Gastroesophageal reflux and oral health implications: an in-depth narrative review

Lucia Memè[1]*
Fabrizio Bambini[1]*
Roberto Vito Giorgio[2]*
Benito Francesco Pio Pennacchio[2]*
Francesco Sabatelli[2]
Ioana Roxana Bordea[3]*
Erda Qorri[4]
Gustavo Vincentis Oliveira Fernandes[5]
Lwai Almasri[6]
Marwa Alkassab[7]
Maher Almasri[7]
Giuseppe Ferraro[9]
Maria Contaldo[10]
Andrea Palermo[8]

[1] D.I.S.C.O. School of Dentistry, Polytechnic University of Marche, Ancona, Italy.
[2] Department of Interdisciplinary Medicine, University of Bari "Aldo Moro" Bari, Italy.
[3] Department of Oral Rehabilitation, Faculty of Dentistry, Iuliu Haţieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania.
[4] Department of Dentistry, Faculty of Medical Sciences, Albanian University, Tirana, Albania.
[5] Missouri School of Dentistry & Oral Health, A. T. Still University, St. Louis, MO, United States
[6] King's College London, U.K.
[7] The University of Buckingham, U.K.
[9] Department of Medicine and Health Sciences "Vincenzo Tiberio" Molise, Italy
[10] Multidisciplinary Department of Medical-Surgical and Dental Specialties, University of Campania Luigi Vanvitelli, Naples, Italy
[8] University of Salento, Lecce, Italy

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

*These authors contributed equally as first authors.
**These authors contributed equally as the last authors

Abstract

Gastroesophageal reflux disease can lead to severe conditions like esophageal cancer and Barrett's esophagus and significantly impacts oral health. This review explores the relationship between gastroesophageal reflux and oral health issues, particularly gingivitis, and discusses management strategies.
The pathophysiology of gastroesophageal reflux involves malfunctioning the esophageal sphincter, allowing stomach acid to damage the mucosa. Factors like diet, obesity, and lifestyle choices increase the risk of gastroesophageal reflux, which causes tooth erosion and leads to xerostomia, oral mucosal changes, halitosis, dysgeusia, and gingivitis.
Gingivitis in patients with gastroesophageal reflux is worsened by GA irritation, reduced salivary flow, and increased systemic inflammation. Diagnosis requires clinical examination and may involve gastroenterologists. Management includes lifestyle changes, medical interventions like proton pump inhibitors, and dental treatments such as fluoride applications, sealants, and restorations.
Future research should focus on longitudinal studies to establish causality between gastroesophageal reflux and oral diseases and explore new therapeutic approaches. Interdisciplinary collaboration and innovative treatment strategies are essential for holistic patient care and improved oral health outcomes in patients with gastroesophageal reflux.

Authors

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

Roberto Vito Giorgio - Benito Francesco Pio Pennacchio - Francesco Sabatelli - Department of Interdisciplinary Medicine, University of Bari "Aldo Moro" Bari, Italy

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

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

Gustavo Vincentis Oliveira Fernandes - Missouri School of Dentistry & Oral Health, A. T. Still University, St. Louis, MO, United States

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

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

Giuseppe Ferraro - Department of Medicine and Health Sciences "Vincenzo Tiberio" Molise, Italy

Maria Contaldo - Multidisciplinary Department of Medical-Surgical and Dental Specialties, University of Campania Luigi Vanvitelli, Naples, Italy

Andrea Palermo - University of Salento, Lecce, Italy

How to Cite
L. Memè, F. Bambini, R.V. Giorgio, B.F.P. Pennacchio, F. Sabatelli, I.R. Bordea, E. Qorri, G.V.O. Ferdandes, L. Almasri, M. Alkassab, G. Ferraro , M. Contaldo, A. Palermo.
Gastroesophageal reflux and oral health implications: an in-depth narrative review.
Oral and Implantology
Vol. 16 No. 3 (S1) (2024), 337-351.
https://doi.org710.11138/oi.v16i3 (S1).83

Keywords: Gastroesophageal reflux, Oral health, Gingivitis, Dental proceduress

Introduction

The gastroesophageal reflux (GER) disease is characterized by the unintentional reflux of stomach contents into the esophagus (1–7). Frequent and persistent occurrences of this phenomenon can result in a range of symptoms and consequences, from heartburn to gastro-oesophageal reflux disease (GERD), which can cause severe oesophageal disorders, including oesophageal cancer or Barrett's esophagus (8–15). Besides its established impacts on the esophagus, GER has significant dental health consequences (16–22). This narrative review examines the connections between GER and oral health, focusing on gingivitis in particular, and offers a summary of the management options and clinical implications (23–29). The GERD happens when the lower oesophageal sphincter (cardias) is ineffective, allowing the stomach's acidic contents to reflux back into the esophagus (30–35). The stomach juice's hydrochloric acid and pepsin can harm the oesophageal mucosa, resulting in inflammation and injury (36–42). Pregnancy, food, obesity, and confident lifestyle choices (including smoking) can all raise the chance of having GER (43–49).

Material and method

Using an English-language criterion, we searched the keywords and a combination of them on PubMed, Scopus, and Web of Science for pertinent papers published between 1 January 1991 and 31 January 2023. Reviewers carried out a comprehensive analysis, rating all qualifying records according to the subsequent inclusion standards: randomized control trials (RCTs), randomized controlled clinical trials (RCCTs), comparative studies, retrospective studies; human participant studies; full-text articles available for free; and English-language publications. On the other hand, the following exclusion criteria were determined: in vitro articles, animal-related studies, and articles not released in English. The characteristics outlined according to the Participant, Intervention, Comparison, Outcome (PICO) framework were as follows: patients and practitioners, orthodontic treatment with orthodontic interventions, comparisons between different types of orthodontic treatments, and various outcomes including treatment efficacy, treatment duration, patient satisfaction, and safety.

Results

GERD effects on Oral Health

One of the primary effects of GERD on oral health is dental erosion. Stomach acid can ascend into the oral cavity, exposing teeth to a highly acidic environment that eats away tooth enamel. Research has demonstrated that GER patients are noticeably more likely than the general population to experience tooth erosion. The occlusal surfaces of the lower molars and the palatal surfaces of the higher anterior teeth are the most affected.

GER may be a factor in xerostomia, a disorder marked by decreased salivary flow. Saliva is essential for remineralizing enamel, shielding teeth from acid erosion, and physically cleansing the oral cavity. Reduced salivation raises the risk of dental caries, tooth erosion, and oral infections, including candidiasis.

Changes to the Oral Mucosae Stomatitis, or inflammation of the mouth, and oral ulceration are among the disorders that can result from gastric acid (GA) irritation and inflammation of the oral mucous membranes. GER patients may exhibit burning, soreness, and heightened sensitivity of their oral mucous membranes. Erosive lesions may be more prevalent on the gum surfaces and tongue dorsum.

One typical symptom of GER is halitosis. The mouth cavity contains GA and anaerobic bacteria that create volatile sulfur compounds, giving breath a disagreeable odor. Additionally, xerostomia, which is related to GER, may exacerbate halitosis.

GER can distort or change taste, a condition known as dysgeusia, which impairs taste perception. Patients may complain of a persistently sour or bitter taste in their mouths, which could negatively impact their appetite and overall well-being.

GER may cause gingivitis, an inflammatory disorder of the gums. While bacterial plaque formation is the primary cause of gingivitis, GER can aggravate the condition and cause it to start through several different processes.

The Mechanisms of GER Contributes to Gingivitis

1. GA: The gingival tissues can become irritated and inflamed when exposed to GA, which increases their susceptibility to bacterial infection (50–55).
2. Xerostomia: Less saliva means less saliva to neutralize acids and wash away bacteria, promoting plaque accumulation and the onset of gingivitis (55–61).
3. Systemic Inflammation: GER may cause a rise in systemic inflammation, which can impact the gingiva's health (62–67). The chronic inflammation linked to GER may enhance the gums' inflammatory response to bacterial plaque (68–74).

Gingivitis Symptoms and Clinical Indications

Gingivitis patients may exhibit the following signs and symptoms:

- Gums that are swollen and red;
- Gum bleeding, particularly during brushing or flossing;
- Halitosis that persists;
- Sensitivity to gingiva.

Gingivitis diagnosis

The foundations for diagnosing gingivitis are a clinical examination of the gums and identifying distinctive signs of (75–80). Dentists should be aware that GER may play a role in gingivitis, particularly in patients who also exhibit other oral symptoms of acid reflux (81–86).

Diagnosis and Assessment

A comprehensive clinical evaluation is necessary to identify dental erosion, gingivitis, and other oral symptoms of GER (87–94). Dental professionals should be aware of these symptoms and consider this illness when a patient presents with tooth erosion that isn't connected to any known dietary or lifestyle factors (95–102). Cooperation with gastroenterologists and an adequate medical history may be essential (103–109)for a proper diagnosis.

