirconia, have improved its fracture toughness. However, zirconia implants remain less mechanically resilient than titanium, which remains the material of choice for high-stress applications. This limitation has prompted researchers to explore hybrid implant designs that combine zirconia with titanium components. These hybrid designs aim to capitalize on the aesthetic and biological advantages of zirconia while retaining the mechanical strength of titanium.

### *b) Osseointegration Challenges*

Although zirconia is highly biocompatible and promotes favorable soft tissue responses, its osseointegration capabilities can be more variable than titanium implants (251–261). Surface properties such as roughness, texture, and energy significantly affect the rate and quality of osseointegration (262–266). Roughened zirconia surfaces, achieved through techniques such as sandblasting, acid etching, and laser texturing, have been shown to enhance osseointegration by increasing the surface area available for bone attachment. However, the variability in osseointegration results suggests that developing more standardized surface treatments and manufacturing processes is necessary to optimize zirconia implants for widespread use (267–277, 312).

A critical challenge for zirconia implants is the lack of consistency in osseointegration across different clinical situations. Factors such as bone quality, loading protocols, and implant design can all influence the success of osseointegration. Further research is needed to explore these variables and develop more consistent methods for enhancing the integration of zirconia implants with the surrounding bone (278–284).

### *c) Limited Long-Term Data*

Despite promising short—and medium-term results, the long-term performance of zirconia implants remains uncertain (285–289). Most studies on zirconia implants focus on the first 3 to 5 years of function, with a few extending up to 10 years. The lack of long-term data raises concerns about their durability, particularly in high-stress areas. Gathering long-term clinical data on zirconia implants is essential to fully understanding their performance and establishing guidelines for their use in different clinical scenarios.

Long-term studies are necessary to assess the long-term survival rates, mechanical performance, and overall reliability of zirconia implants. These studies will provide evidence to compare the long-term success of zirconia implants with titanium implants and help guide clinical decision-making (290–300, 316).

## Innovations in Implant Design and Surface Modifications

Recent innovations in zirconia implant design and surface treatments have aimed to address some of the material's limitations, notably its mechanical fragility and osseointegration challenges (301–305). Advances in zirconia formulations, such as the development of high-strength zirconia and improved surface treatments, have contributed to enhanced implant performance. Furthermore, the use of hybrid designs, combining the aesthetic benefits of zirconia with the mechanical strength of titanium, has shown promise in improving the overall success rate of zirconia implants.

Surface modification techniques, including sandblasting, acid etching, and laser texturing, have also been used to enhance the osseointegration of zirconia implants. These treatments increase zirconia's surface roughness and energy, promoting better bone attachment and integration (306–311). As research continues to explore new surface treatment options, the development of standardized protocols for zirconia implant manufacturing is expected to improve the consistency and predictability of outcomes.

## Conclusion and Future Perspectives

Zirconia implants represent a significant advancement in dental implantology, offering superior aesthetic properties and biocompatibility compared to titanium implants. However, challenges related to mechanical fragility, osseointegration, and the lack of long-term data must be addressed before zirconia implants become widely accepted alternatives to titanium implants. Future research should focus on developing hybrid implant designs, optimizing surface modification techniques, and conducting long-term clinical studies to evaluate the durability and performance of zirconia implants over time. With continued innovation and rigorous research, zirconia implants have the potential to play an increasingly significant role in dental implantology, offering patients a more natural-looking and biocompatible option for tooth replacement..

## Funding

This research received no external funding.

## Institutional Review Board Statement

Not applicable.

## Informed Consent Statement

Not applicable.

## Data Availability Statement

Not applicable.

## Conflicts of Interest

The authors declare no conflict of interest.

## References

1. Degidi, M.; Piattelli, A. 7-Year Follow-up of 93 Immediately Loaded Titanium Dental Implants. J Oral Implantol 2005, 31, 25–31, doi:10.1563/0-730.1.
2. Buser, D.; Janner, S.F.M.; Wittneben, J.-G.; Brägger, U.; Ramseier, C.A.; Salvi, G.E. 10-Year Survival and Success Rates of 511 Titanium Implants with a Sandblasted and Acid-Etched Surface: A Retrospective Study in 303 Partially Edentulous Patients. Clin Implant Dent Relat Res 2012, 14, 839–851, doi:10.1111/j.1708-8208.2012.00456.x.
3. De Riu, G.; Gamba, U.; Anghinoni, M.; Sesenna, E. A Comparison of Open and Closed Treatment of Condylar Fractures: A Change in Philosophy. Int J Oral Maxillofac Surg 2001, 30, 384–389, doi:10.1054/ijom.2001.0103.
4. Noumbissi, S.; Scarano, A.; Gupta, S. A Literature Review Study on Atomic Ions Dissolution of Titanium and Its Alloys in Implant Dentistry. Materials (Basel) 2019, 12, 368, doi:10.3390/ma12030368.
5. Bormann, K.-H.; Gellrich, N.-C.; Kniha, H.; Schild, S.; Weingart, D.; Gahlert, M. A Prospective Clinical Study to Evaluate the Performance of Zirconium Dioxide Dental Implants in Single-Tooth Edentulous Area: 3-Year Follow-Up. BMC Oral Health 2018, 18, 181, doi:10.1186/s12903-018-0636-x.
6. Akca, K.; Cavusoglu, Y.; Uysal, S.; Cehreli, M.C. A Prospective, Open-Ended, Single-Cohort Clinical Trial on Early Loaded Titanium-Zirconia Alloy Implants in Partially Edentulous Patients: Up-to-24-Month Results. Int J Oral Maxillofac Implants 2013, 28, 573–578, doi:10.11607/jomi.3088.
7. Hashim, D.; Cionca, N.; Courvoisier, D.S.; Mombelli, A. A Systematic Review of the Clinical Survival of Zirconia Implants. Clin Oral Investig 2016, 20, 1403–1417, doi:10.1007/s00784-016-1853-9.
8. Talwar, R.M.; Ellis, E.; Throckmorton, G.S. Adaptations of the Masticatory System after Bilateral Fractures of the Mandibular Condylar Process. J Oral Maxillofac Surg 1998, 56, 430–439, doi:10.1016/s0278-2391(98)90707-8.
9. Payer, M.; Arnetzl, V.; Kirmeier, R.; Koller, M.; Arnetzl, G.; Jakse, N. Immediate Provisional Restoration of Single-Piece Zirconia Implants: A Prospective Case Series - Results after 24 Months of Clinical Function. Clin Oral Implants Res 2013, 24, 569–575, doi:10.1111/j.1600-0501.2012.02425.x.
10. Spies, B.C.; Balmer, M.; Jung, R.E.; Sailer, I.; Vach, K.; Kohal, R.-J. All-Ceramic, Bi-Layered Crowns Supported by Zirconia Implants: Three-Year Results of a Prospective Multicenter Study. J Dent 2017, 67, 58–65, doi:10.1016/j.jdent.2017.09.008.
11. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Marrelli, M.; Inchingolo, A.D.; Servili, A.; Inchingolo, A.M.; Dipalma, G. A Hypothetical Correlation between Hyaluronic Acid Gel and Development of Cutaneous Metaplastic Synovial Cyst. Head Face Med 2010, 6, 13, doi:10.1186/1746-160X-6-13.
12. Romasco, T.; Tumedei, M.; Inchingolo, F.; Pignatelli, P.; Montesani, L.; Iezzi, G.; Petrini, M.; Piattelli, A.; Di Pietro, N. A Narrative Review on the Effectiveness of Bone Regeneration Procedures with OsteoBiol® Collagenated Porcine Grafts: The Translational Research Experience over 20 Years. Journal of Functional Biomaterials 2022, 13, 121, doi:10.3390/jfb13030121.
13. Bavetta, G.; Bavetta, G.; Randazzo, V.; Cavataio, A.; Paderni, C.; Grassia, V.; Dipalma, G.; Gargiulo Isacco, C.; Scarano, A.; De Vito, D.; et al. A Retrospective Study on Insertion Torque and Implant Stability Quotient (ISQ) as Stability Parameters for Immediate Loading of Implants in Fresh Extraction Sockets. Biomed Res Int 2019, 2019, 9720419, doi:10.1155/2019/9720419.
14. Mongardini, C.; Pilloni, A.; Farina, R.; Di Tanna, G.; Zeza, B. Adjunctive Efficacy of Probiotics in the Treatment of Experimental Peri-Implant Mucositis with Mechanical and Photodynamic Therapy: A Randomized, Cross-over Clinical Trial. J Clin Periodontol 2017, 44, 410–417, doi:10.1111/jcpe.12689.
15. Romita, P.; Foti, C.; Masciopinto, L.; Nettis, E.; Di Leo, E.; Calogiuri, G.; Bonamonte, D.; Angelini, G.; Dipalma, G.; Ballini, A.; et al. Allergic Contact Dermatitis to Acrylates. J Biol Regul Homeost Agents 2017, 31, 529–534.
16. Gargiulo Isacco, C.; Balzanelli, M.G.; Garzone, S.; Lorusso, M.; Inchingolo, F.; Nguyen, K.C.D.; Santacroce, L.; Mosca, A.; Del Prete, R. Alterations of Vaginal Microbiota and Chlamydia Trachomatis as Crucial Co-Causative Factors in Cervical Cancer Genesis Procured by HPV. Microorganisms 2023, 11, 662, doi:10.3390/microorganisms11030662.
17. Balzanelli, M.G.; Distratis, P.; Aityan, S.K.; Amatulli, F.; Catucci, O.; Cefalo, A.; De Michele, A.; Dipalma, G.; Inchingolo, F.; Lazzaro, R.; et al. An Alternative "Trojan Horse" Hypothesis for COVID-19: Immune Deficiency of IL-10 and SARS-CoV-2 Biology. Endocr Metab Immune Disord Drug Targets 2022, 22, 1–5, doi:10.2174/18715303 21666210127141945.
18. Malcangi, G.; Patano, A.; Morolla, R.; De Santis, M.; Piras, F.; Settanni, V.; Mancini, A.; Di Venere, D.; Inchingolo, F.; Inchingolo, A.D.; et al. Analysis of Dental Enamel Remineralization: A Systematic Review of Technique Comparisons. Bioengineering (Basel) 2023, 10, 472, doi:10.3390/bioengineering10040472.
19. Balzanelli, M.G.; Distratis, P.; Lazzaro, R.; Pham, V.H.; Tran, T.C.; Dipalma, G.; Bianco, A.; Serlenga, E.M.; Aityan, S.K.; Pierangeli, V.; et al. Analysis of Gene Single Nucleotide Polymorphisms in COVID-19 Disease Highlighting the Susceptibility and the Severity towards the Infection. Diagnostics 2022, 12, 2824, doi:10.3390/diagnostics12112824.
20. Contaldo, M.; Lajolo, C.; Di Petrillo, M.; Ballini, A.; Inchingolo, F.; Serpico, R.; Romano, A. Analysis of Lip Pigmentations by Reflectance Confocal Microscopy:

21. Spies, B.C.; Balmer, M.; Jung, R.E.; Sailer, I.; Vach, K.; Kohal, R.-J. All-Ceramic Single Crowns Supported by Zirconia Implants: 5-Year Results of a Prospective Multicenter Study. Clin Oral Implants Res 2019, 30, 466–475, doi:10.1111/clr.13433.
22. Bambini, F.; Pellecchia, M.; Memè, L.; Santarelli, A.; Emanuelli, M.; Procaccini, M.; Muzio, L.L. Anti-Inflammatory Cytokines in Peri-Implant Soft Tissues: A Preliminary Study on Humans Using CDNA Microarray Technology. Eur J Inflamm 2007, 5, 121–127, doi:10.1177/1721727X0700500302.
23. Montemurro, N.; Trilli, I.; Bordea, I.R.; Ferrara, E.; Francesco, M.D.; Caccamo, F.; Malcangi, G.; Rapone, B. Are Whiplash-Associated Disorders and Temporomandibular Disorders in a Trauma Related Cause and Effect Relationship? A Review. Medicina (Kaunas) 2023, 59, 1482, doi:10.3390/medicina59081482.
24. Sybil, D.; Gopalkrishnan, K. Assessment of Masticatory Function Using Bite Force Measurements in Patients Treated for Mandibular Fractures. Craniomaxillofac Trauma Reconstr 2013, 6, 247–250, doi:10.1055/s-0033-1356755.
25. Memè, L.; Notarstefano, V.; Sampalmieri, F.; Orilisi, G.; Quinzi, V. ATR-FTIR Analysis of Orthodontic Invisalign® Aligners Subjected to Various In Vitro Aging Treatments. Materials (Basel) 2021, 14, 818, doi:10.3390/ma14040818.
26. Gutiérrez-Vela, M.M.; Díaz-Haro, A.; Berbel-Salvador, S.; Lucero-Sánchez, A.; Robinson-García, N.; Cutando-Soriano, A. Bibliometric Analysis of Research on Regenerative Periodontal Surgery during the Last 30 Years. J Clin Exp Dent 2012, 4, e112-118, doi:10.4317/jced.50646.
27. Bambini, F.; Orilisi, G.; Quaranta, A.; Memè, L. Biological Oriented Immediate Loading: A New Mathematical Implant Vertical Insertion Protocol, Five-Year Follow-Up Study. Materials (Basel) 2021, 14, 387, doi:10.3390/ma14020387.
28. Ellis, E.; Throckmorton, G.S. Bite Forces after Open or Closed Treatment of Mandibular Condylar Process Fractures. J Oral Maxillofac Surg 2001, 59, 389–395, doi:10.1053/joms.2001.21873.
29. Palermo, A.; Tuccinardi, D.; Defeudis, G.; Watanabe, M.; D'Onofrio, L.; Lauria Pantano, A.; Napoli, N.; Pozzilli, P.; Manfrini, S. BMI and BMD: The Potential Interplay between Obesity and Bone Fragility. Int J Environ Res Public Health 2016, 13, 544, doi:10.3390/ijerph13060544.
30. Cestari, T.M.; Granjeiro, J.M.; de Assis, G.F.; Garlet, G.P.; Taga, R. Bone Repair and Augmentation Using Block of Sintered Bovine-Derived Anorganic Bone Graft in Cranial Bone Defect Model. Clin Oral Implants Res 2009, 20, 340–350, doi:10.1111/j.1600-0501.2008.01659.x.
31. Bambini, F.; Memè, L.; Procaccini, M.; Rossi, B.; Lo Muzio, L. Bone Scintigraphy and SPECT in the Evaluation of the Osseointegrative Response to Immediate Prosthetic Loading of Endosseous Implants: A Pilot Study. Int J Oral Maxillofac Implants 2004, 19, 80–86.
32. Mihatovic, I.; Golubovic, V.; Becker, J.; Schwarz, F. Bone Tissue Response to Experimental Zirconia Implants. Clin Oral Investig 2017, 21, 523–532, doi:10.1007/s00784-016-1904-2.
33. Palermo, A.; Naciu, A.M.; Tabacco, G.; Manfrini, S.; Trimboli, P.; Vescini, F.; Falchetti, A. Calcium Citrate: From Biochemistry and Physiology to Clinical Applications. Rev Endocr Metab Disord 2019, 20, 353–364, doi:10.1007/s11154-019-09520-0.
34. Noronha Oliveira, M.; Schunemann, W.V.H.; Mathew, M.T.; Henriques, B.; Magini, R.S.; Teughels, W.; Souza, J.C.M. Can Degradation Products Released from Dental Implants Affect Peri-Implant Tissues? J Periodontal Res 2018, 53, 1–11, doi:10.1111/jre.12479.
35. Di Cosola, M.; Cazzolla, A.P.; Charitos, I.A.; Ballini, A.; Inchingolo, F.; Santacroce, L. Candida Albicans and Oral Carcinogenesis. A Brief Review. J Fungi (Basel) 2021, 7, 476, doi:10.3390/jof7060476.
36. Osman, R.B.; Swain, M.V.; Atieh, M.; Ma, S.; Duncan, W. Ceramic Implants (Y-TZP): Are They a Viable Alternative to Titanium Implants for the Support of Overdentures? A Randomized Clinical Trial. Clin Oral Implants Res 2014, 25, 1366–1377, doi:10.1111/clr.12272.
37. Throckmorton, G.S.; Talwar, R.M.; Ellis, E. Changes in Masticatory Patterns after Bilateral Fracture of the Mandibular Condylar Process. J Oral Maxillofac Surg 1999, 57, 500–508; discussion 508-509, doi:10.1016/s0278-2391(99)90061-7.
38. Raustia, A.M.; Oikarinen, K.S.; Pyhtinen, J. Changes in the Main Masticatory Muscles in CT after Mandibular Condyle Fracture. Rofo 1990, 153, 501–504, doi:10.1055/s-2008-1033427.
39. Fridrich, K.L.; Pena-Velasco, G.; Olson, R.A. Changing Trends with Mandibular Fractures: A Review of 1,067 Cases. J Oral Maxillofac Surg 1992, 50, 586–589, doi:10.1016/0278-2391(92)90438-6.
40. Kuwahara, T.; Bessette, R.W.; Maruyama, T. Characteristic Chewing Parameters for Specific Types of Temporomandibular Joint Internal Derangements. Cranio 1996, 14, 12–22, doi:10.1080/08869634.1996.11745944.
41. Arrigoni, R.; Ballini, A.; Santacroce, L.; Cantore, S.; Inchingolo, A.; Inchingolo, F.; Di Domenico, M.; Quagliuolo, L.; Boccellino, M. Another Look at Dietary Polyphenols: Challenges in Cancer Prevention and Treatment. Curr Med Chem 2022, 29, 1061–1082, doi:10.2174/09298673 28666210810154732.
42. Di Domenico, M.; Feola, A.; Ambrosio, P.; Pinto, F.; Galasso, G.; Zarrelli, A.; Di Fabio, G.; Porcelli, M.; Scacco, S.; Inchingolo, F.; et al. Antioxidant Effect of Beer Polyphenols and Their Bioavailability in Dental-Derived Stem Cells (D-dSCs) and Human Intestinal Epithelial Lines (Caco-2) Cells. Stem Cells Int 2020, 2020, 8835813, doi:10.1155/2020/8835813.
43. Parker, J.N.; Lortie, C.; Allesina, S. Characterizing a Scientific Elite: The Social Characteristics of the Most Highly Cited Scientists in Environmental Science and Ecology. Scientometrics 2010, 85, 129–143, doi:10.1007/s11192-010-0234-4.
44. Tetè, S.; Zizzari, V.L.; De Carlo, A.; Lorusso, F.; Di Nicola, M.; Piattelli, A.; Gherlone, E.; Polimeni, A. Characterizing Scientific Production of Italian Oral Surgery Professionals through Evaluation of Bibliometric Indices. Ann Stomatol (Roma) 2014, 5, 23–29.
45. Kuwahara, T.; Bessette, R.W.; Maruyama, T. Chewing Pattern Analysis in TMD Patients with and without Internal Derangement: Part I. Cranio 1995, 13, 8–14, doi:10.1080/08869634.1995.11678035.
46. Eckelt, U.; Hlawitschka, M. Clinical and Radiological Evaluation Following Surgical Treatment of Condylar Neck Fractures with Lag Screws. J Craniomaxillofac Surg 1999, 27, 235–242, doi:10.1016/s1010-5182(99)80035-3.
47. Becker, J.; John, G.; Becker, K.; Mainusch, S.; Diedrichs, G.; Schwarz, F. Clinical Performance of Two-Piece Zirconia Implants in the Posterior Mandible and Maxilla: A Prospective Cohort Study over 2 Years. Clin Oral Implants Res 2017, 28, 29–35, doi:10.1111/clr.12610.
48. Dipalma, G.; Inchingolo, A.D.; Inchingolo, A.M.; Piras, F.; Carpentiere, V.; Garofoli, G.; Azzollini, D.; Campanelli, M.; Paduanelli, G.; Palermo, A.; et al. Artificial Intelligence and Its Clinical Applications in Orthodontics: A Systematic Review. Diagnostics (Basel) 2023, 13, 3677, doi:10.3390/diagnostics13243677.
49. Minetti, E.; Palermo, A.; Inchingolo, A.D.; Patano, A.; Viapiano, F.; Ciocia, A.M.; de Ruvo, E.; Mancini, A.; Inchingolo, F.; Sauro, S.; et al. Autologous Tooth for Bone Regeneration: Dimensional Examination of Tooth Transformer® Granules. Eur Rev Med Pharmacol Sci 2023, 27, 5421–5430, doi:10.26355/eurrev_202306_32777.
50. Afrashtehfar, K.I.; Del Fabbro, M. Clinical Performance of Zirconia Implants: A Meta-Review. J Prosthet Dent 2020, 123, 419–426, doi:10.1016/j.prosdent.2019.05.017.
51. Rozeboom, A.V.J.; Dubois, L.; Bos, R.R.M.; Spijker, R.; de Lange, J. Closed Treatment of Unilateral Mandibular Condyle Fractures in Adults: A Systematic Review. Int J Oral Maxillofac Surg 2017, 46, 456–464, doi:10.1016/j.ijom.2016.11.009.
52. Nussbaum, M.L.; Laskin, D.M.; Best, A.M. Closed versus Open Reduction of Mandibular Condylar Fractures in Adults: A Meta-Analysis. J Oral Maxillofac Surg 2008, 66, 1087–1092, doi:10.1016/j.joms.2008.01.025.
53. Berner, T.; Essig, H.; Schumann, P.; Blumer, M.; Lanzer, M.; Rücker, M.; Gander, T. Closed versus Open Treatment

of Mandibular Condylar Process Fractures: A Meta-Analysis of Retrospective and Prospective Studies. J Craniomaxillofac Surg 2015, 43, 1404–1408, doi:10.1016/j.jcms.2015.07.027.
54. Choi, B.H. Comparison of Computed Tomography Imaging before and after Functional Treatment of Bilateral Condylar Fractures in Adults. Int J Oral Maxillofac Surg 1996, 25, 30–33, doi:10.1016/s0901-5027(96)80008-7.
55. Inchingolo, A.M.; Patano, A.; Di Pede, C.; Inchingolo, A.D.; Palmieri, G.; de Ruvo, E.; Campanelli, M.; Buongiorno, S.; Carpentiere, V.; Piras, F.; et al. Autologous Tooth Graft: Innovative Biomaterial for Bone Regeneration. Tooth Transformer® and the Role of Microbiota in Regenerative Dentistry. A Systematic Review. J Funct Biomater 2023, 14, 132, doi:10.3390/jfb14030132.
56. Malcangi, G.; Patano, A.; Ciocia, A.M.; Netti, A.; Viapiano, F.; Palumbo, I.; Trilli, I.; Guglielmo, M.; Inchingolo, A.D.; Dipalma, G.; et al. Benefits of Natural Antioxidants on Oral Health. Antioxidants (Basel) 2023, 12, 1309, doi:10.3390/antiox12061309.
57. Blasi, A.; Iorio-Siciliano, V.; Pacenza, C.; Pomingi, F.; Matarasso, S.; Rasperini, G. Biofilm Removal from Implants Supported Restoration Using Different Instruments: A 6-Month Comparative Multicenter Clinical Study. Clin Oral Implants Res 2016, 27, e68-73, doi:10.1111/clr.12530.
58. Inchingolo, F.; Paracchini, L.; DE Angelis, F.; Cielo, A.; Orefici, A.; Spitaleri, D.; Santacroce, L.; Gheno, E.; Palermo, A. Biomechanical Behaviour of a Jawbone Loaded with a Prosthetic System Supported by Monophasic and Biphasic Implants. Oral Implantol (Rome) 2016, 9, 65–70, doi:10.11138/orl/2016.9.1S.065.
59. Minetti, E.; Dipalma, G.; Palermo, A.; Patano, A.; Inchingolo, A.D.; Inchingolo, A.M.; Inchingolo, F. Biomolecular Mechanisms and Case Series Study of Socket Preservation with Tooth Grafts. J Clin Med 2023, 12, 5611, doi:10.3390/jcm12175611.
60. Youssef, R.E.; Throckmorton, G.S.; Ellis, E.; Sinn, D.P. Comparison of Habitual Masticatory Patterns in Men and Women Using a Custom Computer Program. J Prosthet Dent 1997, 78, 179–186, doi:10.1016/s0022-3913(97)70123-9.
61. Panagiotou, D.; Özkan Karaca, E.; Dirikan İpçi, Ş.; Çakar, G.; Olgaç, V.; Yılmaz, S. Comparison of Two Different Xenografts in Bilateral Sinus Augmentation: Radiographic and Histologic Findings. Quintessence Int 2015, 46, 611–619, doi:10.3290/j.qi.a33686.
62. Handschel, J.; Rüggeberg, T.; Depprich, R.; Schwarz, F.; Meyer, U.; Kübler, N.R.; Naujoks, C. Comparison of Various Approaches for the Treatment of Fractures of the Mandibular Condylar Process. J Craniomaxillofac Surg 2012, 40, e397-401, doi:10.1016/j.jcms.2012.02.012.
63. Bulcke, J.A.; Termote, J.L.; Palmers, Y.; Crolla, D. Computed Tomography of the Human Skeletal Muscular System. Neuroradiology 1979, 17, 127–136, doi:10.1007/BF00339869.
64. Lindahl, L. Condylar Fractures of the Mandible. IV. Function of the Masticatory System. Int J Oral Surg 1977, 6, 195–203, doi:10.1016/s0300-9785(77)80009-4.
65. Kahl-Nieke, B.; Fischbach, R. Condylar Restoration after Early TMJ Fractures and Functional Appliance Therapy. Part II: Muscle Evaluation. J Orofac Orthop 1999, 60, 24–38, doi:10.1007/BF01358713.
66. Bordea, I.R.; Xhajanka, E.; Candrea, S.; Bran, S.; Onișor, F.; Inchingolo, A.D.; Malcangi, G.; Pham, V.H.; Inchingolo, A.M.; Scarano, A.; et al. Coronavirus (SARS-CoV-2) Pandemic: Future Challenges for Dental Practitioners. Microorganisms 2020, 8, 1704, doi:10.3390/microorganisms8111704.
67. Minervini, G.; Franco, R.; Marrapodi, M.M.; Crimi, S.; Badnjević, A.; Cervino, G.; Bianchi, A.; Cicciù, M. Correlation between Temporomandibular Disorders (TMD) and Posture Evaluated Trough the Diagnostic Criteria for Temporomandibular Disorders (DC/TMD): A Systematic Review with Meta-Analysis. J Clin Med 2023, 12, 2652, doi:10.3390/jcm12072652.
68. Häggmark, T.; Jansson, E.; Svane, B. Cross-Sectional Area of the Thigh Muscle in Man Measured by Computed Tomography. Scand J Clin Lab Invest 1978, 38, 355–360, doi:10.3109/00365517809108434.
69. Strappa, E.M.; Memè, L.; Cerea, M.; Roy, M.; Bambini, F. Custom-Made Additively Manufactured Subperiosteal Implant. Minerva Dent Oral Sci 2022, 71, 353–360, doi:10.23736/S2724-6329.22.04640-X.
70. Contaldo, M.; Luzzi, V.; Ierardo, G.; Raimondo, E.; Boccellino, M.; Ferati, K.; Bexheti-Ferati, A.; Inchingolo, F.; Di Domenico, M.; Serpico, R.; et al. Bisphosphonate-Related Osteonecrosis of the Jaws and Dental Surgery Procedures in Children and Young People with Osteogenesis Imperfecta: A Systematic Review. J Stomatol Oral Maxillofac Surg 2020, 121, 556–562, doi:10.1016/j.jormas.2020.03.003.
71. Dimonte, M.; Inchingolo, F.; Minonne, A.; Arditi, G.; Dipalma, G. Bone SPECT in Management of Mandibular Condyle Hyperplasia. Report of a Case and Review of Literature. Minerva Stomatol 2004, 53, 281–285.
72. Bellocchio, L.; Inchingolo, A.D.; Inchingolo, A.M.; Lorusso, F.; Malcangi, G.; Santacroce, L.; Scarano, A.; Bordea, I.R.; Hazballa, D.; D'Oria, M.T.; et al. Cannabinoids Drugs and Oral Health-From Recreational Side-Effects to Medicinal Purposes: A Systematic Review. Int J Mol Sci 2021, 22, 8329, doi:10.3390/ijms22158329.
73. Inchingolo, A.M.; Inchingolo, A.D.; Latini, G.; Garofoli, G.; Sardano, R.; De Leonardis, N.; Dongiovanni, L.; Minetti, E.; Palermo, A.; Dipalma, G.; et al. Caries Prevention and Treatment in Early Childhood: Comparing Strategies. A Systematic Review. Eur Rev Med Pharmacol Sci 2023, 27, 11082–11092, doi:10.26355/eurrev_202311_34477.
74. Inchingolo, F.; Pacifici, A.; Gargari, M.; Acitores Garcia, J.I.; Amantea, M.; Marrelli, M.; Dipalma, G.; Inchingolo, A.M.; Rinaldi, R.; Inchingolo, A.D.; et al. CHARGE Syndrome: An Overview on Dental and Maxillofacial Features. Eur Rev Med Pharmacol Sci 2014, 18, 2089–2093.
75. Cantore, S.; Mirgaldi, R.; Ballini, A.; Coscia, M.F.; Scacco, S.; Papa, F.; Inchingolo, F.; Dipalma, G.; De Vito, D. Cytokine Gene Polymorphisms Associate with Microbiogical Agents in Periodontal Disease: Our Experience. Int J Med Sci 2014, 11, 674–679, doi:10.7150/ijms.6962.
76. Singh, P.; Mohanty, S.; Chaudhary, Z.; Sharma, P.; Kumar, J.; Verma, A. Does Mandibular Condylar Morphology After Fracture Healing Predict Functional Outcomes in Patients Treated With Closed Reduction? J Oral Maxillofac Surg 2022, 80, 691–699, doi:10.1016/j.joms.2021.11.008.
77. Kuntamukkula, S.; Sinha, R.; Tiwari, P.K.; Paul, D. Dynamic Stability Assessment of the Temporomandibular Joint as a Sequela of Open Reduction and Internal Fixation of Unilateral Condylar Fracture. J Oral Maxillofac Surg 2018, 76, 2598–2609, doi:10.1016/j.joms.2018.06.014.
78. Minervini, G.; Franco, R.; Marrapodi, M.M.; Fiorillo, L.; Cervino, G.; Cicciù, M. Economic Inequalities and Temporomandibular Disorders: A Systematic Review with Meta-Analysis. J Oral Rehabil 2023, 50, 715–723, doi:10.1111/joor.13491.
79. Mancini, A.; Arosio, M.; Kreitschmann-Andermahr, I.; Persani, L. Editorial: New Insights and Controversies in Diagnosis and Treatment of Adult Growth Hormone Deficiency. Front Endocrinol (Lausanne) 2021, 12, 819527, doi:10.3389/fendo.2021.819527.
80. Ferrillo, M.; Ammendolia, A.; Paduano, S.; Calafiore, D.; Marotta, N.; Migliario, M.; Fortunato, L.; Giudice, A.; Michelotti, A.; de Sire, A. Efficacy of Rehabilitation on Reducing Pain in Muscle-Related Temporomandibular Disorders: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. J Back Musculoskelet Rehabil 2022, 35, 921–936, doi:10.3233/BMR-210236.
81. Bellocchio, L.; Bordea, I.R.; Ballini, A.; Lorusso, F.; Hazballa, D.; Isacco, C.G.; Malcangi, G.; Inchingolo, A.D.; Dipalma, G.; Inchingolo, F.; et al. Environmental Issues and Neurological Manifestations Associated with COVID-19 Pandemic: New Aspects of the Disease? Int J Environ Res Public Health 2020, 17, 8049, doi:10.3390/ijerph17218049.
82. Memè, L.; Sartini, D.; Pozzi, V.; Emanuelli, M.; Strappa, E.M.; Bittarello, P.; Bambini, F.; Gallusi, G. Epithelial Biological Response to Machined Titanium vs. PVD Zirconium-Coated Titanium: An In Vitro Study. Materials (Basel) 2022, 15, 7250, doi:10.3390/ma15207250.