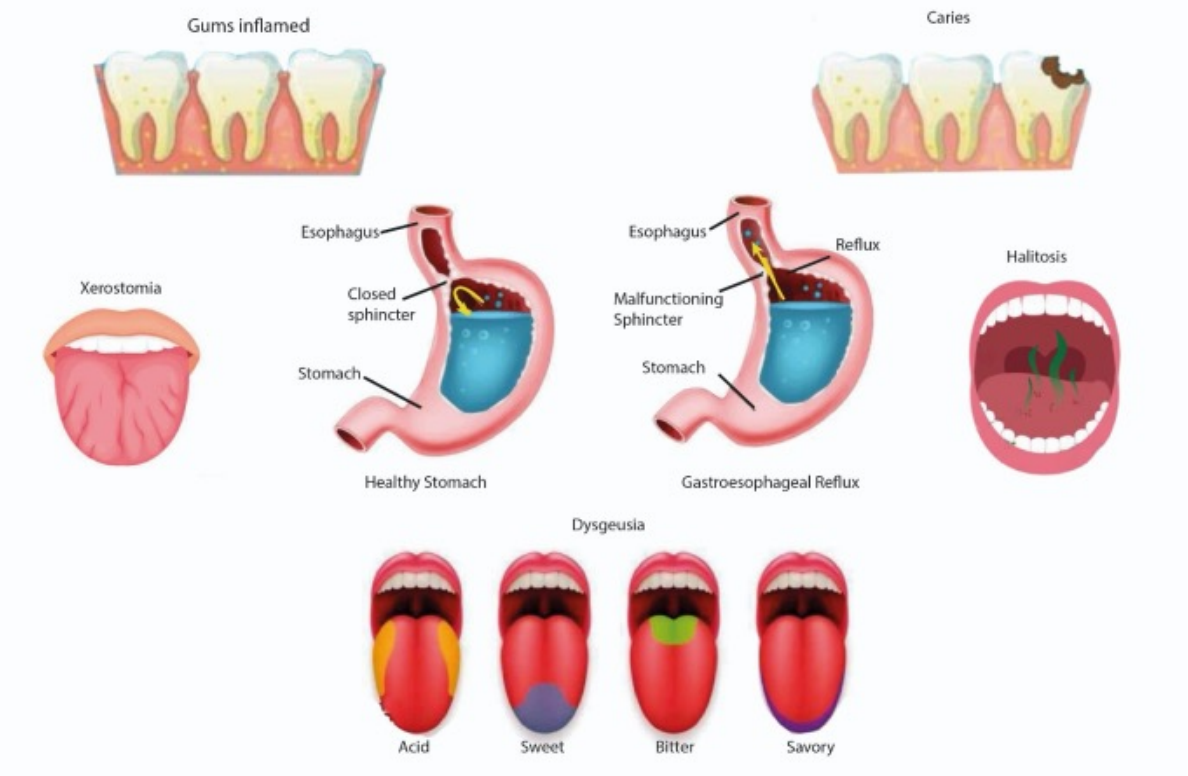

Figure 1. The physiological and pathological stomach with consequent oral cavity pathologies.

Diagnostic Tests of GER and medical treatment

GER diagnostic tests consist of the following: The esophageal pH meter assesses the pH of the esophagus to calculate the frequency and length of acid reflux episodes (110–116). Endoscopy enables the direct viewing of the esophageal mucosa and allows for the evaluation of any lesions (117–123). Esophageal manometry assesses motility and lower esophageal sphincter pressure (124–130).

The pharmacological treatment of GER consists of Proton pump inhibitors (PPIs), drugs that lessen the stomach acid produced, antacids that counteract stomach acid, and antagonists of H2 receptors that diminish acid generation (131–138).

Lifestyle changes are necessary to find small benefits in everyday life (139–144). These include following a healthy diet and avoiding items that can exacerbate GER, such as chocolate, alcohol, caffeine, and spicy foods (145–151). Reducing body weight can alleviate symptoms by easing the strain on the lower esophageal sphincter, and elevating the head while sleeping helps lessen reflux during the night (152–158).

Discussion

Dental procedures

4.1 Treatments with fluoride

Remineralizing tooth enamel and halting acid erosion requires the use of fluoride (159–164). Fluoride treatments can help strengthen tooth enamel and lower erosion risk in patients with GER. Dentists may advise several methods to achieve this:

Professional fluoride applications involve directly applying highly concentrated fluoride gels or varnishes to the teeth during dental checkups (165–169). These treatments can provide additional protection against acidity (170–174). Additionally, fluoridated toothpaste at home is recommended, preferably with a high fluoride concentration (175–180). Regular use of fluoride toothpaste helps maintain the strength of the tooth enamel (181–187). Furthermore, using fluoride mouthwash regularly can help keep the fluoride levels on the surface of the teeth stable, providing ongoing protection against erosion (188–195).

Sealants for teeth

Dental sealants are protective coatings applied to the chewing surfaces of posterior teeth, such as molars and premolars (196–204), to guard against wear and prevent cavities. Sealants can be particularly beneficial for individuals with GER for several reasons. First, they help prevent occlusal erosion by shielding the occlusal surfaces of molars and premolars from acid erosion and mechanical wear. Second, sealants can diminish tooth sensitivity caused by erosion by sealing exposed surfaces, relieving discomfort (205–212).

Dental Repairs

Dental restorations may be necessary to repair damaged teeth when dental erosion has already caused significant harm. Various options are available to address this issue. Small erosion areas can be repaired using fillings, which involve composite materials to restore the tooth's shape and function. Veneers, fragile layers made of composite resin or porcelain, can be applied to the front of teeth to

restore their natural appearance and protect them from further erosion (213–219). For teeth that have suffered extensive damage, crowns can provide full coverage, protecting the tooth and restoring its structure. In cases where the damage is severe but does not require an entire crown, inlays, and onlays offer a more conservative approach to restoration (220–225).

Controlling Xerostomia

One frequent side effect of GER that can raise the risk of tooth erosion and caries is xerostomia or dry mouth. Dentists take various approaches to managing xerostomia (226–231). For example, they encourage patients to drink water frequently to help keep their mouths moist. Additionally, doctors may prescribe salivary substitutes, products designed to replicate the function of natural saliva to treat dryness (232–235). Hard candies and sugar-free chewing gum can also help stimulate salivation. Sometimes, doctors prescribe medications such as pilocarpine to increase saliva production (236–241).

Dietary Guidelines

Dentists can offer dietary recommendations to lessen the adverse effects of acid reflux on dental health, as GER and eating habits are closely related (242–244). Avoiding acidic foods and drinks is advisable, as these can exacerbate dental erosion. This means avoiding alcohol, fizzy beverages, citrus fruits, and spicy foods (245–250). Additionally, eating small, frequent meals can help reduce reflux, and avoiding eating right before bed is essential. Dentists may also suggest incorporating protective foods like cheese, milk, and yogurt to help balance acidity and protect dental health (251–255).

Enhanced Dental Hygiene

Patients with GER must practice strict oral hygiene to avoid gum infections and tooth erosion. It is important to use a toothbrush with soft bristles to prevent further deterioration of the irritated gums and worn-down enamel (256–260). Additionally, avoiding brushing immediately after a reflux episode is advisable to avert mechanical erosion of the enamel. Regular flossing is essential to remove bacterial plaque and prevent gingivitis (261–265). Using fluoride mouthwashes can help strengthen the enamel, while antimicrobial mouthwashes can reduce the bacterial load in the mouth (266–271).

Instruction for Patients

It is crucial to inform people about the significance of controlling their dental health and the repercussions of GER (272–276). Dentists ought to disclose the risks by informing patients about the potential effects of GER on dental health and stressing the value of adopting preventative measures. Additionally, they should encourage patients to schedule frequent dental checkups to monitor their oral health and take quick action if any issues arise (277–281).

Observation and Follow-up

Patients with GER require frequent monitoring. Periodic oral examinations are important for dentists to monitor the development of gingivitis, tooth erosion, and other oral health issues (282–286). Lastly, interdisciplinary work with gastrointestinal physicians can optimize the care of GER and its oral manifestations. Dentists should modify the treatment plan based on the patient's response to ongoing treatments and the evolution of their oral health.

Prospective views

Future research should focus on longitudinal studies to elucidate the causal association between GER and oral illnesses. Furthermore, novel therapeutic approaches must be investigated to prevent gingivitis and manage GER symptoms.

A significant development in the care of these individuals may be the use of inflammatory biomarkers to track the effectiveness of treatments (292–296).

Randomized clinical studies may ascertain the effectiveness of combined therapy for GER and gingivitis, such as the concurrent use of PPIs and oral hygiene products designed especially for people with acid reflux (297–302).

Conclusion

GER poses a serious threat to oral health, with consequences that include gingivitis, xerostomia, tooth erosion, and alterations to the oral mucosa. Early diagnosis and coordinated therapy of this condition are crucial to avoid significant consequences and enhance patients' quality of life. Dentists work with other medical specialists to treat patients holistically and recognize the oral symptoms of GER. More studies are required better to understand the connections between GER and oral health and create fresh prevention and treatment approaches.

Abbreviation

GA: Gastric acid.
GER: Gastroesophageal reflux.
GERD: Gastro-oesophageal reflux disease.
PPIs: Proton pump inhibitors.
RCTs: randomized control trials.
RCCTs: randomized controlled clinical trials.

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 conflicts of interest.

References

1. 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

2. Arezzo, F.; Cormio, G.; La Forgia, D.; Santarsiero, C.M.; Mongelli, M.; Lombardi, C.; Cazzato, G.; Cicinelli, E.; Loizzi, V. A Machine Learning Approach Applied to Gynecological Ultrasound to Predict Progression-Free Survival in Ovarian Cancer Patients. Arch Gynecol Obstet 2022, 306, 2143–2154, doi:10.1007/s00404-022-06578-1.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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:10.2174/1871530321666210127141945.
9. 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.
10. 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.
11. Contaldo, M.; Lajolo, C.; Di Petrillo, M.; Ballini, A.; Inchingolo, F.; Serpico, R.; Romano, A. Analysis of Lip Pigmentations by Reflectance Confocal Microscopy: Report of Two Cases. J Biol Regul Homeost Agents 2019, 33, 19-25. DENTAL SUPPLEMENT.
12. 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:10.2174/0929867328666210810154732.
13. 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.
14. 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.
15. Faraci, M.; Bonaretti, C.; Dell'Orso, G.; Pierri, F.; Giardino, S.; Angiero, F.; Blasi, S.; Farronato, G.; Di Marco, E.; Trevisiol, A.; et al. Association between Oral and Fecal Microbiome Dysbiosis and Treatment Complications in Pediatric Patients Undergoing Allogeneic Hematopoietic Stem Cell Transplantation. Sci Rep 2024, 14, 6708, doi:10.1038/s41598-024-55690-6.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. Cazzolla, A.P.; Campisi, G.; Lacaita, G.M.; Cuccia, M.A.; Ripa, A.; Testa, N.F.; Ciavarella, D.; Lo Muzio, L. Changes in Pharyngeal Aerobic Microflora in Oral Breathers after Palatal Rapid Expansion. BMC Oral Health 2006, 6, 2, doi:10.1186/1472-6831-6-2.
27. 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.
28. Gasparro, R.; Pucci, M.; Costanzo, E.; Urzì, O.; Tinnirello, V.; Moschetti, M.; Conigliaro, A.; Raimondo, S.; Corleone, V.; Fontana, S.; et al. Citral-Enriched Fraction of Lemon Essential Oil Mitigates LPS-Induced Hepatocyte Injuries. Biology (Basel) 2023, 12, 1535, doi:10.3390/biology12121535.
29. 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.
30. 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.
31. Mehta, V.; Sarode, G.S.; Obulareddy, V.T.; Sharma, T.; Kokane, S.; Cicciù, M.; Minervini, G. Clinicopathologic Profile, Management and Outcome of Sinonasal Ameloblastoma-A Systematic Review. J Clin Med 2023, 12, 381, doi:10.3390/jcm12010381.
32. 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.
33. 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.
34. Bambini, F.; Memè, L.; Pellecchia, M.; Sabatucci, A.; Selvaggio, R. Comparative Analysis of Deformation of Two Implant/Abutment Connection Systems during Implant Insertion. An in Vitro Study. Minerva Stomatol 2005, 54, 129–138.
35. Bambini, F.; Giannetti, L.; Memè, L.; Pellecchia, M.; Selvaggio, R. Comparative Analysis of Direct and Indirect Implant Impression Techniques an in Vitro Study. An in Vitro Study. Minerva Stomatol 2005, 54, 395–402.
36. 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.
37. 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.
38. 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.
39. Kaur, K.; Suneja, B.; Jodhka, S.; Saini, R.S.; Chaturvedi, S.; Bavabeedu, S.S.; Alhamoudi, F.H.; Cicciù, M.; Minervini, G. Comparison between Restorative Materials for Pulpotomised Deciduous Molars: A Randomized Clinical Study. Children (Basel) 2023, 10, 284, doi:10.3390/children10020284.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. Cazzato, G.; Massaro, A.; Colagrande, A.; Lettini, T.; Cicco, S.; Parente, P.; Nacchiero, E.; Lospalluti, L.; Cascardi, E.; Giudice, G.; et al. Dermatopathology of Malignant Melanoma in the Era of Artificial Intelligence: A Single Institutional Experience. Diagnostics (Basel) 2022, 12, 1972, doi:10.3390/diagnostics12081972.
54. Mandriani, B.; Pellè, E.; Mannavola, F.; Palazzo, A.; Marsano, R.M.; Ingravallo, G.; Cazzato, G.; Ramello, M.C.; Porta, C.; Strosberg, J.; et al. Development of Anti-Somatostatin Receptors CAR T Cells for Treatment of Neuroendocrine Tumors. J Immunother Cancer 2022, 10, e004854, doi:10.1136/jitc-2022-004854.
55. Bonetti, G.; Medori, M.C.; Fioretti, F.; Farronato, M.; Nodari, S.; Lorusso, L.; Tartaglia, G.M.; Farronato, G.;

Bellinato, F.; Gisondi, P.; et al. Dietary Supplements for the Management of COVID-19 Symptoms. J Prev Med Hyg 2022, 63, E221–E227, doi:10.15167/2421-4248/jpmh2022.63.2S3.2764.
56. 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.
57. 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.
58. 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.
59. 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.
60. 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.
61. 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.
62. 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.
63. 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.
64. Marchetti, E.; Mummolo, S.; Di Mattia, J.; Casalena, F.; Di Martino, S.; Mattei, A.; Marzo, G. Efficacy of Essential Oil Mouthwash with and without Alcohol: A 3-Day Plaque Accumulation Model. Trials 2011, 12, 262, doi:10.1186/1745-6215-12-262.
65. 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.
66. 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.
67. Libonati, A.; Marzo, G.; Klinger, F.G.; Farini, D.; Gallusi, G.; Tecco, S.; Mummolo, S.; De Felici, M.; Campanella, V. Embryotoxicity Assays for Leached Components from Dental Restorative Materials. Reprod Biol Endocrinol 2011, 9, 136, doi:10.1186/1477-7827-9-136.
68. 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.
69. Kiani, A.K.; Pheby, D.; Henehan, G.; Brown, R.; Sieving, P.; Sykora, P.; Marks, R.; Falsini, B.; Capodicasa, N.; Miertus, S.; et al. Ethical Considerations Regarding Animal Experimentation. J Prev Med Hyg 2022, 63, E255–E266, doi:10.15167/2421-4248/jpmh2022.63.2S3.2768.
70. 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.
71. 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.
72. 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.
73. 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.
74. 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.
75. 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.
76. 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.
77. Minervini, G.; Franco, R.; Marrapodi, M.M.; Mehta, V.; Fiorillo, L.; Badnjević, A.; Cervino, G.; Cicciù, M. Gaucher: A Systematic Review on Oral and Radiological Aspects. Medicina (Kaunas) 2023, 59, 670, doi:10.3390/medicina59040670.
78. 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.
79. 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.
80. Cavalca, V.; Veglia, F.; Squellerio, I.; Marenzi, G.; Minardi, F.; De Metrio, M.; Cighetti, G.; Boccotti, L.; Ravagnani, P.; Tremoli, E. Glutathione, Vitamin E and Oxidative Stress in Coronary Artery Disease: Relevance of Age and Gender. Eur J Clin Invest 2009, 39, 267–272, doi:10.1111/j.1365-2362.2009.02094.x.
81. 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.