83. Jung, R.E.; Grohmann, P.; Sailer, I.; Steinhart, Y.-N.; Fehér, A.; Hämmerle, C.; Strub, J.R.; Kohal, R. Evaluation of a One-Piece Ceramic Implant Used for Single-Tooth Replacement and Three-Unit Fixed Partial Dentures: A Prospective Cohort Clinical Trial. Clin Oral Implants Res 2016, 27, 751–761, doi:10.1111/clr.12670.
84. Sollazzo, V.; Pezzetti, F.; Massari, L.; Palmieri, A.; Brunelli, G.; Zollino, I.; Lucchese, A.; Caruso, G.; Carinci, F. Evaluation of Gene Expression in MG63 Human Osteoblastlike Cells Exposed to Tantalum Powder by Microarray Technology. Int J Periodontics Restorative Dent 2011, 31, e17-28.
85. Balzanelli, M.; Distratis, P.; Catucci, O.; Amatulli, F.; Cefalo, A.; Lazzaro, R.; Aityan, K.S.; Dalagni, G.; Nico, A.; De Michele, A.; et al. Clinical and Diagnostic Findings in COVID-19 Patients: An Original Research from SG Moscati Hospital in Taranto Italy. J Biol Regul Homeost Agents 2021, 35, 171–183, doi:10.23812/20-605-A.
86. Inchingolo, F.; Tatullo, M.; Marrelli, M.; Inchingolo, A.D.; Corelli, R.; Inchingolo, A.M.; Dipalma, G.; Abenavoli, F.M. Clinical Case-Study Describing the Use of Skin-Perichondrium-Cartilage Graft from the Auricular Concha to Cover Large Defects of the Nose. Head Face Med 2012, 8, 10, doi:10.1186/1746-160X-8-10.
87. Inchingolo, F.; Tatullo, M.; Marrelli, M.; Inchingolo, A.M.; Tarullo, A.; Inchingolo, A.D.; Dipalma, G.; Podo Brunetti, S.; Tarullo, A.; Cagiano, R. Combined Occlusal and Pharmacological Therapy in the Treatment of Temporo-Mandibular Disorders. Eur Rev Med Pharmacol Sci 2011, 15, 1296–1300.
88. Ballini, A.; Cantore, S.; Fotopoulou, E.A.; Georgakopoulos, I.P.; Athanasiou, E.; Bellos, D.; Paduanelli, G.; Saini, R.; Dipalma, G.; Inchingolo, F. Combined Sea Salt-Based Oral Rinse with Xylitol in Orthodontic Patients: Clinical and Microbiological Study. J Biol Regul Homeost Agents 2019, 33, 263–268.
89. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Marrelli, M.; Inchingolo, A.D.; Inchingolo, A.M.; Dipalma, G. Comparison between Traditional Surgery, CO2 and Nd:Yag Laser Treatment for Generalized Gingival Hyperplasia in Sturge-Weber Syndrome: A Retrospective Study. J Investig Clin Dent 2010, 1, 85–89, doi:10.1111/j.2041-1626.2010.00020.x.
90. Patianna, A.G.; Ballini, A.; Meneghello, M.; Cantore, S.; Inchingolo, A.M.; Dipalma, G.; Inchingolo, A.D.; Inchingolo, F.; Malcangi, G.; Lucchese, A.; et al. Comparison of Conventional Orthognathic Surgery and “Surgery-First” Protocol: A New Weapon against Time. J Biol Regul Homeost Agents 2019, 33, 59-67. DENTAL SUPPLEMENT.
91. Montenegro, V.; Inchingolo, A.D.; Malcangi, G.; Limongelli, L.; Marinelli, G.; Coloccia, G.; Laudadio, C.; Patano, A.; Inchingolo, F.; Bordea, I.R.; et al. Compliance of Children with Removable Functional Appliance with Microchip Integrated during Covid-19 Pandemic: A Systematic Review. J Biol Regul Homeost Agents 2021, 35, 365–377, doi:10.23812/21-2supp1-37.
92. Kniha, K.; Schlegel, K.A.; Kniha, H.; Modabber, A.; Hölzle, F.; Kniha, K. Evaluation of Peri-Implant Bone Levels and Soft Tissue Dimensions around Zirconia Implants-a Three-Year Follow-up Study. Int J Oral Maxillofac Surg 2018, 47, 492–498, doi:10.1016/j.ijom.2017.10.013.
93. Raustia, A.M.; Pyhtinen, J.; Virtanen, K.K. Examination of the Temporomandibular Joint by Direct Sagittal Computed Tomography. Clin Radiol 1985, 36, 291–296, doi:10.1016/s0009-9260(85)80067-2.
94. Agustín-Panadero, R.; Serra-Pastor, B.; Roig-Vanaclocha, A.; Fons-Font, A.; Solá-Ruiz, M.F. Fracture Resistance and the Mode of Failure Produced in Metal-Free Crowns Cemented onto Zirconia Abutments in Dental Implants. PLoS One 2019, 14, e0220551, doi:10.1371/journal.pone.0220551.
95. Bethke, A.; Pieralli, S.; Kohal, R.-J.; Burkhardt, F.; von Stein-Lausnitz, M.; Vach, K.; Spies, B.C. Fracture Resistance of Zirconia Oral Implants In Vitro: A Systematic Review and Meta-Analysis. Materials (Basel) 2020, 13, 562, doi:10.3390/ma13030562.
96. Sailer, I.; Asgeirsson, A.G.; Thoma, D.S.; Fehmer, V.; Aspelund, T.; Özcan, M.; Pjetursson, B.E. Fracture Strength of Zirconia Implant Abutments on Narrow Diameter Implants with Internal and External Implant Abutment Connections: A Study on the Titanium Resin Base Concept. Clin Oral Implants Res 2018, 29, 411–423, doi:10.1111/clr.13139.
97. Inchingolo, F.; Dipalma, G.; Paduanelli, G.; De Oliveira, L.A.; Inchingolo, A.M.; Georgakopoulos, P.I.; Inchingolo, A.D.; Malcangi, G.; Athanasiou, E.; Fotopoulou, E.; et al. Computer-Based Quantification of an Atraumatic Sinus Augmentation Technique Using CBCT. J Biol Regul Homeost Agents 2019, 33, 31-39. DENTAL SUPPLEMENT.
98. Ceratti, C.; Maspero, C.; Consonni, D.; Caprioglio, A.; Connelly, S.T.; Inchingolo, F.; Tartaglia, G.M. Cone-Beam Computed Tomographic Assessment of the Mandibular Condylar Volume in Different Skeletal Patterns: A Retrospective Study in Adult Patients. Bioengineering (Basel) 2022, 9, 102, doi:10.3390/bioengineering9030102.
99. Patano, A.; Malcangi, G.; De Santis, M.; Morolla, R.; Settanni, V.; Piras, F.; Inchingolo, A.D.; Mancini, A.; Inchingolo, F.; Dipalma, G.; et al. Conservative Treatment of Dental Non-Carious Cervical Lesions: A Scoping Review. Biomedicines 2023, 11, 1530, doi:10.3390/biomedicines11061530.
100. Romita, P.; Foti, C.; Calogiuri, G.; Cantore, S.; Ballini, A.; Dipalma, G.; Inchingolo, F. Contact Dermatitis Due to Transdermal Therapeutic Systems: A Clinical Update. Acta Biomed 2018, 90, 5–10, doi:10.23750/abm.v90i1.6563.
101. Inchingolo, A.D.; Di Cosola, M.; Inchingolo, A.M.; Greco Lucchina, A.; Malcangi, G.; Pettini, F.; Scarano, A.; Bordea, I.R.; Hazballa, D.; Lorusso, F.; et al. Correlation between Occlusal Trauma and Oral Microbiota: A Microbiological Investigation. J Biol Regul Homeost Agents 2021, 35, 295–302, doi:10.23812/21-2supp1-29.
102. Santler, G.; Kärcher, H.; Ruda, C.; Köle, E. Fractures of the Condylar Process: Surgical versus Nonsurgical Treatment. J Oral Maxillofac Surg 1999, 57, 392–397; discussion 397-398, doi:10.1016/s0278-2391(99)90276-8.
103. Vincent, A.G.; Ducic, Y.; Kellman, R. Fractures of the Mandibular Condyle. Facial Plast Surg 2019, 35, 623–626, doi:10.1055/s-0039-1700888.
104. Spirito, F.; Memè, L.; Strappa, E.M.; Gallusi, G.; Bambini, F. FT-IR Analysis of the Interface between Universal Scotchbond and Oral Mucosa: A Preliminary in-Vitro Study. Minerva Dent Oral Sci 2023, 72, 45–53, doi:10.23736/S2724-6329.22.04749-0.
105. Yang, W.-G.; Chen, C.-T.; Tsay, P.-K.; Chen, Y.-R. Functional Results of Unilateral Mandibular Condylar Process Fractures after Open and Closed Treatment. J Trauma 2002, 52, 498–503, doi:10.1097/00005373-200203000-00014.
106. Kotsu, M.; Urbizo Velez, J.; Bengazi, F.; Tumedei, M.; Fujiwara, S.; Kato, S.; Botticelli, D. Healing at Implants Installed from ~ 70- to < 10-Ncm Insertion Torques: An Experimental Study in Dogs. Oral Maxillofac Surg 2021, 25, 55–64, doi:10.1007/s10006-020-00890-3.
107. Fujiwara, S.; Kato, S.; Bengazi, F.; Urbizo Velez, J.; Tumedei, M.; Kotsu, M.; Botticelli, D. Healing at Implants Installed in Osteotomies Prepared Either with a Piezoelectric Device or Drills: An Experimental Study in Dogs. Oral Maxillofac Surg 2021, 25, 65–73, doi:10.1007/s10006-020-00895-y.
108. Takenoshita, Y.; Enomoto, T.; Oka, M. Healing of Fractures of the Coronoid Process: Report of Cases. J Oral Maxillofac Surg 1993, 51, 200–204, doi:10.1016/s0278-2391(10)80023-0.
109. Gehrke, S.A.; Mazón, P.; Del Fabbro, M.; Tumedei, M.; Aramburú Júnior, J.; Pérez-Díaz, L.; De Aza, P.N. Histological and Histomorphometric Analyses of Two Bovine Bone Blocks Implanted in Rabbit Calvaria. Symmetry 2019, 11, 641, doi:10.3390/sym11050641.
110. Fienitz, T.; Moses, O.; Klemm, C.; Happe, A.; Ferrari, D.; Kreppel, M.; Ormianer, Z.; Gal, M.; Rothamel, D. Histological and Radiological Evaluation of Sintered and Non-Sintered Deproteinized Bovine Bone Substitute Materials in Sinus Augmentation Procedures. A Prospective, Randomized-Controlled, Clinical Multicenter Study. Clin Oral Investig 2017, 21, 787–794, doi:10.1007/s00784-016-1829-9.
111. Mancini, A.; Festa, R.; Raimondo, S.; Pontecorvi, A.;