82. 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.
83. 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.
84. 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.
85. Avvanzo, P.; Ciavarella, D.; Avvanzo, A.; Giannone, N.; Carella, M.; Lo Muzio, L. Immediate Placement and Temporization of Implants: Three- to Five-Year Retrospective Results. J Oral Implantol 2009, 35, 136–142, doi:10.1563/1548-1336-35.3.136.
86. 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.
87. 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.
88. 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.
89. 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.
90. Tinnirello, V.; Zizzo, M.G.; Conigliaro, A.; Tabone, M.; Ganji, N.R.; Cicio, A.; Bressa, C.; Larrosa, M.; Rappa, F.; Vergilio, G.; et al. Industrial-Produced Lemon Nanovesicles Ameliorate Experimental Colitis-Associated Damages in Rats via the Activation of Anti-Inflammatory and Antioxidant Responses and Microbiota Modification. Biomed Pharmacother 2024, 174, 116514, doi:10.1016/j.biopha.2024.116514.
91. 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.
92. 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.
93. 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.
94. 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.
95. Urzì, O.; Cafora, M.; Ganji, N.R.; Tinnirello, V.; Gasparro, R.; Raccosta, S.; Manno, M.; Corsale, A.M.; Conigliaro, A.; Pistocchi, A.; et al. Lemon-Derived Nanovesicles Achieve Antioxidant and Anti-Inflammatory Effects Activating the AhR/Nrf2 Signaling Pathway. iScience 2023, 26, 107041, doi:10.1016/j.isci.2023.107041.
96. 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.
97. 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.
98. 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.
99. 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.
100. 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.
101. 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.
102. 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.
103. 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.
104. 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.
105. Sisillo, E.; Ceriani, R.; Bortone, F.; Juliano, G.; Salvi, L.; Veglia, F.; Fiorentini, C.; Marenzi, G. N-Acetylcysteine for Prevention of Acute Renal Failure in Patients with Chronic Renal Insufficiency Undergoing Cardiac Surgery: A Prospective, Randomized, Clinical Trial. Crit Care Med 2008, 36, 81–86, doi:10.1097/01.CCM.0000295305.22281.1D.
106. Sisillo, E.; Marenzi, G. N-Acetylcysteine for the Prevention of Acute Kidney Injury after Cardiac Surgery. J Clin Pharmacol 2011, 51, 1603–1610, doi:10.1177/0091270010384117.
107. 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.
108. 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.
109. Meme, L.; Santarelli, A.; Marzo, G.; Emanuelli, M.; Nocini, P.F.; Bertossi, D.; Putignano, A.; Dioguardi, M.; Lo Muzio, L.; Bambini, F. Novel Hydroxyapatite Biomaterial Covalently Linked to Raloxifene. Int J Immunopathol Pharmacol 2014, 27, 437–444, doi:10.1177/039463201402700315.
110. Lorenzini, E.C.; Lazzari, B.; Tartaglia, G.M.; Farronato, G.; Lanteri, V.; Botti, S.; Biscarini, F.; Cozzi, P.; Stella, A. Oral Ecological Environment Modifications by Hard-Cheese: From pH to Microbiome: A Prospective Cohort Study Based on 16S rRNA Metabarcoding Approach. J Transl Med 2022, 20, 312, doi:10.1186/s12967-022-03506-4.
111. 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.
112. 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.
113. Lo Muzio, L.; Santarelli, A.; Panzarella, V.; Campisi, G.; Carella, M.; Ciavarella, D.; Di Cosola, M.; Giannone, N.; Bascones, A. Oral Squamous Cell Carcinoma and Biological Markers: An Update on the Molecules Mainly Involved in Oral Carcinogenesis. Minerva Stomatol 2007, 56, 341–347.
114. 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.
115. 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.
116. 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.
117. Urzì, O.; Gasparro, R.; Ganji, N.R.; Alessandro, R.; Raimondo, S. Plant-RNA in Extracellular Vesicles: The Secret of Cross-Kingdom Communication. Membranes (Basel) 2022, 12, 352, doi:10.3390/membranes12040352.
118. 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.
119. 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.
120. 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.
121. 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.
122. Arezzo, F.; Loizzi, V.; La Forgia, D.; Moschetta, M.; Tagliafico, A.S.; Cataldo, V.; Kawosha, A.A.; Venerito, V.; Cazzato, G.; Ingravallo, G.; et al. Radiomics Analysis in Ovarian Cancer: A Narrative Review. Applied Sciences 2021, 11, 7833, doi:10.3390/app11177833.
123. 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.
124. 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.
125. Marenzi, G.; Bartorelli, A.L. Recent Advances in the Prevention of Radiocontrast-Induced Nephropathy. Curr Opin Crit Care 2004, 10, 505–509, doi:10.1097/01.ccx.0000145098.13199.e8.
126. Giordano, F.; Acerra, A.; Gasparro, R.; Galdi, M.; D'Ambrosio, F.; Caggiano, M. Retrospective Radiographic Analysis of Peri-Implant Bone Loss in Mandibular Full-Arch Implant Rehabilitations. Diagnostics (Basel) 2024, 14, 2404, doi:10.3390/diagnostics14212404.
127. 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.
128. 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.
129. 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.
130. 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.
131. 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.
132. Tecco, S.; Mummolo, S.; Marchetti, E.; Tetè, S.; Campanella, V.; Gatto, R.; Gallusi, G.; Tagliabue, A.; Marzo, G. sEMG Activity of Masticatory, Neck, and Trunk Muscles during the Treatment of Scoliosis with Functional Braces. A Longitudinal Controlled Study. J Electromyogr Kinesiol 2011, 21, 885–892, doi:10.1016/j.jelekin.2011.08.004.
133. 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.
134. 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.
135. 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.
136. Bonamonte, D.; Filoni, A.; De Marco, A.; Lospalluti, L.; Nacchiero, E.; Ronghi, V.; Colagrande, A.; Giudice, G.; Cazzato, G. Squamous Cell Carcinoma in Patients with Inherited Epidermolysis Bullosa: Review of Current Literature. Cells 2022, 11, 1365, doi:10.3390/cells11081365.
137. Minervini, G.; Del Mondo, D.; Russo, D.; Cervino, G.; D'Amico, C.; Fiorillo, L. Stem Cells in Temporomandibular Joint Engineering: State of Art and Future Persectives. J Craniofac Surg 2022, 33, 2181–2187, doi:10.1097/SCS.0000000000008771.
138. 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.
139. 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.
140. 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.
141. 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.
142. 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.
143. Campobasso, A.; Lo Muzio, E.; Battista, G.; Ciavarella, D.; Crincoli, V.; Lo Muzio, L. Taxonomic Analysis of Oral Microbiome during Orthodontic Treatment. Int J Dent 2021, 2021, 8275181, doi:10.1155/2021/8275181.
144. Minervini, G.; Russo, D.; Herford, A.S.; Gorassini, F.; Meto, A.; D'Amico, C.; Cervino, G.; Cicciù, M.; Fiorillo, L. Teledentistry in the Management of Patients with Dental and Temporomandibular Disorders. Biomed Res Int 2022, 2022, 7091153, doi:10.1155/2022/7091153.
145. 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.
146. 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.
147. 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.
148. 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.
149. 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.
150. 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.
151. 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.
152. 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.
153. 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.
154. 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.
155. 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.
156. 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.
157. Raghu, G.; Berk, M.; Campochiaro, P.A.; Jaeschke, H.; Marenzi, G.; Richeldi, L.; Wen, F.-Q.; Nicoletti, F.; Calverley, P.M.A. The Multifaceted Therapeutic Role of N-Acetylcysteine (NAC) in Disorders Characterized by Oxidative Stress. Curr Neuropharmacol 2021, 19, 1202–1224, doi:10.2174/1570159X19666201230144109.
158. 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.
159. 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.
160. Alfieri, V.; Myasoedova, V.A.; Vinci, M.C.; Rondinelli, M.; Songia, P.; Massaiu, I.; Cosentino, N.; Moschetta, D.; Valerio, V.; Ciccarelli, M.; et al. The Role of Glycemic Variability in Cardiovascular Disorders. Int J Mol Sci 2021, 22, 8393, doi:10.3390/ijms22168393.
161. Nahidh, M.; Al-Khawaja, N.F.K.; Jasim, H.M.; Cervino, G.; Cicciù, M.; Minervini, G. The Role of Social Media in Communication and Learning at the Time of COVID-19 Lockdown-An Online Survey. Dent J (Basel) 2023, 11, 48, doi:10.3390/dj11020048.
162. 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.
163. Urzì, O.; Gasparro, R.; Costanzo, E.; De Luca, A.; Giavaresi, G.; Fontana, S.; Alessandro, R. Three-Dimensional Cell Cultures: The Bridge between In Vitro and In Vivo Models.

Int J Mol Sci 2023, 24, 12046, doi:10.3390/ijms241512046.
164. Silvestrini Biavati, A.; Tecco, S.; Migliorati, M.; Festa, F.; Panza, G.; Marzo, G.; Gherlone, E.; Tetè, S. Three-Dimensional Tomographic Mapping Related to Primary Stability and Structural Miniscrew Characteristics. Orthod Craniofac Res 2011, 14, 88–99, doi:10.1111/j.1601-6343.2011.01512.x.
165. 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.
166. 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.
167. 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.
168. Ciavarella, D.; Guiglia, R.; Campisi, G.; Di Cosola, M.; Di Liberto, C.; Sabatucci, A.; Escudero, N.; Bascones, A.; Lo Muzio, L. Update on Gingival Overgrowth by Cyclosporine A in Renal Transplants. Med Oral Patol Oral Cir Bucal 2007, 12, E19-25.
169. 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.
170. 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.
171. 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.
172. 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.
173. 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.
174. 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.
175. Antioxidant, Antimicrobial, and Other Biological Properties of Pompia Juice Available online: https://www.mdpi.com/1420-3049/25/14/3186 (accessed on 4 January 2025).
176. Casu, C.; Mannu, C. Atypical Afta Major Healing after Photodynamic Therapy. Case Rep Dent 2017, 2017, 8517470, doi:10.1155/2017/8517470.
177. Curcumin/H2O2 Photodynamically Activated: An Antimicrobial Time-Response Assessment against an MDR Strain of Candida Albicans - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/36524503/ (accessed on 4 January 2025).
178. Mosaico, G.; Artuso, G.; Pinna, M.; Denotti, G.; Orrù, G.; Casu, C. Host Microbiota Balance in Teenagers with Gum Hypertrophy Concomitant with Acne Vulgaris: Role of Oral Hygiene Associated with Topical Probiotics. Microorganisms 2022, 10, 1344, doi:10.3390/microorganisms10071344.
179. Kalcev, G.; Scano, A.; Orrù, G.; Primavera, D.; Cossu, G.; Nardi, A.E.; Carta, M.G. Is a Genetic Variant Associated with Bipolar Disorder Frequent in People without Bipolar Disorder but with Characteristics of Hyperactivity and Novelty Seeking? Clin Pract Epidemiol Ment Health 2023, 19, e174501792303280, doi:10.2174/17450179-v19-e230419-2022-53.
180. Carta, M.G.; Kalcev, G.; Scano, A.; Primavera, D.; Orrù, G.; Gureye, O.; Cossu, G.; Nardi, A.E. Is Bipolar Disorder the Consequence of a Genetic Weakness or Not Having Correctly Used a Potential Adaptive Condition? Brain Sci 2022, 13, 16, doi:10.3390/brainsci13010016.
181. Isolation and Characterization of Two Different 5S rDNA in Anguilla Anguilla and in Anguilla Rostrata: Possible Markers of Evolutionary Divergence - PICHIRI - 2006 - Molecular Ecology Notes - Wiley Online Library Available online: https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1471-8286.2006.01394.x (accessed on 4 January 2025).
182. Molecular Characterization of Anisakis Larvae from Fish Caught off Sardinia - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/21501045/ (accessed on 4 January 2025).
183. (PDF) Use of Chlorhexidine, Side Effects and Antibiotic Resistance Available online: https://www.researchgate.net/publication/325811996_Use_of_chlorhexidine_side_effects_and_antibiotic_resistance (accessed on 4 January 2025).
184. Casu, C.; Murgia, M.S.; Orrù, G.; Scano, A. Photodynamic Therapy for the Successful Management of Cyclosporine-Related Gum Hypertrophy: A Novel Therapeutic Option. J Public Health Res 2022, 11, 22799036221116177, doi:10.1177/22799036221116177.
185. Server Error Available online: https://pubmed.ncbi.nlm.nih.gov/33962664/ (accessed on 4 January 2025).
186. The Best Peptidomimetic Strategies to Undercover Antibacterial Peptides - PMC Available online: https://pmc.ncbi.nlm.nih.gov/articles/PMC7583890/ (accessed on 4 January 2025).
187. Carta, M.G.; Romano, F.; Orrù, G. The True Challenges of the Covid-19 Epidemics: The Need for Essential Levels of Care for All. Open Respir Med J 2020, 14, 8–9, doi:10.2174/1874306402014010008.
188. Santarelli, A.; Mascitti, M.; Rubini, C.; Bambini, F.; Zizzi, A.; Offidani, A.; Ganzetti, G.; Laino, L.; Cicciù, M.; Lo Muzio, L. Active Inflammatory Biomarkers in Oral Lichen Planus. Int J Immunopathol Pharmacol 2015, 28, 562–568, doi:10.1177/0394632015592101.
189. Analysis of Earlier Temporomandibular Joint Disorders in JIA Patients: A Clinical Report Available online: https://www.mdpi.com/2227-9032/9/9/1140 (accessed on 4 January 2025).
190. Anti-Inflammatory Cytokines in Peri-Implant Soft Tissues: A Preliminary Study on Humans Using CDNA Microarray Technology - F. Bambini, M. Pellecchia, L. Memè, A Santarelli, M. Emanuelli, M. Procaccini, L. Lo Muzio, 2007 Available online: https://journals.sagepub.com/doi/abs/10.1177/1721727X0700500302 (accessed on 4 January 2025).
191. Association between Oral and Fecal Microbiome Dysbiosis and Treatment Complications in Pediatric Patients Undergoing Allogeneic Hematopoietic Stem Cell Transplantation | Scientific Reports Available online: https://www.nature.com/articles/s41598-024-55690-6 (accessed on 4 January 2025).
192. Gatta, E.; Anelli, V.; Cimino, E.; Di Lodovico, E.; Piovani, E.; Zammarchi, I.; Gozzoli, G.; Maltese, V.; Cavadini, M.; Agosti, B.; et al. Autoimmune Polyglandular Syndrome Type 4: Experience from a Single Reference Center. Front Endocrinol (Lausanne) 2023, 14, 1236878, doi:10.3389/fendo.2023.1236878.
193. Yeh, R.W.; Kereiakes, D.J.; Steg, P.G.; Windecker, S.; Rinaldi, M.J.; Gershlick, A.H.; Cutlip, D.E.; Cohen, D.J.; Tanguay, J.F.; Jacobs, A.; et al. Benefits and Risks of