Littarru, G.P. Hormonal Influence on Coenzyme Q(10) Levels in Blood Plasma. Int J Mol Sci 2011, 12, 9216–9225, doi:10.3390/ijms12129216.
112. Greenhalgh, T. How to Read a Paper. Getting Your Bearings (Deciding What the Paper Is About). BMJ 1997, 315, 243–246, doi:10.1136/bmj.315.7102.243.
113. Cannizzaro, G.; Torchio, C.; Felice, P.; Leone, M.; Esposito, M. Immediate Occlusal versus Non-Occlusal Loading of Single Zirconia Implants. A Multicentre Pragmatic Randomised Clinical Trial. Eur J Oral Implantol 2010, 3, 111–120.
114. Payer, M.; Heschl, A.; Koller, M.; Arnetzl, G.; Lorenzoni, M.; Jakse, N. All-Ceramic Restoration of Zirconia Two-Piece Implants--a Randomized Controlled Clinical Trial. Clin Oral Implants Res 2015, 26, 371–376, doi:10.1111/clr.12342.
115. Patankar, A.; Kshirsagar, R.; Patankar, S.; Pawar, S. Immediate, Non Submerged Root Analog Zirconia Implant in Single Rooted Tooth Replacement: Case Report with 2 Years Follow Up. J Maxillofac Oral Surg 2016, 15, 270–273, doi:10.1007/s12663-015-0786-1.
116. Pirker, W.; Kocher, A. Immediate, Non-Submerged, Root-Analogue Zirconia Implant in Single Tooth Replacement. Int J Oral Maxillofac Surg 2008, 37, 293–295, doi:10.1016/j.ijom.2007.11.008.
117. Malcangi, G.; Inchingolo, A.D.; Inchingolo, A.M.; Santacroce, L.; Marinelli, G.; Mancini, A.; Vimercati, L.; Maggiore, M.E.; D'Oria, M.T.; Hazballa, D.; et al. COVID-19 Infection in Children, Infants and Pregnant Subjects: An Overview of Recent Insights and Therapies. Microorganisms 2021, 9, 1964, doi:10.3390/microorganisms9091964.
118. Scarano, A.; Khater, A.G.A.; Gehrke, S.A.; Serra, P.; Francesco, I.; Di Carmine, M.; Tari, S.R.; Leo, L.; Lorusso, F. Current Status of Peri-Implant Diseases: A Clinical Review for Evidence-Based Decision Making. J Funct Biomater 2023, 14, 210, doi:10.3390/jfb14040210.
119. Inchingolo, A.M.; Malcangi, G.; Ferrante, L.; Del Vecchio, G.; Viapiano, F.; Mancini, A.; Inchingolo, F.; Inchingolo, A.D.; Di Venere, D.; Dipalma, G.; et al. Damage from Carbonated Soft Drinks on Enamel: A Systematic Review. Nutrients 2023, 15, 1785, doi:10.3390/nu15071785.
120. Pasciuti, E.; Coloccia, G.; Inchingolo, A.D.; Patano, A.; Ceci, S.; Bordea, I.R.; Cardarelli, F.; Di Venere, D.; Inchingolo, F.; Dipalma, G. Deep Bite Treatment with Aligners: A New Protocol. Applied Sciences 2022, 12, 6709, doi:10.3390/app12136709.
121. Ferrigno, N.; Laureti, M.; Fanali, S. Dental Implants Placement in Conjunction with Osteotome Sinus Floor Elevation: A 12-Year Life-Table Analysis from a Prospective Study on 588 ITI Implants. Clin Oral Implants Res 2006, 17, 194–205, doi:10.1111/j.1600-0501.2005.01192.x.
122. Minetti, E.; Palermo, A.; Malcangi, G.; Inchingolo, A.D.; Mancini, A.; Dipalma, G.; Inchingolo, F.; Patano, A.; Inchingolo, A.M. Dentin, Dentin Graft, and Bone Graft: Microscopic and Spectroscopic Analysis. J Funct Biomater 2023, 14, 272, doi:10.3390/jfb14050272.
123. d'Apuzzo, F.; Nucci, L.; Strangio, B.M.; Inchingolo, A.D.; Dipalma, G.; Minervini, G.; Perillo, L.; Grassia, V. Dento-Skeletal Class III Treatment with Mixed Anchored Palatal Expander: A Systematic Review. Applied Sciences 2022, 12, 4646, doi:10.3390/app12094646.
124. Pirker, W.; Kocher, A. Immediate, Non-Submerged, Root-Analogue Zirconia Implants Placed into Single-Rooted Extraction Sockets: 2-Year Follow-up of a Clinical Study. Int J Oral Maxillofac Surg 2009, 38, 1127–1132, doi:10.1016/j.ijom.2009.07.008.
125. Bordea, I.R.; Candrea, S.; Sălăgean, T.; Pop, I.D.; Lucaciu, O.; Ilea, A.; Manole, M.; Băbțan, A.-M.; Sirbu, A.; Hanna, R. Impact of COVID-19 Pandemic on Healthcare Professionals and Oral Care Operational Services: A Systemic Review. Risk Manag Healthc Policy 2021, 14, 453–463, doi:10.2147/RMHP.S284557.
126. Qamar, Z.; Alghamdi, A.M.S.; Haydarah, N.K.B.; Balateef, A.A.; Alamoudi, A.A.; Abumismar, M.A.; Shivakumar, S.; Cicciù, M.; Minervini, G. Impact of Temporomandibular Disorders on Oral Health-Related Quality of Life: A Systematic Review and Meta-Analysis. J Oral Rehabil 2023, 50, 706–714, doi:10.1111/joor.13472.
127. Fanali, S.; Tumedei, M.; Pignatelli, P.; Inchingolo, F.; Pennacchietti, P.; Pace, G.; Piattelli, A. Implant Primary Stability with an Osteocondensation Drilling Protocol in Different Density Polyurethane Blocks. Comput Methods Biomech Biomed Engin 2021, 24, 14–20, doi:10.1080/10255842.2020.1806251.
128. Ramírez Fernández, M.P.; Gehrke, S.A.; Mazón, P.; Calvo-Guirado, J.L.; De Aza, P.N. Implant Stability of Biological Hydroxyapatites Used in Dentistry. Materials (Basel) 2017, 10, 644, doi:10.3390/ma10060644.
129. Patano, A.; Inchingolo, A.D.; Malcangi, G.; Garibaldi, M.; De Leonardis, N.; Campanelli, M.; Palumbo, I.; Benagiano, S.; Bordea, I.R.; Minetti, E.; et al. Direct and Indirect Bonding Techniques in Orthodontics: A Systematic Review. Eur Rev Med Pharmacol Sci 2023, 27, 8039–8054, doi:10.26355/eurrev_202309_33565.
130. Vermesan, D.; Prejbeanu, R.; Poenaru, D.V.; Petrescu, H.; Apostol, E.; Inchingolo, F.; Dipalma, G.; Abbinante, A.; Caprio, M.; Potenza, M.A.; et al. Do Intramedullary Implants Improve Survival in Elderly Patients with Trochanteric Fractures? A Retrospective Study. Clin Ter 2015, 166, e140-145, doi:10.7417/CT.2015.1844.
131. Patano, A.; Cirulli, N.; Beretta, M.; Plantamura, P.; Inchingolo, A.D.; Inchingolo, A.M.; Bordea, I.R.; Malcangi, G.; Marinelli, G.; Scarano, A.; et al. Education Technology in Orthodontics and Paediatric Dentistry during the COVID-19 Pandemic: A Systematic Review. Int J Environ Res Public Health 2021, 18, 6056, doi:10.3390/ijerph18116056.
132. Ballini, A.; Cantore, S.; Saini, R.; Pettini, F.; Fotopoulou, E.A.; Saini, S.R.; Georgakopoulos, I.P.; Dipalma, G.; Gargiulo Isacco, C.; Inchingolo, F. Effect of Activated Charcoal Probiotic Toothpaste Containing Lactobacillus Paracasei and Xylitol on Dental Caries: A Randomized and Controlled Clinical Trial. J Biol Regul Homeost Agents 2019, 33, 977–981.
133. Bambini, F.; De Stefano, C.A.; Giannetti, L.; Memè, L.; Pellecchia, M. (Influence of biphosphonates on the integration process of endosseous implants evaluated using single photon emission computerized tomography (SPECT)). Minerva Stomatol 2003, 52, 331–338.
134. Kermanshah, H.; Geramy, A.; Ebrahimi, S.F.; Bitaraf, T. IPS-Empress II Inlay-Retained Fixed Partial Denture Reinforced with Zirconia Bar: Three-Dimensional Finite Element and in-Vitro Studies. Acta Odontol Scand 2012, 70, 569–576, doi:10.3109/00016357.2011.640283.
135. Samartzis, D.; Shen, F.H.; Goldberg, E.J.; An, H.S. Is Autograft the Gold Standard in Achieving Radiographic Fusion in One-Level Anterior Cervical Discectomy and Fusion with Rigid Anterior Plate Fixation? Spine (Phila Pa 1976) 2005, 30, 1756–1761, doi:10.1097/01.brs.0000172148.86756.ce.
136. Throckmorton, G.S.; Ellis, E.; Hayasaki, H. Jaw Kinematics during Mastication after Unilateral Fractures of the Mandibular Condylar Process. Am J Orthod Dentofacial Orthop 2003, 124, 695–707, doi:10.1016/j.ajodo.2003.03.002.
137. Shakya, S.; Zhang, X.; Liu, L. Key Points in Surgical Management of Mandibular Condylar Fractures. Chin J Traumatol 2020, 23, 63–70, doi:10.1016/j.cjtee.2019.08.006.
138. Simian, M.; Dahlin, C.; Blair, K.; Schenk, R.K. Effect of Different Microstructures of E-PTFE Membranes on Bone Regeneration and Soft Tissue Response: A Histologic Study in Canine Mandible. Clinical Oral Implants Research 1999, 10, 73–84, doi:10.1034/j.1600-0501.1999.100201.x.
139. Grassi, F.R.; Ciccolella, F.; D'Apolito, G.; Papa, F.; Iuso, A.; Salzo, A.E.; Trentadue, R.; Nardi, G.M.; Scivetti, M.; De Matteo, M.; et al. Effect of Low-Level Laser Irradiation on Osteoblast Proliferation and Bone Formation. J Biol Regul Homeost Agents 2011, 25, 603–614.
140. Coloccia, G.; Inchingolo, A.D.; Inchingolo, A.M.; Malcangi, G.; Montenegro, V.; Patano, A.; Marinelli, G.; Laudadio, C.; Limongelli, L.; Di Venere, D.; et al. Effectiveness of Dental and Maxillary Transverse Changes in Tooth-Borne, Bone-Borne, and Hybrid Palatal Expansion through Cone-Beam Tomography: A Systematic Review of the Literature. Medicina (Kaunas) 2021, 57, 288, doi:10.3390/medicina57030288.

141. Patano, A.; Inchingolo, A.M.; Cardarelli, F.; Inchingolo, A.D.; Viapiano, F.; Giotta, M.; Bartolomeo, N.; Di Venere, D.; Malcangi, G.; Minetti, E.; et al. Effects of Elastodontic Appliance on the Pharyngeal Airway Space in Class II Malocclusion. J Clin Med 2023, 12, 4280, doi:10.3390/jcm12134280.
142. Cao, Y.; Yu, C.; Wu, Y.; Li, L.; Li, C. Long-Term Survival and Peri-Implant Health of Titanium Implants with Zirconia Abutments: A Systematic Review and Meta-Analysis. J Prosthodont 2019, 28, 883–892, doi:10.1111/jopr.13097.
143. Mooney, S.; Gulati, R.D.; Yusupov, S.; Butts, S.C. Mandibular Condylar Fractures. Facial Plast Surg Clin North Am 2022, 30, 85–98, doi:10.1016/j.fsc.2021.08.007.
144. Ortiz-Gutiérrez, A.L.; Beltrán-Salinas, B.; Cienfuegos, R. Mandibular Condyle Fractures: A Diagnosis with Controversial Treatment. Cir Cir 2019, 87, 587–594, doi:10.24875/CIRU.18000507.
145. Villarreal, P.M.; Monje, F.; Junquera, L.M.; Mateo, J.; Morillo, A.J.; González, C. Mandibular Condyle Fractures: Determinants of Treatment and Outcome. J Oral Maxillofac Surg 2004, 62, 155–163, doi:10.1016/j.joms.2003.08.010.
146. Shen, L.; Li, J.; Li, P.; Long, J.; Tian, W.; Tang, W. Mandibular Coronoid Fractures: Treatment Options. Int J Oral Maxillofac Surg 2013, 42, 721–726, doi:10.1016/j.ijom.2013.03.009.
147. Morris, C.; Bebeau, N.P.; Brockhoff, H.; Tandon, R.; Tiwana, P. Mandibular Fractures: An Analysis of the Epidemiology and Patterns of Injury in 4,143 Fractures. J Oral Maxillofac Surg 2015, 73, 951.e1-951.e12, doi:10.1016/j.joms.2015.01.001.
148. Hjorth, T.; Melsen, B.; Møller, E. Masticatory Muscle Function after Unilateral Condylar Fractures: A Prospective and Quantitative Electromyographic Study. Eur J Oral Sci 1997, 105, 298–304, doi:10.1111/j.1600-0722.1997.tb00244.x.
149. Ottria, L.; Lauritano, D.; Andreasi Bassi, M.; Palmieri, A.; Candotto, V.; Tagliabue, A.; Tettamanti, L. Mechanical, Chemical and Biological Aspects of Titanium and Titanium Alloys in Implant Dentistry. J Biol Regul Homeost Agents 2018, 32, 81–90.
150. Memè, L.; Bambini, F.; Pizzolante, T.; Principi, M.; Sampalmieri, F.; Mummolo, S. Microscopic Analysis and Evaluation of Thermal Elevation and Wear of Drills for Implant Site Preparation: An In Vitro Study. Materials (Basel) 2024, 17, 5524, doi:10.3390/ma17225524.
151. Grassi, A.; Memè, L.; Strappa, E.M.; Martini, E.; Bambini, F. Modified Periosteal Inhibition (MPI) Technique for Extraction Sockets: A Case Series Report. Applied Sciences 2022, 12, 12292, doi:10.3390/app122312292.
152. Inchingolo, A.D.; Inchingolo, A.M.; Malcangi, G.; Avantario, P.; Azzollini, D.; Buongiorno, S.; Viapiano, F.; Campanelli, M.; Ciocia, A.M.; De Leonardis, N.; et al. Effects of Resveratrol, Curcumin and Quercetin Supplementation on Bone Metabolism-A Systematic Review. Nutrients 2022, 14, 3519, doi:10.3390/nu14173519.
153. Lauritano, D.; Bignozzi, C.A.; Pazzi, D.; Cura, F.; Carinci, F. Efficacy of a New Coating of Implant-Abutment Connections in Reducing Bacterial Loading: An in Vitro Study. Oral Implantol (Rome) 2017, 10, 1–10, doi:10.11138/orl/2017.10.1.001.
154. Ballini, A.; Cantore, S.; Signorini, L.; Saini, R.; Scacco, S.; Gnoni, A.; Inchingolo, A.D.; De Vito, D.; Santacroce, L.; Inchingolo, F.; et al. Efficacy of Sea Salt-Based Mouthwash and Xylitol in Improving Oral Hygiene among Adolescent Population: A Pilot Study. Int J Environ Res Public Health 2020, 18, 44, doi:10.3390/ijerph18010044.
155. Quaranta, A.; Ronconi, L.F.; Di Carlo, F.; Vozza, I.; Quaranta, M. Electrochemical Behaviour of Titanium in Ammine and Stannous Fluoride and Chlorhexidine 0.2 Percent Mouthwashes. Int J Immunopathol Pharmacol 2010, 23, 335–343, doi:10.1177/039463201002300132.
156. Scarano, A.; Inchingolo, F.; Lorusso, F. Environmental Disinfection of a Dental Clinic during the Covid-19 Pandemic: A Narrative Insight. Biomed Res Int 2020, 2020, 8896812, doi:10.1155/2020/8896812.
157. Signorini, L.; Ballini, A.; Arrigoni, R.; De Leonardis, F.; Saini, R.; Cantore, S.; De Vito, D.; Coscia, M.F.; Dipalma, G.; Santacroce, L.; et al. Evaluation of a Nutraceutical Product with Probiotics, Vitamin D, Plus Banaba Leaf Extracts (Lagerstroemia Speciosa) in Glycemic Control. Endocr Metab Immune Disord Drug Targets 2021, 21, 1356–1365, doi:10.2174/1871530320666201109115415.
158. Borgonovo, A.; Censi, R.; Dolci, M.; Vavassori, V.; Bianchi, A.; Maiorana, C. Use of Endosseous One-Piece Yttrium-Stabilized Zirconia Dental Implants in Premolar Region: A Two-Year Clinical Preliminary Report. Minerva Stomatol 2011, 60, 229–241.
159. Bordea, I.R.; Candrea, S.; Alexescu, G.T.; Bran, S.; Băciuț, M.; Băciuț, G.; Lucaciu, O.; Dinu, C.M.; Todea, D.A. Nano-Hydroxyapatite Use in Dentistry: A Systematic Review. Drug Metab Rev 2020, 52, 319–332, doi:10.1080/03602532.2020.1758713.
160. Mancini, A.; Inchingolo, A.M.; Blasio, M.D.; de Ruvo, E.; Noia, A.D.; Ferrante, L.; Vecchio, G.D.; Palermo, A.; Inchingolo, F.; Inchingolo, A.D.; et al. Neurological Complications Following Surgical Treatments of the Lower Molars. Int J Dent 2024, 2024, 5415597, doi:10.1155/2024/5415597.
161. Albrektsson, T.; Wennerberg, A. On Osseointegration in Relation to Implant Surfaces. Clin Implant Dent Relat Res 2019, 21 Suppl 1, 4–7, doi:10.1111/cid.12742.
162. Kohal, R.-J.; Patzelt, S.B.M.; Butz, F.; Sahlin, H. One-Piece Zirconia Oral Implants: One-Year Results from a Prospective Case Series. 2. Three-Unit Fixed Dental Prosthesis (FDP) Reconstruction. J Clin Periodontol 2013, 40, 553–562, doi:10.1111/jcpe.12093.
163. Kohal, R.-J.; Spies, B.C.; Bauer, A.; Butz, F. One-Piece Zirconia Oral Implants for Single-Tooth Replacement: Three-Year Results from a Long-Term Prospective Cohort Study. J Clin Periodontol 2018, 45, 114–124, doi:10.1111/jcpe.12815.
164. Davis, P.M. Open Access, Readership, Citations: A Randomized Controlled Trial of Scientific Journal Publishing. FASEB J 2011, 25, 2129–2134, doi:10.1096/fj.11-183988.
165. Hua, F.; Shen, C.; Walsh, T.; Glenny, A.-M.; Worthington, H. Open Access: Concepts, Findings, and Recommendations for Stakeholders in Dentistry. J Dent 2017, 64, 13–22, doi:10.1016/j.jdent.2017.06.012.
166. Devlin, M.F.; Hislop, W.S.; Carton, A.T.M. Open Reduction and Internal Fixation of Fractured Mandibular Condyles by a Retromandibular Approach: Surgical Morbidity and Informed Consent. Br J Oral Maxillofac Surg 2002, 40, 23–25, doi:10.1054/bjom.2001.0748.
167. Jensen, T.; Jensen, J.; Nørholt, S.E.; Dahl, M.; Lenk-Hansen, L.; Svensson, P. Open Reduction and Rigid Internal Fixation of Mandibular Condylar Fractures by an Intraoral Approach: A Long-Term Follow-up Study of 15 Patients. J Oral Maxillofac Surg 2006, 64, 1771–1779, doi:10.1016/j.joms.2005.12.069.
168. Cantore, S.; Ballini, A.; Farronato, D.; Malcangi, G.; Dipalma, G.; Assandri, F.; Garagiola, U.; Inchingolo, F.; De Vito, D.; Cirulli, N. Evaluation of an Oral Appliance in Patients with Mild to Moderate Obstructive Sleep Apnea Syndrome Intolerant to Continuous Positive Airway Pressure Use: Preliminary Results. Int J Immunopathol Pharmacol 2016, 29, 267–273, doi:10.1177/0394632015590949.
169. Farronato, M.; Farronato, D.; Inchingolo, F.; Grassi, L.; Lanteri, V.; Maspero, C. Evaluation of Dental Surface after De-Bonding Orthodontic Bracket Bonded with a Novel Fluorescent Composite: In Vitro Comparative Study. Applied Sciences 2021, 11, 6354, doi:10.3390/app11146354.
170. Bevilacqua, L.; Lorenzon, M.G.; Bjedov, M.; Costantinides, F.; Angerame, D.; Maglione, M. Evaluation of the Efficacy of Inter-Dental Brush and Dental Floss for Peri-Implant Mucositis: A Crossover Randomized Clinical Trial. Int J Dent Hyg 2024, 22, 779–788, doi:10.1111/idh.12793.
171. Inchingolo, A.D.; Pezzolla, C.; Patano, A.; Ceci, S.; Ciocia, A.M.; Marinelli, G.; Malcangi, G.; Montenegro, V.; Cardarelli, F.; Piras, F.; et al. Experimental Analysis of the Use of Cranial Electromyography in Athletes and Clinical Implications. Int J Environ Res Public Health 2022, 19, 7975, doi:10.3390/ijerph19137975.
172. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Inchingolo, A.D.; Inchingolo, A.M.; Dipalma, G. Fish-Hook Injuries:

A Risk for Fishermen. Head Face Med 2010, 6, 28, doi:10.1186/1746-160X-6-28.
173. Santacroce, L.; Di Cosola, M.; Bottalico, L.; Topi, S.; Charitos, I.A.; Ballini, A.; Inchingolo, F.; Cazzolla, A.P.; Dipalma, G. Focus on HPV Infection and the Molecular Mechanisms of Oral Carcinogenesis. Viruses 2021, 13, 559, doi:10.3390/v13040559.
174. Silva, A.P. da; Sassi, F.C.; Andrade, C.R.F. de Oral-motor and electromyographic characterization of patients submitted to open a nd closed reductions of mandibular condyle fracture. Codas 2016, 28, 558–566, doi:10.1590/2317-1782/20162015186.
175. Adina, S.; Dipalma, G.; Bordea, I.R.; Lucaciu, O.; Feurdean, C.; Inchingolo, A.D.; Septimiu, R.; Malcangi, G.; Cantore, S.; Martin, D.; et al. Orthopedic Joint Stability Influences Growth and Maxillary Development: Clinical Aspects. J Biol Regul Homeost Agents 2020, 34, 747–756, doi:10.23812/20-204-E-52.
176. Pripatnanont, P.; Nuntanaranont, T.; Vongvatcharanon, S.; Limlertmongkol, S. Osteoconductive Effects of 3 Heat-Treated Hydroxyapatites in Rabbit Calvarial Defects. J Oral Maxillofac Surg 2007, 65, 2418–2424, doi:10.1016/j.joms.2007.06.619.
177. Barros, R.R.M.; Degidi, M.; Novaes, A.B.; Piattelli, A.; Shibli, J.A.; Iezzi, G. Osteocyte Density in the Peri-Implant Bone of Immediately Loaded and Submerged Dental Implants. J Periodontol 2009, 80, 499–504, doi:10.1902/jop.2009.080484.
178. Park, S.-S.; Lee, K.-C.; Kim, S.-K. Overview of Mandibular Condyle Fracture. Arch Plast Surg 2012, 39, 281–283, doi:10.5999/aps.2012.39.4.281.
179. Mancini, A.; Silvestrini, A. Oxidative Stress in Metabolic and Endocrine Diseases: Basic and Translational Aspects. Int J Mol Sci 2022, 23, 4346, doi:10.3390/ijms23084346.
180. Ferrillo, M.; Giudice, A.; Marotta, N.; Fortunato, F.; Di Venere, D.; Ammendolia, A.; Fiore, P.; de Sire, A. Pain Management and Rehabilitation for Central Sensitization in Temporomandibular Disorders: A Comprehensive Review. Int J Mol Sci 2022, 23, 12164, doi:10.3390/ijms232012164.
181. Kniha, K.; Kniha, H.; Möhlhenrich, S.C.; Milz, S.; Hölzle, F.; Modabber, A. Papilla and Alveolar Crest Levels in Immediate versus Delayed Single-Tooth Zirconia Implants. Int J Oral Maxillofac Surg 2017, 46, 1039–1044, doi:10.1016/j.ijom.2017.02.007.
182. Palermo, A.; D'Onofrio, L.; Buzzetti, R.; Manfrini, S.; Napoli, N. Pathophysiology of Bone Fragility in Patients with Diabetes. Calcif Tissue Int 2017, 100, 122–132, doi:10.1007/s00223-016-0226-3.
183. Lorenz, J.; Giulini, N.; Hölscher, W.; Schwiertz, A.; Schwarz, F.; Sader, R. Prospective Controlled Clinical Study Investigating Long-Term Clinical Parameters, Patient Satisfaction, and Microbial Contamination of Zirconia Implants. Clin Implant Dent Relat Res 2019, 21, 263–271, doi:10.1111/cid.12720.
184. Dipalma, G.; Inchingolo, A.D.; Inchingolo, F.; Charitos, I.A.; Di Cosola, M.; Cazzolla, A.P. Focus on the Cariogenic Process: Microbial and Biochemical Interactions with Teeth and Oral Environment. J Biol Regul Homeost Agents 2021, 35, doi:10.23812/20-747-A.
185. Stavropoulos, A.; Marcantonio, C.C.; de Oliveira, V.X.R.; Marcantonio, É.; de Oliveira, G.J.P.L. Fresh-Frozen Allogeneic Bone Blocks Grafts for Alveolar Ridge Augmentation: Biological and Clinical Aspects. Periodontol 2000 2023, 93, 139–152, doi:10.1111/prd.12543.
186. Pacifici, L.; Santacroce, L.; Dipalma, G.; Haxhirexha, K.; Topi, S.; Cantore, S.; Altini, V.; Pacifici, A.; De Vito, D.; Pettini, F.; et al. Gender Medicine: The Impact of Probiotics on Male Patients. Clin Ter 2021, 171, e8–e15, doi:10.7417/CT.2021.2274.
187. Inchingolo, A.D.; Patano, A.; Coloccia, G.; Ceci, S.; Inchingolo, A.M.; Marinelli, G.; Malcangi, G.; Montenegro, V.; Laudadio, C.; Palmieri, G.; et al. Genetic Pattern, Orthodontic and Surgical Management of Multiple Supplementary Impacted Teeth in a Rare, Cleidocranial Dysplasia Patient: A Case Report. Medicina (Kaunas) 2021, 57, 1350, doi:10.3390/medicina57121350.
188. Farì, G.; Megna, M.; Scacco, S.; Ranieri, M.; Raele, M.V.; Chiaia Noya, E.; Macchiarola, D.; Bianchi, F.P.; Carati, D.; Panico, S.; et al. Hemp Seed Oil in Association with β-Caryophyllene, Myrcene and Ginger Extract as a Nutraceutical Integration in Knee Osteoarthritis: A Double-Blind Prospective Case-Control Study. Medicina (Kaunas) 2023, 59, 191, doi:10.3390/medicina59020191.
189. Greenstein, G.; Eskow, R. High Prevalence Rates of Peri-Implant Mucositis and Peri-Implantitis Post Dental Implantations Dictate Need for Continuous Peri-Implant Maintenance. Compend Contin Educ Dent 2022, 43, 206–213; quiz 214.
190. Bernardi, S.; Memè, L.; Belfioretti, C.; Bambini, F.; Gerardi, D.; Macchiarelli, G.; Bianchi, S.; Mummolo, S. Psoriatic Arthritis Involving TMJ: A Review on Pathogenesis and Consideration on Eventual Gender Differences. Dent J (Basel) 2024, 12, 31, doi:10.3390/dj12020031.
191. Di Paolo, C.; Qorri, E.; Falisi, G.; Gatto, R.; Tari, S.R.; Scarano, A.; Rastelli, S.; Inchingolo, F.; Di Giacomo, P. RA.DI.CA. Splint Therapy in the Management of Temporomandibular Joint Displacement without Reduction. J Pers Med 2023, 13, 1095, doi:10.3390/jpm13071095.
192. Bambini, F.; Greci, L.; Memè, L.; Santarelli, A.; Carinci, F.; Pezzetti, F.; Procaccini, M.; Lo Muzio, L. Raloxifene Covalently Bonded to Titanium Implants by Interfacing with (3-Aminopropyl)-Triethoxysilane Affects Osteoblast-like Cell Gene Expression. Int J Immunopathol Pharmacol 2006, 19, 905–914, doi:10.1177/039463200601900420.
193. Vermesan, D.; Prejbeanu, R.; Trocan, I.; Birsasteanu, F.; Florescu, S.; Balanescu, A.; Abbinante, A.; Caprio, M.; Potenza, A.; Dipalma, G.; et al. Reconstructed ACLs Have Different Cross-Sectional Areas Compared to the Native Contralaterals on Postoperative MRIs. A Pilot Study. Eur Rev Med Pharmacol Sci 2015, 19, 1155–1160.
194. Thaller, S.R.; Hoyt, J.; Borjeson, K.; Dart, A.; Tesluk, H. Reconstruction of Calvarial Defects with Anorganic Bovine Bone Mineral (Bio-Oss) in a Rabbit Model. J Craniofac Surg 1993, 4, 79–84, doi:10.1097/00001665-199304000-00005.
195. Dang, Q.T.; Huynh, T.D.; Inchingolo, F.; Dipalma, G.; Inchingolo, A.D.; Cantore, S.; Paduanelli, G.; Nguyen, K.C.D.; Ballini, A.; Isacco, C.G.; et al. Human Chondrocytes from Human Adipose Tissue-Derived Mesenchymal Stem Cells Seeded on a Dermal-Derived Collagen Matrix Sheet: Our Preliminary Results for a Ready to Go Biotechnological Cartilage Graft in Clinical Practice. Stem Cells Int 2021, 2021, 6664697, doi:10.1155/2021/6664697.
196. Coscia, M.F.; Monno, R.; Ballini, A.; Mirgaldi, R.; Dipalma, G.; Pettini, F.; Cristallo, V.; Inchingolo, F.; Foti, C.; de Vito, D. Human Papilloma Virus (HPV) Genotypes Prevalence in a Region of South Italy (Apulia). Ann Ist Super Sanita 2015, 51, 248–251, doi:10.4415/ANN_15_03_14.
197. Scarano, A.; Rapone, B.; Amuso, D.; Inchingolo, F.; Lorusso, F. Hyaluronic Acid Fillers Enriched with Glycine and Proline in Eyebrow Augmentation Procedure. Aesthetic Plast Surg 2022, 46, 419–428, doi:10.1007/s00266-021-02412-2.
198. Selvaprithiviraj, V.; Vaquette, C.; Ivanovski, S. Hydrogel Based Soft Tissue Expanders for Orodental Reconstruction. Acta Biomater 2023, 172, 53–66, doi:10.1016/j.actbio.2023.10.021.
199. Hibi, H. Iatrogenic Risk of Osteonecrosis of the Jaw? Bone Substitutes for Dental Implants: A Warning from Japan. Nagoya J Med Sci 2020, 82, 1–3, doi:10.18999/nagjms.82.1.1.
200. Balzanelli, M.G.; Distratis, P.; Dipalma, G.; Vimercati, L.; Catucci, O.; Amatulli, F.; Cefalo, A.; Lazzaro, R.; Palazzo, D.; Aityan, S.K.; et al. Immunity Profiling of COVID-19 Infection, Dynamic Variations of Lymphocyte Subsets, a Comparative Analysis on Four Different Groups. Microorganisms 2021, 9, 2036, doi:10.3390/microorganisms9102036.
201. Borsani, E.; Buffoli, B.; Bonazza, V.; Brunelli, G.; Monini, L.; Inchingolo, F.; Ballini, A.; Rezzani, R.; Rodella, L.F. In Vitro Effects of Concentrated Growth Factors (CGF) on Human SH-SY5Y Neuronal Cells. Eur Rev Med Pharmacol Sci 2020, 24, 304–314, doi:10.26355/eurrev_202001_19927.
202. Bonazza, V.; Borsani, E.; Buffoli, B.; Parolini, S.; Inchingolo, F.; Rezzani, R.; Rodella, L.F. In Vitro Treatment with Concentrated Growth Factors (CGF) and Sodium