Extended Duration Dual Antiplatelet Therapy after PCI in Patients With and Without Acute Myocardial Infarction. J Am Coll Cardiol 2015, 65, 2211–2221, doi:10.1016/j.jacc.2015.03.003.
194. Biological Oriented Immediate Loading: A New Mathematical Implant Vertical Insertion Protocol, Five-Year Follow-Up Study Available online: https://www.mdpi.com/1996-1944/14/2/387 (accessed on 4 January 2025).
195. d'Apuzzo, F.; Cappabianca, S.; Ciavarella, D.; Monsurrò, A.; Silvestrini-Biavati, A.; Perillo, L. Biomarkers of Periodontal Tissue Remodeling during Orthodontic Tooth Movement in Mice and Men: Overview and Clinical Relevance. ScientificWorldJournal 2013, 2013, 105873, doi:10.1155/2013/105873.
196. Biomimetics | Special Issue : Dentistry and Cranio Facial District: The Role of Biomimetics Available online: https://www.mdpi.com/journal/biomimetics/special_issues/432G88R0Y2 (accessed on 4 January 2025).
197. Bisphosphonates and Their Connection to Dental Procedures: Exploring Bisphosphonate-Related Osteonecrosis of the Jaws Available online: https://www.mdpi.com/2072-6694/15/22/5366 (accessed on 4 January 2025).
198. Gasparro, R.; Pucci, M.; Costanzo, E.; Urzì, O.; Tinnirello, V.; Moschetti, M.; Conigliaro, A.; Raimondo, S.; Corleone, V.; Fontana, S.; et al. Citral-Enriched Fraction of Lemon Essential Oil Mitigates LPS-Induced Hepatocyte Injuries. Biology (Basel) 2023, 12, 1535, doi:10.3390/biology12121535.
199. Teja, K.V.; Janani, K.; Srivastava, K.C.; Shrivastava, D.; Natoli, V.; Di Blasio, M.; Cicciu, M.; Minervini, G. Comparative Evaluation of Antimicrobial Efficacy of Different Combinations of Calcium Hydroxide against Enterococcus Faecalis. BMC Oral Health 2023, 23, 849, doi:10.1186/s12903-023-03552-4.
200. Mohammed, N.M.A.; Mahfouz, A.; Achkar, K.; Rafie, I.M.; Hajar, R. Contrast-Induced Nephropathy. Heart Views 2013, 14, 106–116, doi:10.4103/1995-705X.125926.
201. Ciavarella, D.; Campobasso, A.; Conte, E.; Burlon, G.; Guida, L.; Montaruli, G.; Cassano, M.; Laurenziello, M.; Illuzzi, G.; Tepedino, M. Correlation between Dental Arch Form and OSA Severity in Adult Patients: An Observational Study. Prog Orthod 2023, 24, 19, doi:10.1186/s40510-023-00464-5.
202. 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.
203. Tepedino, M.; Illuzzi, G.; Laurenziello, M.; Perillo, L.; Taurino, A.M.; Cassano, M.; Guida, L.; Burlon, G.; Ciavarella, D. Craniofacial Morphology in Patients with Obstructive Sleep Apnea: Cephalometric Evaluation. Braz J Otorhinolaryngol 2022, 88, 228–234, doi:10.1016/j.bjorl.2020.05.026.
204. Signorini, L.; Marenzi, G.; Facente, A.; Marrelli, B.; Marano, R.M.; Valletta, A.; Pacifici, L.; Gasparro, R.; Sammartino, G.; Severino, M. Critical Overview on Pure Chitosan-Based Scaffolds for Bone Tissue Engineering: Clinical Insights in Dentistry. Int J Med Sci 2023, 20, 1527–1534, doi:10.7150/ijms.87978.
205. 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.
206. Quinzi, V.; Marchetti, E.; Guerriero, L.; Bosco, F.; Marzo, G.; Mummolo, S. Dentoskeletal Class II Malocclusion: Maxillary Molar Distalization with No-Compliance Fixed Orthodontic Equipment. Dent J (Basel) 2020, 8, 26, doi:10.3390/dj8010026.
207. Gasparro, R.; Bucci, R.; De Rosa, F.; Sammartino, G.; Bucci, P.; D'Antò, V.; Marenzi, G. Effectiveness of Surgical Procedures in the Acceleration of Orthodontic Tooth Movement: Findings from Systematic Reviews and Meta-analyses. Jpn Dent Sci Rev 2022, 58, 137–154, doi:10.1016/j.jdsr.2022.03.003.
208. Epithelial Biological Response to Machined Titanium vs. PVD Zirconium-Coated Titanium: An In Vitro Study Available online: https://www.mdpi.com/1996-1944/15/20/7250 (accessed on 4 January 2025).
209. Feature Paper in Oral Physiology and Pathology Available online: https://www.mdpi.com/2075-1729/14/7/895 (accessed on 4 January 2025).
210. Human Cloning: Biology, Ethics, and Social Implications - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/37994769/ (accessed on 4 January 2025).
211. (Influence of Biphosphonates on the Integration Process of Endosseous Implants Evaluated Using Single Photon Emission Computerized Tomography (SPECT)). | Semantic Scholar Available online: https://www.semanticscholar.org/paper/%5BInfluence-of-biphosphonates-on-the-integration-of-Bambini-Stefano/f77b2e967d95eb162e0fb96ccc3be80316879c8d (accessed on 4 January 2025).
212. Lo Muzio, L.; Pannone, G.; Santarelli, A.; Bambini, F.; Mascitti, M.; Rubini, C.; Testa, N.F.; Dioguardi, M.; Leuci, S.; Bascones, A.; et al. Is Expression of P120ctn in Oral Squamous Cell Carcinomas a Prognostic Factor? Oral Surg Oral Med Oral Pathol Oral Radiol 2013, 115, 789–798, doi:10.1016/j.oooo.2013.03.006.
213. (PDF) Simultaneous Determination of Tartrazine and Allura Red in Commercial Preparation by Chemometric HPLC Method Available online: https://www.researchgate.net/publication/228365768_Simultaneous_determination_of_tartrazine_and_allura_red_in_commercial_preparation_by_chemometric_HPLC_method (accessed on 4 January 2025).
214. Cafiero, C.; Matarasso, M.; Marenzi, G.; Iorio Siciliano, V.; Bellia, L.; Sammartino, G. Periodontal Care as a Fundamental Step for an Active and Healthy Ageing. ScientificWorldJournal 2013, 2013, 127905, doi:10.1155/2013/127905.
215. Urzì, O.; Gasparro, R.; Ganji, N.R.; Alessandro, R.; Raimondo, S. Plant-RNA in Extracellular Vesicles: The Secret of Cross-Kingdom Communication. Membranes (Basel) 2022, 12, 352, doi:10.3390/membranes12040352.
216. Psoriatic Arthritis Involving TMJ: A Review on Pathogenesis and Consideration on Eventual Gender Differences Available online: https://www.mdpi.com/2304-6767/12/2/31 (accessed on 4 January 2025).
217. 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.
218. Abate, A.; Cavagnetto, D.; Fama, A.; Maspero, C.; Farronato, G. Relationship between Breastfeeding and Malocclusion: A Systematic Review of the Literature. Nutrients 2020, 12, 3688, doi:10.3390/nu12123688.
219. Vitiello, F.; Tosco, V.; Monterubbianesi, R.; Orilisi, G.; Gatto, M.L.; Sparabombe, S.; Memé, L.; Mengucci, P.; Putignano, A.; Orsini, G. Remineralization Efficacy of Four Remineralizing Agents on Artificial Enamel Lesions: SEM-EDS Investigation. Materials (Basel) 2022, 15, 4398, doi:10.3390/ma15134398.
220. KIANI, A.K.; NAUREEN, Z.; PHEBY, D.; HENEHAN, G.; BROWN, R.; SIEVING, P.; SYKORA, P.; MARKS, R.; FALSINI, B.; CAPODICASA, N.; et al. Methodology for Clinical Research. J Prev Med Hyg 2022, 63, E267–E278, doi:10.15167/2421-4248/jpmh2022.63.2S3.2769.
221. Di Spirito, F.; Giordano, F.; Di Palo, M.P.; D'Ambrosio, F.; Scognamiglio, B.; Sangiovanni, G.; Caggiano, M.; Gasparro, R. Microbiota of Peri-Implant Healthy Tissues, Peri-Implant Mucositis, and Peri-Implantitis: A Comprehensive Review. Microorganisms 2024, 12, 1137, doi:10.3390/microorganisms12061137.
222. Microscopic Analysis and Evaluation of Thermal Elevation and Wear of Drills for Implant Site Preparation: An In Vitro Study Available online: https://www.mdpi.com/1996-1944/17/22/5524 (accessed on 4 January 2025).
223. Parisi, L.; Bassani, B.; Tremolati, M.; Gini, E.; Farronato,