Orthosilicate Positively Affects Cell Renewal in Three Different Human Cell Lines. Cell Biol Int 2018, 42, 353–364, doi:10.1002/cbin.10908.
203. Maspero, C.; Abate, A.; Inchingolo, F.; Dolci, C.; Cagetti, M.G.; Tartaglia, G.M. Incidental Finding in Pre-Orthodontic Treatment Radiographs of an Aural Foreign Body: A Case Report. Children (Basel) 2022, 9, 421, doi:10.3390/children9030421.
204. Cirulli, N.; Inchingolo, A.D.; Patano, A.; Ceci, S.; Marinelli, G.; Malcangi, G.; Coloccia, G.; Montenegro, V.; Di Pede, C.; Ciocia, A.M.; et al. Innovative Application of Diathermy in Orthodontics: A Case Report. Int J Environ Res Public Health 2022, 19, 7448, doi:10.3390/ijerph19127448.
205. Inchingolo, F.; Hazballa, D.; Inchingolo, A.D.; Malcangi, G.; Marinelli, G.; Mancini, A.; Maggiore, M.E.; Bordea, I.R.; Scarano, A.; Farronato, M.; et al. Innovative Concepts and Recent Breakthrough for Engineered Graft and Constructs for Bone Regeneration: A Literature Systematic Review. Materials (Basel) 2022, 15, 1120, doi:10.3390/ma15031120.
206. Passariello, C.; Sannino, G.; Petti, S.; Gigola, P. Intensity and Duration of In-Vitro Antibacterial Activity of Different Adhesives Used in Orthodontics. Eur J Oral Sci 2014, 122, 154–160, doi:10.1111/eos.12120.
207. Maspero, C.; Cappella, A.; Dolci, C.; Cagetti, M.G.; Inchingolo, F.; Sforza, C. Is Orthodontic Treatment with Microperforations Worth It? A Scoping Review. Children (Basel) 2022, 9, 208, doi:10.3390/children9020208.
208. Rapone, B.; Inchingolo, A.D.; Trasarti, S.; Ferrara, E.; Qorri, E.; Mancini, A.; Montemurro, N.; Scarano, A.; Inchingolo, A.M.; Dipalma, G.; et al. Long-Term Outcomes of Implants Placed in Maxillary Sinus Floor Augmentation with Porous Fluorohydroxyapatite (Algipore® FRIOS®) in Comparison with Anorganic Bovine Bone (Bio-Oss®) and Platelet Rich Plasma (PRP): A Retrospective Study. J Clin Med 2022, 11, 2491, doi:10.3390/jcm11092491.
209. Goldoni, R.; Scolaro, A.; Boccalari, E.; Dolci, C.; Scarano, A.; Inchingolo, F.; Ravazzani, P.; Muti, P.; Tartaglia, G. Malignancies and Biosensors: A Focus on Oral Cancer Detection through Salivary Biomarkers. Biosensors (Basel) 2021, 11, 396, doi:10.3390/bios11100396.
210. Laudadio, C.; Inchingolo, A.D.; Malcangi, G.; Limongelli, L.; Marinelli, G.; Coloccia, G.; Montenegro, V.; Patano, A.; Inchingolo, F.; Bordea, I.R.; et al. Management of Anterior Open-Bite in the Deciduous, Mixed and Permanent Dentition Stage: A Descriptive Review. J Biol Regul Homeost Agents 2021, 35, 271–281, doi:10.23812/21-2supp1-27.
211. Inchingolo, F.; Inchingolo, A.D.; Palumbo, I.; Guglielmo, M.; Balestriere, L.; Casamassima, L.; Ciccarese, D.; Marotti, P.; Mancini, A.; Palermo, A.; et al. Management of Physiological Gingival Melanosis by Diode Laser Depigmentation versus Surgical Scalpel: A Systematic Review. Dentistry Review 2024, 4, 100146, doi:10.1016/j.dentre.2024.100146.
212. Malcangi, G.; Patano, A.; Palmieri, G.; Di Pede, C.; Latini, G.; Inchingolo, A.D.; Hazballa, D.; de Ruvo, E.; Garofoli, G.; Inchingolo, F.; et al. Maxillary Sinus Augmentation Using Autologous Platelet Concentrates (Platelet-Rich Plasma, Platelet-Rich Fibrin, and Concentrated Growth Factor) Combined with Bone Graft: A Systematic Review. Cells 2023, 12, 1797, doi:10.3390/cells12131797.
213. Wieczorek, A.; Loster, J.; Loster, B.W. Relationship between Occlusal Force Distribution and the Activity of Masseter and Anterior Temporalis Muscles in Asymptomatic Young Adults. Biomed Res Int 2013, 2013, 354017, doi:10.1155/2013/354017.
214. Palermo, A.; Cesareo, R. Response to Letter to the Editor From Xu and Yang: "Laser Ablation Versus Radiofrequency Ablation for Thyroid Nodules: 12-Month Results of a Randomized Trial (LARA II Study)." J Clin Endocrinol Metab 2022, 107, e4328–e4329, doi:10.1210/clinem/dgac505.
215. Bambini, F.; Lo Muzio, L.; Procaccini, M. Retrospective Analysis of the Influence of Abutment Structure Design on the Success of Implant Unit. A 3-Year Controlled Follow-up Study. Clin Oral Implants Res 2001, 12, 319–324, doi:10.1034/j.1600-0501.2001.012004319.x.
216. Suvinen, T.I.; Kemppainen, P. Review of Clinical EMG Studies Related to Muscle and Occlusal Factors in Healthy and TMD Subjects. J Oral Rehabil 2007, 34, 631–644, doi:10.1111/j.1365-2842.2007.01769.x.
217. Pommer, B.; Valkova, V.; Ubaidha Maheen, C.; Fürhauser, L.; Rausch-Fan, X.; Seeman, R. Scientific Interests of 21st Century Clinical Oral Implant Research: Topical Trend Analysis. Clin Implant Dent Relat Res 2016, 18, 850–856, doi:10.1111/cid.12371.
218. Balzanelli, M.G.; Distratis, P.; Catucci, O.; Cefalo, A.; Lazzaro, R.; Inchingolo, F.; Tomassone, D.; Aityan, S.K.; Ballini, A.; Nguyen, K.C.D.; et al. Mesenchymal Stem Cells: The Secret Children's Weapons against the SARS-CoV-2 Lethal Infection. Applied Sciences 2021, 11, 1696, doi:10.3390/app11041696.
219. Casu, C.; Mosaico, G.; Natoli, V.; Scarano, A.; Lorusso, F.; Inchingolo, F. Microbiota of the Tongue and Systemic Connections: The Examination of the Tongue as an Integrated Approach in Oral Medicine. Hygiene 2021, 1, 56–68, doi:10.3390/hygiene1020006.
220. Cirulli, N.; Ballini, A.; Cantore, S.; Farronato, D.; Inchingolo, F.; Dipalma, G.; Gatto, M.R.; Alessandri Bonetti, G. MIXED DENTITION SPACE ANALYSIS OF A SOUTHERN ITALIAN POPULATION: NEW REGRESSION EQUATIONS FOR UNERUPTED TEETH. J Biol Regul Homeost Agents 2015, 29, 515–520.
221. Inchingolo, A.M.; Fatone, M.C.; Malcangi, G.; Avantario, P.; Piras, F.; Patano, A.; Di Pede, C.; Netti, A.; Ciocia, A.M.; De Ruvo, E.; et al. Modifiable Risk Factors of Non-Syndromic Orofacial Clefts: A Systematic Review. Children (Basel) 2022, 9, 1846, doi:10.3390/children9121846.
222. De Benedittis, M.; Petruzzi, M.; Pastore, L.; Inchingolo, F.; Serpico, R. Nd:YAG Laser for Gingivectomy in Sturge-Weber Syndrome. J Oral Maxillofac Surg 2007, 65, 314–316, doi:10.1016/j.joms.2006.05.011.
223. Montemurro, N.; Pierozzi, E.; Inchingolo, A.M.; Pahwa, B.; De Carlo, A.; Palermo, A.; Scarola, R.; Dipalma, G.; Corsalini, M.; Inchingolo, A.D.; et al. New Biograft Solution, Growth Factors and Bone Regenerative Approaches in Neurosurgery, Dentistry, and Orthopedics: A Review. Eur Rev Med Pharmacol Sci 2023, 27, 7653–7664, doi:10.26355/eurrev_202308_33419.
224. Contaldo, M.; Fusco, A.; Stiuso, P.; Lama, S.; Gravina, A.G.; Itro, A.; Federico, A.; Itro, A.; Dipalma, G.; Inchingolo, F.; et al. Oral Microbiota and Salivary Levels of Oral Pathogens in Gastro-Intestinal Diseases: Current Knowledge and Exploratory Study. Microorganisms 2021, 9, 1064, doi:10.3390/microorganisms9051064.
225. Malcangi, G.; Patano, A.; Palmieri, G.; Riccaldo, L.; Pezzolla, C.; Mancini, A.; Inchingolo, A.D.; Di Venere, D.; Piras, F.; Inchingolo, F.; et al. Oral Piercing: A Pretty Risk—A Scoping Review of Local and Systemic Complications of This Current Widespread Fashion. Int J Environ Res Public Health 2023, 20, 5744, doi:10.3390/ijerph20095744.
226. Inchingolo, A.D.; Carpentiere, V.; Piras, F.; Netti, A.; Ferrara, I.; Campanelli, M.; Latini, G.; Viapiano, F.; Costa, S.; Malcangi, G.; et al. Orthodontic Surgical Treatment of Impacted Mandibular Canines: Systematic Review and Case Report. Applied Sciences 2022, 12, 8008, doi:10.3390/app12168008.
227. Mancini, A.; Chirico, F.; Inchingolo, A.M.; Piras, F.; Colonna, V.; Marotti, P.; Carone, C.; Inchingolo, A.D.; Inchingolo, F.; Dipalma, G. Osteonecrosis of the Jaws Associated with Herpes Zoster Infection: A Systematic Review and a Rare Case Report. Microorganisms 2024, 12, 1506, doi:10.3390/microorganisms12081506.
228. Contaldo, M.; Itro, A.; Lajolo, C.; Gioco, G.; Inchingolo, F.; Serpico, R. Overview on Osteoporosis, Periodontitis and Oral Dysbiosis: The Emerging Role of Oral Microbiota. Applied Sciences 2020, 10, 6000, doi:10.3390/app10176000.
229. Ephros, H.; Kim, S.; DeFalco, R. Peri-Implantitis: Evaluation and Management. Dent Clin North Am 2020, 64, 305–313, doi:10.1016/j.cden.2019.11.002.
230. Inchingolo, F.; Cantore, S.; Dipalma, G.; Georgakopoulos, I.; Almasri, M.; Gheno, E.; Motta, A.; Marrelli, M.; Farronato, D.; Ballini, A.; et al. Platelet Rich Fibrin in the Management

of Medication-Related Osteonecrosis of the Jaw: A Clinical and Histopathological Evaluation. J Biol Regul Homeost Agents 2017, 31, 811–816.
231. Zwittnig, K.; Mukaddam, K.; Vegh, D.; Herber, V.; Jakse, N.; Schlenke, P.; Zrnc, T.A.; Payer, M. Platelet-Rich Fibrin in Oral Surgery and Implantology: A Narrative Review. Transfus Med Hemother 2023, 50, 348–359, doi:10.1159/000527526.
232. Inchingolo, A.M.; Malcangi, G.; Inchingolo, A.D.; Mancini, A.; Palmieri, G.; Di Pede, C.; Piras, F.; Inchingolo, F.; Dipalma, G.; Patano, A. Potential of Graphene-Functionalized Titanium Surfaces for Dental Implantology: Systematic Review. Coatings 2023, 13, 725, doi:10.3390/coatings13040725.
233. Hosseini Hooshiar, M.; Mozaffari, A.; Hamed Ahmed, M.; Abdul Kareem, R.; Jaber Zrzo, A.; Salah Mansoor, A.; H Athab, Z.; Parhizgar, Z.; Amini, P. Potential Role of Metal Nanoparticles in Treatment of Peri-Implant Mucositis and Peri-Implantitis. Biomed Eng Online 2024, 23, 101, doi:10.1186/s12938-024-01294-0.
234. Malcangi, G.; Patano, A.; Guglielmo, M.; Sardano, R.; Palmieri, G.; Di Pede, C.; de Ruvo, E.; Inchingolo, A.D.; Mancini, A.; Inchingolo, F.; et al. Precision Medicine in Oral Health and Diseases: A Systematic Review. J Pers Med 2023, 13, 725, doi:10.3390/jpm13050725.
235. Ugolini, D.; Neri, M.; Cesario, A.; Bonassi, S.; Milazzo, D.; Bennati, L.; Lapenna, L.M.; Pasqualetti, P. Scientific Production in Cancer Rehabilitation Grows Higher: A Bibliometric Analysis. Support Care Cancer 2012, 20, 1629–1638, doi:10.1007/s00520-011-1253-2.
236. Gargouri, Y.; Hajjem, C.; Larivière, V.; Gingras, Y.; Carr, L.; Brody, T.; Harnad, S. Self-Selected or Mandated, Open Access Increases Citation Impact for Higher Quality Research. PLoS One 2010, 5, e13636, doi:10.1371/journal.pone.0013636.
237. Rocha, C.A.; Cestari, T.M.; Vidotti, H.A.; de Assis, G.F.; Garlet, G.P.; Taga, R. Sintered Anorganic Bone Graft Increases Autocrine Expression of VEGF, MMP-2 and MMP-9 during Repair of Critical-Size Bone Defects. J Mol Histol 2014, 45, 447–461, doi:10.1007/s10735-014-9565-4.
238. Siddiqi, A.; Kieser, J.A.; De Silva, R.K.; Thomson, W.M.; Duncan, W.J. Soft and Hard Tissue Response to Zirconia versus Titanium One-Piece Implants Placed in Alveolar and Palatal Sites: A Randomized Control Trial. Clin Implant Dent Relat Res 2015, 17, 483–496, doi:10.1111/cid.12159.
239. van Eck, N.J.; Waltman, L. Software Survey: VOSviewer, a Computer Program for Bibliometric Mapping. Scientometrics 2010, 84, 523–538, doi:10.1007/s11192-009-0146-3.
240. O'Brien, B.C.; Harris, I.B.; Beckman, T.J.; Reed, D.A.; Cook, D.A. Standards for Reporting Qualitative Research: A Synthesis of Recommendations. Acad Med 2014, 89, 1245–1251, doi:10.1097/ACM.0000000000000388.
241. Loukota, R.A.; Eckelt, U.; De Bont, L.; Rasse, M. Subclassification of Fractures of the Condylar Process of the Mandible. Br J Oral Maxillofac Surg 2005, 43, 72–73, doi:10.1016/j.bjoms.2004.08.018.
242. Giannetti, L.; Bambini, F.; Consolo, U. (Teeth and oral mucosa in neurocutaneous syndromes, metabolic diseases and in diseases with defects of DNA repair). Minerva Stomatol 2003, 52, 175–180.
243. Feijoo, J.F.; Limeres, J.; Fernández-Varela, M.; Ramos, I.; Diz, P. The 100 Most Cited Articles in Dentistry. Clin Oral Investig 2014, 18, 699–706, doi:10.1007/s00784-013-1017-0.
244. Muschler, G.F.; Raut, V.P.; Patterson, T.E.; Wenke, J.C.; Hollinger, J.O. The Design and Use of Animal Models for Translational Research in Bone Tissue Engineering and Regenerative Medicine. Tissue Eng Part B Rev 2010, 16, 123–145, doi:10.1089/ten.TEB.2009.0658.
245. Inchingolo, F.; Santacroce, L.; Cantore, S.; Ballini, A.; Del Prete, R.; Topi, S.; Saini, R.; Dipalma, G.; Arrigoni, R. Probiotics and EpiCor® in Human Health. J Biol Regul Homeost Agents 2019, 33, 1973–1979, doi:10.23812/19-543-L.
246. Inchingolo, A.D.; Ferrara, I.; Viapiano, F.; Netti, A.; Campanelli, M.; Buongiorno, S.; Latini, G.; Carpentiere, V.; Ciocia, A.M.; Ceci, S.; et al. Rapid Maxillary Expansion on the Adolescent Patient: Systematic Review and Case Report. Children (Basel) 2022, 9, 1046, doi:10.3390/children9071046.
247. Bianco, L.L.; Montevecchi, M.; Ostanello, M.; Checchi, V. Recognition and Treatment of Peri-Implant Mucositis: Do We Have the Right Perception? A Structured Review. Dent Med Probl 2021, 58, 545–554, doi:10.17219/dmp/136359.
248. Scarano, A.; Inchingolo, F.; Rapone, B.; Lucchina, A.G.; Qorri, E.; Lorusso, F. Role of Autologous Platelet Gel (APG) in Bone Healing: A Rabbit Study. Applied Sciences 2021, 11, 395, doi:10.3390/app11010395.
249. Balzanelli, M.G.; Distratis, P.; Dipalma, G.; Vimercati, L.; Inchingolo, A.D.; Lazzaro, R.; Aityan, S.K.; Maggiore, M.E.; Mancini, A.; Laforgia, R.; et al. Sars-CoV-2 Virus Infection May Interfere CD34+ Hematopoietic Stem Cells and Megakaryocyte-Erythroid Progenitors Differentiation Contributing to Platelet Defection towards Insurgence of Thrombocytopenia and Thrombophilia. Microorganisms 2021, 9, 1632, doi:10.3390/microorganisms9081632.
250. Inchingolo, A.D.; Inchingolo, A.M.; Bordea, I.R.; Malcangi, G.; Xhajanka, E.; Scarano, A.; Lorusso, F.; Farronato, M.; Tartaglia, G.M.; Isacco, C.G.; et al. SARS-CoV-2 Disease through Viral Genomic and Receptor Implications: An Overview of Diagnostic and Immunology Breakthroughs. Microorganisms 2021, 9, 793, doi:10.3390/microorganisms9040793.
251. Scarano, A.; Noumbissi, S.; Gupta, S.; Inchingolo, F.; Stilla, P.; Lorusso, F. Scanning Electron Microscopy Analysis and Energy Dispersion X-Ray Microanalysis to Evaluate the Effects of Decontamination Chemicals and Heat Sterilization on Implant Surgical Drills: Zirconia vs. Steel. Applied Sciences 2019, 9, 2837, doi:10.3390/app9142837.
252. Lorusso, F.; Inchingolo, F.; Scarano, A. Scientific Production in Dentistry: The National Panorama through a Bibliometric Study of Italian Academies. Biomed Res Int 2020, 2020, 3468303, doi:10.1155/2020/3468303.
253. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Marrelli, M.; Inchingolo, A.D.; Villabruna, B.; Inchingolo, A.M.; Dipalma, G. Severe Anisocoria after Oral Surgery under General Anesthesia. Int J Med Sci 2010, 7, 314–318, doi:10.7150/ijms.7.314.
254. Contaldo, M.; Boccellino, M.; Zannini, G.; Romano, A.; Sciarra, A.; Sacco, A.; Settembre, G.; Coppola, M.; Di Carlo, A.; D'Angelo, L.; et al. Sex Hormones and Inflammation Role in Oral Cancer Progression: A Molecular and Biological Point of View. J Oncol 2020, 2020, 9587971, doi:10.1155/2020/9587971.
255. Sáenz-Ravello, G.; Ossandón-Zúñiga, B.; Muñoz-Meza, V.; Mora-Ferraro, D.; Baeza, M.; Fan, S.; Sagheb, K.; Schiegnitz, E.; Díaz, L. Short Implants Compared to Regular Dental Implants after Bone Augmentation in the Atrophic Posterior Mandible: Umbrella Review and Meta-Analysis of Success Outcomes. Int J Implant Dent 2023, 9, 18, doi:10.1186/s40729-023-00476-0.
256. Minetti, E.; Palermo, A.; Savadori, P.; Patano, A.; Inchingolo, A.D.; Rapone, B.; Malcangi, G.; Inchingolo, F.; Dipalma, G.; Tartaglia, F.C.; et al. Socket Preservation Using Dentin Mixed with Xenograft Materials: A Pilot Study. Materials (Basel) 2023, 16, 4945, doi:10.3390/ma16144945.
257. Inchingolo, A.M.; Inchingolo, A.D.; Nardelli, P.; Latini, G.; Trilli, I.; Ferrante, L.; Malcangi, G.; Palermo, A.; Inchingolo, F.; Dipalma, G. Stem Cells: Present Understanding and Prospects for Regenerative Dentistry. J Funct Biomater 2024, 15, 308, doi:10.3390/jfb15100308.
258. Ballini, A.; Di Benedetto, A.; De Vito, D.; Scarano, A.; Scacco, S.; Perillo, L.; Posa, F.; Dipalma, G.; Paduano, F.; Contaldo, M.; et al. Stemness Genes Expression in Naïve vs. Osteodifferentiated Human Dental-Derived Stem Cells. Eur Rev Med Pharmacol Sci 2019, 23, 2916–2923, doi:10.26355/eurrev_201904_17570.
259. Inchingolo, A.M.; Malcangi, G.; Ferrante, L.; Del Vecchio, G.; Viapiano, F.; Inchingolo, A.D.; Mancini, A.; Annicchiarico, C.; Inchingolo, F.; Dipalma, G.; et al. Surface Coatings of Dental Implants: A Review. J Funct Biomater 2023, 14, 287, doi:10.3390/jfb14050287.

260. Safaei, M.; Mohammadi, H.; Beddu, S.; Mozaffari, H.R.; Rezaei, R.; Sharifi, R.; Moradpoor, H.; Fallahnia, N.; Ebadi, M.; Md Jamil, M.S.; et al. Surface Topography Steer Soft Tissue Response and Antibacterial Function at the Transmucosal Region of Titanium Implant. Int J Nanomedicine 2024, 19, 4835–4856, doi:10.2147/IJN.S461549.
261. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Marrelli, M.; Inchingolo, A.D.; Corelli, R.; Inchingolo, A.M.; Dipalma, G. Surgical Treatment of Depressed Scar: A Simple Technique. Int J Med Sci 2011, 8, 377–379, doi:10.7150/ijms.8.377.
262. Mancini, A.; Oliva, A.; Vergani, E.; Festa, R.; Silvestrini, A. The Dual Role of Oxidants in Male (In)Fertility: Every ROSe Has a Thorn. Int J Mol Sci 2023, 24, 4994, doi:10.3390/ijms24054994.
263. Jayaratne, Y.S.N.; Zwahlen, R.A. The Evolution of Dental Journals from 2003 to 2012: A Bibliometric Analysis. PLoS One 2015, 10, e0119503, doi:10.1371/journal.pone.0119503.
264. Ferrario, V.F.; Tartaglia, G.M.; Galletta, A.; Grassi, G.P.; Sforza, C. The Influence of Occlusion on Jaw and Neck Muscle Activity: A Surface EMG Study in Healthy Young Adults. J Oral Rehabil 2006, 33, 341–348, doi:10.1111/j.1365-2842.2005.01558.x.
265. Ibrahim, G.M.; Snead, O.C.; Rutka, J.T.; Lozano, A.M. The Most Cited Works in Epilepsy: Trends in the "Citation Classics." Epilepsia 2012, 53, 765–770, doi:10.1111/j.1528-1167.2012.03455.x.
266. Liberati, A.; Altman, D.G.; Tetzlaff, J.; Mulrow, C.; Gøtzsche, P.C.; Ioannidis, J.P.A.; Clarke, M.; Devereaux, P.J.; Kleijnen, J.; Moher, D. The PRISMA Statement for Reporting Systematic Reviews and Meta-Analyses of Studies That Evaluate Health Care Interventions: Explanation and Elaboration. PLoS Med 2009, 6, e1000100, doi:10.1371/journal.pmed.1000100.
267. Lorusso, F.; Inchingolo, F.; Dipalma, G.; Postiglione, F.; Fulle, S.; Scarano, A. Synthetic Scaffold/Dental Pulp Stem Cell (DPSC) Tissue Engineering Constructs for Bone Defect Treatment: An Animal Studies Literature Review. Int J Mol Sci 2020, 21, 9765, doi:10.3390/ijms21249765.
268. Hong, C.H.L.; Gueiros, L.A.; Fulton, J.S.; Cheng, K.K.F.; Kandwal, A.; Galiti, D.; Fall-Dickson, J.M.; Johansen, J.; Ameringer, S.; Kataoka, T.; et al. Systematic Review of Basic Oral Care for the Management of Oral Mucositis in Cancer Patients and Clinical Practice Guidelines. Support Care Cancer 2019, 27, 3949–3967, doi:10.1007/s00520-019-04848-4.
269. Inchingolo, A.D.; Dipalma, G.; Inchingolo, A.M.; Malcangi, G.; Santacroce, L.; D'Oria, M.T.; Isacco, C.G.; Bordea, I.R.; Candrea, S.; Scarano, A.; et al. The 15-Months Clinical Experience of SARS-CoV-2: A Literature Review of Therapies and Adjuvants. Antioxidants (Basel) 2021, 10, 881, doi:10.3390/antiox10060881.
270. Inchingolo, F.; Inchingolo, A.M.; Malcangi, G.; De Leonardis, N.; Sardano, R.; Pezzolla, C.; de Ruvo, E.; Di Venere, D.; Palermo, A.; Inchingolo, A.D.; et al. The Benefits of Probiotics on Oral Health: Systematic Review of the Literature. Pharmaceuticals 2023, 16, doi:10.3390/ph16091313.
271. Schiavon, L.; Perini, A.; Brunello, G.; Ferrante, G.; Del Fabbro, M.; Botticelli, D.; Khoury, F.; Sivolella, S. The Bone Lid Technique in Lateral Sinus Lift: A Systematic Review and Meta-Analysis. Int J Implant Dent 2022, 8, 33, doi:10.1186/s40729-022-00433-3.
272. Corriero, A.; Gadaleta, R.M.; Puntillo, F.; Inchingolo, F.; Moschetta, A.; Brienza, N. The Central Role of the Gut in Intensive Care. Crit Care 2022, 26, 379, doi:10.1186/s13054-022-04259-8.
273. Dipalma, G.; Inchingolo, A.D.; Memè, L.; Casamassima, L.; Carone, C.; Malcangi, G.; Inchingolo, F.; Palermo, A.; Inchingolo, A.M. The Diagnosis and Management of Infraoccluded Deciduous Molars: A Systematic Review. Children (Basel) 2024, 11, 1375, doi:10.3390/children11111375.
274. Phan, D.Q.; Nguyen, L.D.N.; Pham, S.T.; Nguyen, T.; Pham, P.T.T.; Nguyen, S.T.H.; Pham, D.T.; Pham, H.T.; Tran, D.K.; Le, S.H.; et al. The Distribution of Dengue Virus Serotype in Quang Nam Province (Vietnam) during the Outbreak in 2018. Int J Environ Res Public Health 2022, 19, 1285, doi:10.3390/ijerph19031285.
275. Dipalma, G.; Inchingolo, A.M.; Latini, G.; Ferrante, L.; Nardelli, P.; Malcangi, G.; Trilli, I.; Inchingolo, F.; Palermo, A.; Inchingolo, A.D. The Effectiveness of Curcumin in Treating Oral Mucositis Related to Radiation and Chemotherapy: A Systematic Review. Antioxidants (Basel) 2024, 13, 1160, doi:10.3390/antiox13101160.
276. Hazballa, D.; Inchingolo, A.D.; Inchingolo, A.M.; Malcangi, G.; Santacroce, L.; Minetti, E.; Di Venere, D.; Limongelli, L.; Bordea, I.R.; Scarano, A.; et al. The Effectiveness of Autologous Demineralized Tooth Graft for the Bone Ridge Preservation: A Systematic Review of the Literature. J Biol Regul Homeost Agents 2021, 35, 283–294, doi:10.23812/21-2supp1-28.
277. Inchingolo, A.D.; Inchingolo, A.M.; Bordea, I.R.; Xhajanka, E.; Romeo, D.M.; Romeo, M.; Zappone, C.M.F.; Malcangi, G.; Scarano, A.; Lorusso, F.; et al. The Effectiveness of Osseodensification Drilling Protocol for Implant Site Osteotomy: A Systematic Review of the Literature and Meta-Analysis. Materials (Basel) 2021, 14, 1147, doi:10.3390/ma14051147.
278. Scarano, A.; Lorusso, F.; Inchingolo, F.; Postiglione, F.; Petrini, M. The Effects of Erbium-Doped Yttrium Aluminum Garnet Laser (Er: YAG) Irradiation on Sandblasted and Acid-Etched (SLA) Titanium, an In Vitro Study. Materials 2020, 13, 4174, doi:10.3390/ma13184174.
279. Inchingolo, A.D.; Patano, A.; Coloccia, G.; Ceci, S.; Inchingolo, A.M.; Marinelli, G.; Malcangi, G.; Montenegro, V.; Laudadio, C.; Pede, C.D.; et al. The Efficacy of a New AMCOP® Elastodontic Protocol for Orthodontic Interceptive Treatment: A Case Series and Literature Overview. Int J Environ Res Public Health 2022, 19, 988, doi:10.3390/ijerph19020988.
280. Lorusso, F.; Inchingolo, F.; Scarano, A. The Impact of COVID-19 on the Scientific Production Spread: A Five-Month Bibliometric Report of the Worldwide Research Community. 2020, doi:10.19193/0393-6384_2020_6_515.
281. Rapone, B.; Ferrara, E.; Qorri, E.; Dipalma, G.; Mancini, A.; Corsalini, M.; Fabbro, M.D.; Scarano, A.; Tartaglia, G.M.; Inchingolo, F. The Impact of Periodontal Inflammation on Endothelial Function Assessed by Circulating Levels of Asymmetric Dimethylarginine: A Single-Blinded Randomized Clinical Trial. J Clin Med 2022, 11, 4173, doi:10.3390/jcm11144173.
282. Inchingolo, A.D.; Cazzolla, A.P.; Di Cosola, M.; Greco Lucchina, A.; Santacroce, L.; Charitos, I.A.; Topi, S.; Malcangi, G.; Hazballa, D.; Scarano, A.; et al. The Integumentary System and Its Microbiota between Health and Disease. J Biol Regul Homeost Agents 2021, 35, 303–321, doi:10.23812/21-2supp1-30.
283. Santacroce, L.; Sardaro, N.; Topi, S.; Pettini, F.; Bottalico, L.; Cantore, S.; Cascella, G.; Del Prete, R.; Dipalma, G.; Inchingolo, F. The Pivotal Role of Oral Microbiota in Health and Disease. J Biol Regul Homeost Agents 2020, 34, 733–737, doi:10.23812/20-127-L-45.
284. Inchingolo, F.; Inchingolo, A.D.; Latini, G.; Trilli, I.; Ferrante, L.; Nardelli, P.; Malcangi, G.; Inchingolo, A.M.; Mancini, A.; Palermo, A.; et al. The Role of Curcumin in Oral Health and Diseases: A Systematic Review. Antioxidants (Basel) 2024, 13, 660, doi:10.3390/antiox13060660.
285. Balmer, M.; Spies, B.C.; Kohal, R.-J.; Hämmerle, C.H.-F.; Vach, K.; Jung, R.E. Zirconia Implants Restored with Single Crowns or Fixed Dental Prostheses: 5-Year Results of a Prospective Cohort Investigation. Clin Oral Implants Res 2020, 31, 452–462, doi:10.1111/clr.13581.
286. Mancini, A.; Di Segni, C.; Raimondo, S.; Olivieri, G.; Silvestrini, A.; Meucci, E.; Currò, D. Thyroid Hormones, Oxidative Stress, and Inflammation. Mediators Inflamm 2016, 2016, 6757154, doi:10.1155/2016/6757154.
287. Rodrigues, D.C.; Valderrama, P.; Wilson, T.G.; Palmer, K.; Thomas, A.; Sridhar, S.; Adapalli, A.; Burbano, M.; Wadhwani, C. Titanium Corrosion Mechanisms in the Oral Environment: A Retrieval Study. Materials (Basel) 2013, 6, 5258–5274, doi:10.3390/ma6115258.
288. Park, K.M.; Park, B.S.; Park, S.; Yoon, D.Y.; Bae, J.S. Top-100 Cited Articles on Headache Disorders: A Bibliometric