G.; Bruno, A. Natural Killer Cells in the Orchestration of Chronic Inflammatory Diseases. J Immunol Res 2017, 2017, 4218254, doi:10.1155/2017/4218254.
224. Gasparro, R.; Qorri, E.; Valletta, A.; Masucci, M.; Sammartino, P.; Amato, A.; Marenzi, G. Non-Transfusional Hemocomponents: From Biology to the Clinic-A Literature Review. Bioengineering (Basel) 2018, 5, 27, doi:10.3390/bioengineering5020027.
225. Ciavarella, D.; Fanelli, C.; Suriano, C.; Cazzolla, A.P.; Campobasso, A.; Guida, L.; Laurenziello, M.; Illuzzi, G.; Tepedino, M. Occlusal Plane Modification in Clear Aligners Treatment: Three Dimensional Retrospective Longitudinal Study. Dent J (Basel) 2022, 11, 8, doi:10.3390/dj11010008.
226. Tinelli, A.; Yassa, M.; Marzo, G.; Romualdi, D.; Frigerio, M.; Melcarne, A.; Scambia, G.; Pecorella, G.; Morciano, A. Spondylodiscitis after Sacral Colpopexy: Diagnose Early to Treat Earlier. Int J Clin Exp Pathol 2024, 17, 90–95, doi:10.62347/RERC7901.
227. Campobasso, A.; Lo Muzio, E.; Battista, G.; Ciavarella, D.; Crincoli, V.; Lo Muzio, L. Taxonomic Analysis of Oral Microbiome during Orthodontic Treatment. Int J Dent 2021, 2021, 8275181, doi:10.1155/2021/8275181.
228. Maspero, C.; Farronato, G.; Giannini, L.; Kairyte, L.; Pisani, L.; Galbiati, G. The Complication of Oral Piercing and the Role of Dentist in Their Prevention: A Literature Review. Stomatologija 2014, 16, 118–124.
229. Rossi, R.; Carli, E.; Bambini, F.; Mummolo, S.; Licini, C.; Memè, L. The Use of Nano-Hydroxyapatite (NH) for Socket Preservation: Communication of an Upcoming Multicenter Study with the Presentation of a Pilot Case Report. Medicina (Kaunas) 2023, 59, 1978, doi:10.3390/medicina59111978.
230. Wanigasekara, J.; Carroll, L.J.; Cullen, P.J.; Tiwari, B.; Curtin, J.F. Three-Dimensional (3D) in Vitro Cell Culture Protocols to Enhance Glioblastoma Research. PLoS One 2023, 18, e0276248, doi:10.1371/journal.pone.0276248.
231. Unlocking the Potential of Dental-Derived Mesenchymal Stem Cells in Regenerative Medicine Available online: https://www.mdpi.com/2077-0383/12/11/3804 (accessed on 4 January 2025).
232. Yan, X.-M.; Wang, J.; Tao, X.-X.; Jia, H.-B.; Meng, F.-L.; Yang, H.; You, Y.-H.; Zheng, B.; Hu, Y.; Bu, X.-X.; et al. A Conjugative MDR pMG1-Like Plasmid Carrying the Lsa(E) Gene of Enterococcus Faecium With Potential Transmission to Staphylococcus Aureus. Front Microbiol 2021, 12, 667415, doi:10.3389/fmicb.2021.667415.
233. Filardo, S.; Di Pietro, M.; Mastromarino, P.; Porpora, M.G.; Sessa, R. A Multi-Strain Oral Probiotic Improves the Balance of the Vaginal Microbiota in Women with Asymptomatic Bacterial Vaginosis: Preliminary Evidence. Nutrients 2024, 16, 3469, doi:10.3390/nu16203469.
234. Donders, G.G.G.; Bellen, G.; Grinceviciene, S.; Ruban, K.; Vieira-Baptista, P. Aerobic Vaginitis: No Longer a Stranger. Res Microbiol 2017, 168, 845–858, doi:10.1016/j.resmic.2017.04.004.
235. Mabaso, N.; Abbai, N.S. A Review on Trichomonas Vaginalis Infections in Women from Africa. S Afr J Infect Dis 2021, 36, 254, doi:10.4102/sajid.v36i1.254.
236. Ciavarella, D.; Guiglia, R.; Campisi, G.; Di Cosola, M.; Di Liberto, C.; Sabatucci, A.; Escudero, N.; Bascones, A.; Lo Muzio, L. Update on Gingival Overgrowth by Cyclosporine A in Renal Transplants. Med Oral Patol Oral Cir Bucal 2007, 12, E19-25.
237. Galeotti, A.; De Vincentiis, G.C.; Sitzia, E.; Marzo, G.; Maldonato, W.; Bompiani, G.; Chiarini Testa, M.B.; Putrino, A.; Bartuli, A.; Festa, P. Use of an Orthodontic and Otolaryngological Approach in an Infant with Holoprosencephaly. Children (Basel) 2024, 11, 554, doi:10.3390/children11050554.
238. Utility of Teleorthodontics in Orthodontic Emergencies during the COVID-19 Pandemic: A Systematic Review - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/35742159/ (accessed on 4 January 2025).
239. Cosentino, N.; Campodonico, J.; Milazzo, V.; De Metrio, M.; Brambilla, M.; Camera, M.; Marenzi, G. Vitamin D and Cardiovascular Disease: Current Evidence and Future Perspectives. Nutrients 2021, 13, 3603, doi:10.3390/nu13103603.
240. Saccomanno, S.; Valeri, C.; Di Giandomenico, D.; Fani, E.; Marzo, G.; Quinzi, V. What Is the Impact of Autotransplantation on the Long-Term Stability and Patient Satisfaction of Impacted Canines? A Systematic Review. Saudi Dent J 2024, 36, 1268–1277, doi:10.1016/j.sdentj.2024.08.006.
241. LoMuzio, L.; Falaschini, S.; Rappelli, G.; Bambini, F.; Baldoni, A.; Procaccini, M.; Cingolani, M. Saliva as a Diagnostic Matrix for Drug Abuse. Int J Immunopathol Pharmacol 2005, 18, 567–573, doi:10.1177/039463200501800317.
242. Storr, M. (Therapy of gastroesophageal reflux disease (GERD)). Med Monatsschr Pharm 2011, 34, 446–454; quiz 455–456.
243. Updates in Association of Gastroesophageal Reflux Disease and Dental Erosion: Systematic Review - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/33571021/ (accessed on 27 June 2024).
244. Rodriguez, A.; Maniaci, A.; Vaira, L.A.; Saussez, S.; Lechien, J.R. Xerostomia, Sticky Saliva and Dysphonia. Eur Arch Otorhinolaryngol 2023, 280, 5147–5148, doi:10.1007/s00405-023-08171-x.
245. Gaddey, H.L. Oral Manifestations of Systemic Disease. Gen Dent 2017, 65, 23–29.
246. Oral Soft Tissue Disorders Are Associated with Gastroesophageal Reflux Disease: Retrospective Study - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/28784097/ (accessed on 27 June 2024).
247. Orofacial Complications of the Connective Tissue Disease Systemic Sclerosis - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/38779873/ (accessed on 27 June 2024).
248. Patient-Related Outcomes in Sjögren Syndrome Treated with Stimulants of Salivary Secretion: Randomized Clinical Trial - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/31814226/ (accessed on 4 January 2025).
249. Kitasako, Y.; Tanabe, T.; Koeda, M.; Momma, E.; Hoshikawa, Y.; Hoshino, S.; Kawami, N.; Ikeda, M.; Iwakiri, K. Patients with Gastroesophageal Reflux Disease (Both Reflux Oesophagitis and Non-Erosive Reflux Disease): Prevalence and Severity of Erosive Tooth Wear and Saliva Properties. J Oral Rehabil 2024, 51, 305–312, doi:10.1111/joor.13595.
250. Körner, P.; Georgis, L.; Wiedemeier, D.B.; Attin, T.; Wegehaupt, F.J. Potential of Different Fluoride Gels to Prevent Erosive Tooth Wear Caused by Gastroesophageal Reflux. BMC Oral Health 2021, 21, 183, doi:10.1186/s12903-021-01548-6.
251. Linnett, V.; Seow, W.K.; Connor, F.; Shepherd, R. Oral Health of Children with Gastro-Esophageal Reflux Disease: A Controlled Study. Aust Dent J 2002, 47, 156–162, doi:10.1111/j.1834-7819.2002.tb00321.x.
252. Oral Health Status, Salivary Factors and Microbial Analysis in Patients with Active Gastro-Oesophageal Reflux Disease - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/21851356/ (accessed on 27 June 2024).
253. Preetha, A.; Sujatha, D.; Patil, B.A.; Hegde, S. Oral Manifestations in Gastroesophageal Reflux Disease. Gen Dent 2015, 63, e27-31.
254. Di Fede, O.; Di Liberto, C.; Di Nicola, F.; Giannone, N.; Occhipinti, G.; Lo Muzio, L.; Campisi, G. (Oral manifestations in gastroesophageal reflux disease). Recenti Prog Med 2005, 96, 445–451.
255. Di Fede, O.; Di Liberto, C.; Occhipinti, G.; Vigneri, S.; Lo Russo, L.; Fedele, S.; Lo Muzio, L.; Campisi, G. Oral Manifestations in Patients with Gastro-Oesophageal Reflux Disease: A Single-Center Case-Control Study. J Oral Pathol Med 2008, 37, 336–340, doi:10.1111/j.1600-0714.2008.00646.x.
256. Wilkins, R.G. Long-Term Provisional Bonded Composite Restorations Make Full-Mouth Rehabilitation Possible. Compend Contin Educ Dent 2016, 37, 326–331.
257. Wilder-Smith, C.H.; Materna, A.; Martig, L.; Lussi, A. Longitudinal Study of Gastroesophageal Reflux and Erosive Tooth Wear. BMC Gastroenterol 2017, 17, 113, doi:10.1186/s12876-017-0670-1.
258. Methods for Monitoring Erosion Using Optical Coherence