Analysis. Clin Neurol Neurosurg 2017, 157, 40–45, doi:10.1016/j.clineuro.2017.03.022.
289. Ellis, E.; Throckmorton, G.S. Treatment of Mandibular Condylar Process Fractures: Biological Considerations. J Oral Maxillofac Surg 2005, 63, 115–134, doi:10.1016/j.joms.2004.02.019.
290. Laforgia, A.; Inchingolo, A.D.; Piras, F.; Colonna, V.; Giorgio, R.V.; Carone, C.; Rapone, B.; Malcangi, G.; Inchingolo, A.M.; Inchingolo, F.; et al. Therapeutic Strategies and Genetic Implications for Periodontal Disease Management: A Systematic Review. Int J Mol Sci 2024, 25, 7217, doi:10.3390/ijms25137217.
291. Contaldo, M.; De Rosa, A.; Nucci, L.; Ballini, A.; Malacrinò, D.; La Noce, M.; Inchingolo, F.; Xhajanka, E.; Ferati, K.; Bexheti-Ferati, A.; et al. Titanium Functionalized with Polylysine Homopolymers: In Vitro Enhancement of Cells Growth. Materials (Basel) 2021, 14, 3735, doi:10.3390/ma14133735.
292. Inchingolo, A.M.; Malcangi, G.; Costa, S.; Fatone, M.C.; Avantario, P.; Campanelli, M.; Piras, F.; Patano, A.; Ferrara, I.; Di Pede, C.; et al. Tooth Complications after Orthodontic Miniscrews Insertion. Int J Environ Res Public Health 2023, 20, 1562, doi:10.3390/ijerph20021562.
293. Inchingolo, A.D.; Patano, A.; Coloccia, G.; Ceci, S.; Inchingolo, A.M.; Marinelli, G.; Malcangi, G.; Di Pede, C.; Garibaldi, M.; Ciocia, A.M.; et al. Treatment of Class III Malocclusion and Anterior Crossbite with Aligners: A Case Report. Medicina (Kaunas) 2022, 58, 603, doi:10.3390/medicina58050603.
294. Inchingolo, F.; Tatullo, M.; Abenavoli, F.M.; Marrelli, M.; Inchingolo, A.D.; Corelli, R.; Inchingolo, A.M.; Dipalma, G. Upper Eyelid Reconstruction: A Short Report of an Eyelid Defect Following a Thermal Burn. Head Face Med 2009, 5, 26, doi:10.1186/1746-160X-5-26.
295. Inchingolo, F.; Tatullo, M.; Pacifici, A.; Gargari, M.; Inchingolo, A.D.; Inchingolo, A.M.; Dipalma, G.; Marrelli, M.; Abenavoli, F.M.; Pacifici, L. Use of Dermal-Fat Grafts in the Post-Oncological Reconstructive Surgery of Atrophies in the Zygomatic Region: Clinical Evaluations in the Patients Undergone to Previous Radiation Therapy. Head Face Med 2012, 8, 33, doi:10.1186/1746-160X-8-33.
296. Inchingolo, F.; Ballini, A.; Mura, S.; Farronato, D.; Cirulli, N.; Pettini, F.; Gheno, E.; Vermesan, D.; Pederzoli, P.; Resta, G.; et al. Use of Platelet Rich Fibrin and Bio-OSS/SINT-Oss for Implant-Prosthetic Rehabilitation in Maxillary Atrophy with Sinus Pathology: A 48-Month Follow-Up. Eur J Inflamm 2015, 13, 58–65, doi:10.1177/1721727X15578346.
297. Deluiz, D.; Delcroix, G.J.-R.; Fraga, S.R.G.; D'Ippolito, G.; Grau-Monge, C.; Bonnin-Marquez, A.; Reiner, T.; Amadeu, T.; Tinoco, E.M.B.; Schiller, P.C. Viable Cryopreserved Human Bone Graft Exhibit Superior Osteogenic Properties in Mandibular Lateral Augmentation. Sci Rep 2023, 13, 1422, doi:10.1038/s41598-023-28170-6.
298. Charitos, I.A.; Del Prete, R.; Inchingolo, F.; Mosca, A.; Carretta, D.; Ballini, A.; Santacroce, L. What We Have Learned for the Future about COVID-19 and Healthcare Management of It? Acta Biomed 2020, 91, e2020126, doi:10.23750/abm.v91i4.10253.
299. Marinelli, G.; Inchingolo, A.D.; Inchingolo, A.M.; Malcangi, G.; Limongelli, L.; Montenegro, V.; Coloccia, G.; Laudadio, C.; Patano, A.; Inchingolo, F.; et al. White Spot Lesions in Orthodontics: Prevention and Treatment. A Descriptive Review. J Biol Regul Homeost Agents 2021, 35, 227–240, doi:10.23812/21-2supp1-24.
300. Esposito, M.; Grusovin, M.G.; Chew, Y.S.; Coulthard, P.; Worthington, H.V. WITHDRAWN: Interventions for Replacing Missing Teeth: 1- versus 2-Stage Implant Placement. Cochrane Database Syst Rev 2018, 5, CD006698, doi:10.1002/14651858.CD006698.pub3.
301. Cionca, N.; Müller, N.; Mombelli, A. Two-Piece Zirconia Implants Supporting All-Ceramic Crowns: A Prospective Clinical Study. Clin Oral Implants Res 2015, 26, 413–418, doi:10.1111/clr.12370.
302. Koller, M.; Steyer, E.; Theisen, K.; Stagnell, S.; Jakse, N.; Payer, M. Two-Piece Zirconia versus Titanium Implants after 80 Months: Clinical Outcomes from a Prospective Randomized Pilot Trial. Clin Oral Implants Res 2020, 31, 388–396, doi:10.1111/clr.13576.
303. Borgonovo, A.-E.; Fabbri, A.; Vavassori, V.; Censi, R.; Maiorana, C. Multiple Teeth Replacement with Endosseous One-Piece Yttrium-Stabilized Zirconia Dental Implants. Med Oral Patol Oral Cir Bucal 2012, 17, e981-987, doi:10.4317/medoral.18194.
304. Bambini, F.; Santarelli, A.; Putignano, A.; Procaccini, M.; Orsini, G.; Memè, L.; Sartini, D.; Emanuelli, M.; Lo Muzio, L. Use of Supercharged Cover Screw as Static Magnetic Field Generator for Bone Healing, 1st Part: In Vitro Enhancement of Osteoblast-like Cell Differentiation. J Biol Regul Homeost Agents 2017, 31, 215–220.
305. Bambini, F.; Santarelli, A.; Putignano, A.; Procaccini, M.; Orsini, G.; Di Iorio, D.; Memè, L.; Sartini, D.; Emanuelli, M.; Lo Muzio, L. Use of Supercharged Cover Screw as Static Magnetic Field Generator for Bone Healing, 2nd Part: In Vivo Enhancement of Bone Regeneration in Rabbits. J Biol Regul Homeost Agents 2017, 31, 481–485.
306. Guyatt, G.H.; Sackett, D.L.; Sinclair, J.C.; Hayward, R.; Cook, D.J.; Cook, R.J. Users' Guides to the Medical Literature. IX. A Method for Grading Health Care Recommendations. Evidence-Based Medicine Working Group. JAMA 1995, 274, 1800–1804, doi:10.1001/jama.274.22.1800.
307. Felice, P.; Marchetti, C.; Iezzi, G.; Piattelli, A.; Worthington, H.; Pellegrino, G.; Esposito, M. Vertical Ridge Augmentation of the Atrophic Posterior Mandible with Interpositional Bloc Grafts: Bone from the Iliac Crest vs. Bovine Anorganic Bone. Clinical and Histological Results up to One Year after Loading from a Randomized-Controlled Clinical Trial. Clin Oral Implants Res 2009, 20, 1386–1393, doi:10.1111/j.1600-0501.2009.01765.x.
308. Palermo, A.; Tuccinardi, D.; D'Onofrio, L.; Watanabe, M.; Maggi, D.; Maurizi, A.R.; Greto, V.; Buzzetti, R.; Napoli, N.; Pozzilli, P.; et al. Vitamin K and Osteoporosis: Myth or Reality? Metabolism 2017, 70, 57–71, doi:10.1016/j.metabol.2017.01.032.
309. Balmer, M.; Spies, B.C.; Vach, K.; Kohal, R.-J.; Hämmerle, C.H.F.; Jung, R.E. Three-Year Analysis of Zirconia Implants Used for Single-Tooth Replacement and Three-Unit Fixed Dental Prostheses: A Prospective Multicenter Study. Clin Oral Implants Res 2018, 29, 290–299, doi:10.1111/clr.13115.
310. Osman, R.B.; Payne, A.G.T.; Duncan, W.; Ma, S. Zirconia Implants Supporting Overdentures: A Pilot Study with Novel Prosthodontic Designs. Int J Prosthodont 2013, 26, 277–281, doi:10.11607/ijp.2903.
311. Hanawa, T. Zirconia versus Titanium in Dentistry: A Review. Dent Mater J 2020, 39, 24–36, doi:10.4012/dmj.2019-172.
312. Ambu E, Caruso S, Gatto R, Tecco S, Severino M. Regenerative endodontics procedure of an immature permanent mandibular molar with a necrotic pulp using biodentine: a 16 months radiographic follow-up. J Biol Regul Homeost Agents. 2020 Jan-Feb;34(1 Suppl. 1):33-37. DENTAL SUPPLEMENT. PMID: 32064833.
313. Barlattani A Jr, Martelli M, Ceruso FM, Gargari M, Ottria L. Convergent implant transmucosal collar and healing abutment: aesthetics influence on soft tissues. A clinical study. J Biol Regul Homeost Agents. 2020 Jan-Feb;34(1 Suppl. 1):63-69. DENTAL SUPPLEMENT. PMID: 32064837.
314. A. Barlattani JR, R. Franco, M. Martelli, F. Gianfreda, R. Ferro, M. Basili, P. Bollero, Guided Bone Regeneration in Patients Taking Biphosphonates: Two Cases Series, Oral and Implantology, (Rome) 2019;12:194-204.
315. A. Barlattani JR, R. Franco, M. Martelli, F. Gianfreda, R. Ferro, M. Basili, P. Bollero, Guided Bone Regeneration in Patients Taking Biphosphonates: Two Cases Series, Oral and Implantology, (Rome) 2019;12:194-204.
316. DENTAL SUPPLEMENT; Barlattani A Jr, Martelli M, Gargari M, Ottria L. Articular disc of temporomandibular joint: an anatomical and histological study. Functional considerations. J Biol Regul Homeost Agents. 2019 Nov-Dec;33(6 Suppl. 2):199-208. PMID: 32338474.
317. Cappare P, Ferrini F, Mariani G, Nagni M, Cattoni F. Implant rehabilitation of edentulous jaws with predominantly monolithic zirconia compared to metal-acrylic prostheses: a 2-year retrospective clinical study. J Biol Regul Homeost Agents. 2021 Jul-Aug;35(4 Suppl. 1):99-112. doi: 10.23812/21-4supp1-9. PMID: 34425665.