Tomography - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/24465117/ (accessed on 4 January 2025).
259. Monitoring the Inhibition of Erosion by a CO2 Laser with OCT - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/24817804/ (accessed on 4 January 2025).
260. Meurman, J.H.; Toskala, J.; Nuutinen, P.; Klemetti, E. Oral and Dental Manifestations in Gastroesophageal Reflux Disease. Oral Surg Oral Med Oral Pathol 1994, 78, 583–589, doi:10.1016/0030-4220(94)90168-6.
261. Self-Reported Halitosis and Gastro-Esophageal Reflux Disease in the General Population - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/18196351/ (accessed on 27 June 2024).
262. Lim, K.G.; Morgenthaler, T.I.; Katzka, D.A. Sleep and Nocturnal Gastroesophageal Reflux: An Update. Chest 2018, 154, 963–971, doi:10.1016/j.chest.2018.05.030.
263. Yuan, L.; Tang, D.; Peng, J.; Qu, N.; Yue, C.; Wang, F. (Study on lifestyle in patients with gastroesophageal reflux disease). Zhong Nan Da Xue Xue Bao Yi Xue Ban 2017, 42, 558–564, doi:10.11817/j.issn.1672-7347.2017.05.013.
264. Moazzez, R.; Bartlett, D.; Anggiansah, A. The Effect of Chewing Sugar-Free Gum on Gastro-Esophageal Reflux. J Dent Res 2005, 84, 1062–1065, doi:10.1177/154405910508401118.
265. The Use of Fluoride for the Prevention of Dental Erosion and Erosive Tooth Wear in Children and Adolescents - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/30762211/ (accessed on 27 June 2024).
266. Fujiwara, Y.; Arakawa, T.; Fass, R. Gastroesophageal Reflux Disease and Sleep. Gastroenterol Clin North Am 2013, 42, 57–70, doi:10.1016/j.gtc.2012.11.011.
267. Gastroesophageal Reflux Disease and Tooth Erosion - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/22194748/ (accessed on 4 January 2025).
268. Raibrown, A.; Giblin, L.J.; Boyd, L.D.; Perry, K. Gastroesophageal Reflux Disease Symptom Screening in a Dental Setting. J Dent Hyg 2017, 91, 44–48.
269. Marsicano, J.A.; de Moura-Grec, P.G.; Bonato, R.C.S.; Sales-Peres, M. de C.; Sales-Peres, A.; Sales-Peres, S.H. de C. Gastroesophageal Reflux, Dental Erosion, and Halitosis in Epidemiological Surveys: A Systematic Review. Eur J Gastroenterol Hepatol 2013, 25, 135–141, doi:10.1097/MEG.0b013e32835ae8f7.
270. Hegar, B.; Vandenplas, Y. Gastroesophageal Reflux: Natural Evolution, Diagnostic Approach and Treatment. Turk J Pediatr 2013, 55, 1–7.
271. Moshkowitz, M.; Horowitz, N.; Leshno, M.; Halpern, Z. Halitosis and Gastroesophageal Reflux Disease: A Possible Association. Oral Dis 2007, 13, 581–585, doi:10.1111/j.1601-0825.2006.01341.x.
272. Reflex Gastroesophageal Disorders and Functional Dyspepsia: Potential Confounding Variables for the Progression of Chronic Periodontitis: A Clinical Study - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/33088466/ (accessed on 27 June 2024).
273. Moawad, F.J.; Betteridge, J.D.; Boger, J.A.; Cheng, F.-K.F.; Belle, L.S.; Chen, Y.-J.; Maydonovitch, C.L.; Wong, R.K.H. Reflux Episodes Detected by Impedance in Patients on and off Esomeprazole: A Randomised Double-Blinded Placebo-Controlled Crossover Study. Aliment Pharmacol Ther 2013, 37, 1011–1018, doi:10.1111/apt.12301.
274. Katz, P.O. Reflux Monitoring in Lung Disease: Is There a Better Metric than Esophageal Acid Exposure Time? Am J Gastroenterol 2022, 117, 403–404, doi:10.14309/ajg.0000000000001651.
275. Risk Factors Associated with Oral Manifestations and Oral Health Impact of Gastro-Oesophageal Reflux Disease: A Multicentre, Cross-Sectional Study in Pakistan - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/30928919/ (accessed on 27 June 2024).
276. Taraszewska, A. Risk Factors for Gastroesophageal Reflux Disease Symptoms Related to Lifestyle and Diet. Rocz Panstw Zakl Hig 2021, 72, 21–28, doi:10.32394/rpzh.2021.0145.
277. Vaezi, M.F. Extraesophageal Manifestations of Gastroesophageal Reflux Disease. Clin Cornerstone 2003, 5, 32–38; discussion 39-40, doi:10.1016/s1098-3597(03)90097-4.
278. Sambunjak, D.; Nickerson, J.W.; Poklepovic, T.; Johnson, T.M.; Imai, P.; Tugwell, P.; Worthington, H.V. Flossing for the Management of Periodontal Diseases and Dental Caries in Adults. Cochrane Database Syst Rev 2011, CD008829, doi:10.1002/14651858.CD008829.pub2.
279. Herdiana, Y. Functional Food in Relation to Gastroesophageal Reflux Disease (GERD). Nutrients 2023, 15, 3583, doi:10.3390/nu15163583.
280. Maret-Ouda, J.; Markar, S.R.; Lagergren, J. Gastroesophageal Reflux Disease. JAMA 2020, 324, 2565, doi:10.1001/jama.2020.21573.
281. Mahajan, R.; Kulkarni, R.; Stoopler, E.T. Gastroesophageal Reflux Disease and Oral Health: A Narrative Review. Spec Care Dentist 2022, 42, 555–564, doi:10.1111/scd.12726.
282. Predictors of Non-Carious Loss of Cervical Tooth Tissues - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/16536198/ (accessed on 4 January 2025).
283. Chatzidimitriou, K.; Papaioannou, W.; Seremidi, K.; Bougioukas, K.; Haidich, A.-B. Prevalence and Association of Gastroesophageal Reflux Disease and Dental Erosion: An Overview of Reviews. J Dent 2023, 133, 104520, doi:10.1016/j.jdent.2023.104520.
284. Lim, S.N.; Tay, K.J.; Li, H.; Tan, K.B.C.; Tan, K. Prevalence and Risk Factors of Erosive Tooth Wear among Young Adults in the Singapore Military. Clin Oral Investig 2022, 26, 6129–6137, doi:10.1007/s00784-022-04562-2.
285. Progression of Erosive Lesions after Nd:YAG Laser and Fluoride Using Optical Coherence Tomography - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/27640001/ (accessed on 4 January 2025).
286. Wilder-Smith, C.H.; Wilder-Smith, P.; Kawakami-Wong, H.; Voronets, J.; Osann, K.; Lussi, A. Quantification of Dental Erosions in Patients with GERD Using Optical Coherence Tomography before and after Double-Blind, Randomized Treatment with Esomeprazole or Placebo. Am J Gastroenterol 2009, 104, 2788–2795, doi:10.1038/ajg.2009.441.
287. Effects of Gustatory Stimulants of Salivary Secretion on Salivary pH and Flow in Patients with Sjögren's Syndrome: A Randomized Controlled Trial - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/21481003/ (accessed on 4 January 2025).
288. Nandurkar, S.; Talley, N.J. Epidemiology and Natural History of Reflux Disease. Baillieres Best Pract Res Clin Gastroenterol 2000, 14, 743–757, doi:10.1053/bega.2000.0122.
289. Pandolfo, N.; Spigno, L.; Guiddo, G.; Ughè, M.; Tronfi, G. (Esophago-gastro-intestinal manometry: study methods and potential clinical applications). Minerva Chir 1991, 46, 63–70.
290. Broliato, G.A.; Volcato, D.B.; Reston, E.G.; Kramer, P.F.; Marquezan, M.; Ruzzarin, F.; Spiguel, M.H. Esthetic and Functional Dental Rehabilitation in a Patient with Gastroesophageal Reflux. Quintessence Int 2008, 39, 131–137.
291. Hom, C.; Vaezi, M.F. Extra-Esophageal Manifestations of Gastroesophageal Reflux Disease: Diagnosis and Treatment. Drugs 2013, 73, 1281–1295, doi:10.1007/s40265-013-0101-8.
292. Schroeder, P.L.; Filler, S.J.; Ramirez, B.; Lazarchik, D.A.; Vaezi, M.F.; Richter, J.E. Dental Erosion and Acid Reflux Disease. Ann Intern Med 1995, 122, 809–815, doi:10.7326/0003-4819-122-11-199506010-00001.
293. (Dental Erosion and Gastro-Esophageal Reflux Disease) - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/17444130/ (accessed on 27 June 2024).
294. (Dental Erosions in Patients with Gastroesophageal Reflux Disease in National Hospital Arzobispo Loayza) - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/23307083/ (accessed on 4 January 2025).
295. El-Serag, H.B.; Satia, J.A.; Rabeneck, L. Dietary Intake and the Risk of Gastro-Oesophageal Reflux Disease: A Cross Sectional Study in Volunteers. Gut 2005, 54, 11–17, doi:10.1136/gut.2004.040337.
296. Effectiveness of Salivary Stimulation Using Xylitol-Malic

Acid Tablets as Coadjuvant Treatment in Patients with Gastro-Oesophageal Reflux Disease: Early Findings - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/33037808/ (accessed on 4 January 2025).
297. Machado, A.; Sakae, L.; Niemeyer, S.H.; Carvalho, T.S.; Amaechi, B.; Scaramucci, T. Anti-Erosive Effect of Rinsing before or after Toothbrushing with a Fluoride/Stannous Ions Solution: An in Situ Investigation: Application Order of Fluoride/Tin Products for Erosive Tooth Wear. J Dent 2020, 101, 103450, doi:10.1016/j.jdent.2020.103450.
298. Lee, H.-J.; Kim, H.M.; Kim, N.; Oh, J.C.; Jo, H.J.; Lee, J.-T.; Chang, H.-Y.; Chang, N.-H.; Ahn, S.; Lee, J.-Y. Association between Halitosis Diagnosed by a Questionnaire and Halimeter and Symptoms of Gastroesophageal Reflux Disease. J Neurogastroenterol Motil 2014, 20, 483–490, doi:10.5056/jnm14052.
299. Association of Diet and Lifestyle With the Risk of Gastroesophageal Reflux Disease Symptoms in US Women - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/33393976/ (accessed on 27 June 2024).
300. Characterization of Dynamic Process of Carious and Erosive Demineralization - an Overview - PubMed Available online: https://pubmed.ncbi.nlm.nih.gov/36506627/ (accessed on 4 January 2025).
301. Dundar, A.; Sengun, A. Dental Approach to Erosive Tooth Wear in Gastroesophageal Reflux Disease. Afr Health Sci 2014, 14, 481–486, doi:10.4314/ahs.v14i2.28.
302. Lee, R.J.; Aminian, A.; Brunton, P. Dental Complications of Gastro-Oesophageal Reflux Disease: Guidance for Physicians. Intern Med J 2017, 47, 619–623, doi:10.1111/imj.13249.