

## Curriculum Vitae Prof. Dr. Gianrico Spagnuolo

School of Dentistry

Department of Neuroscience, Reproductive and Odontostomatological Sciences

University of Naples "Federico II" - Italy

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Dr. Gianrico Spagnuolo received a D.D.S. degree at University of Naples "Federico II" in 1997. He completed his Ph.D. in Dental Materials Biotechnology in 2002 and earned a post-doctoral fellowship in 2002-2004. In 2003 he had been Visiting Assistant Professor at Department of Operative Dentistry and Periodontology at University of Regensburg (Germany) and from 2006-2014 was Adjunct Scientist at same Dental School. From 2007 to 2008 he was associate researcher at Interdisciplinary Research Centre on Biomaterials (CRIB) - University of Naples "Federico II". In 2011 he completed the three-year postgraduate program in Oral Surgery at the University of Naples "Federico II".

Currently, he is Professor at School of Dentistry - University of Naples "Federico II", being actively involved in the faculty activities of Endodontics, Operative Dentistry and Oral Surgery operative units. Prof. Dr. Spagnuolo research interests are focused on the interaction between cell-tissue-materials at molecular and clinical levels. Recently, he has increased his interest towards the research on stem cells, specifically on dental-derived MSCs, obtaining achievements published on well-ranked journals and obtaining also important research grants from both public bodies public bodies and private companies. He joined the IADR from 2000 (Continental European Division - CED) and he was involved in several IADR committees. Actually, he is Councilors and he is elected Vice-President of the Stem Cell Biology Group, paying hard commitment towards the interaction among the Scientific Group and its members.

Prof. Gianrico Spagnuolo has published more than 150 articles in impacted scientific journals and he is Academic Editor of several indexed journals.

### Metrics updated on 01/05/2022:

*Scopus Author ID 7003679853*: H-index = 35/ Total Citations = 3382

*Google Scholars*: H-index=39/ i10-index= 75 / Total Citations=5154

<https://www.scopus.com/authid/detail.uri?authorId=7003679853>

<https://publons.com/researcher/1360367/gianrico-spagnuolo/>

[https://www.researchgate.net/profile/Gianrico\\_Spagnuolo](https://www.researchgate.net/profile/Gianrico_Spagnuolo)

### Academic Position

Associate Professor: MED 28- 06/F1 – Oral Sciences

Department of Neuroscience, Reproductive and Odontostomatological Sciences

University of Naples "Federico II" - Italy

### Biosketch

- Degree in Dentistry - University of Naples "Federico II" (1997)
- PhD in Dental Materials Biotechnology - University of Naples "Federico II" (1998-2001)
- Fellowship (2002-2004) - SSD MED/28 - University of Naples "Federico II"
- Visiting Assistant Professor, School of Dentistry, University of Regensburg (Germany) (2003-2004)
- Fellowship – Research Center on Biomaterials - University of Naples "Federico II" (2007-2008)
- Postgraduate in Oral Surgery- University of Naples "Federico II" (2008-2011)
- Adjunct Research Scientist, School of Dentistry, University of Regensburg (Germany) (2006-2014)
- Visiting Scientist – Tecnologica Research Institute (KR – Italy)
- Professor of Operative Dentistry at I. M. Sechenov First Moscow State Medical University, Institute of Dentistry, Moscow, Russia (06/2018 – 12/2021)
- Fellowship (2012-2013) - SSD MED 28 - University of Naples "Federico II"
- Grant PRIN 2003, 2005, 2007, 2008, 2009
- Deutsche Forschungsgemeinschaft, German Research Foundation (DFG) grant no. Schw 431/11-1 May 2006 – April 2009
- Deutsche Forschungsgemeinschaft, German Research Foundation (DFG) grant no. Schw 431/13-1 July 2010 – June 2013

- Clinical Tutor in Operative Dentistry and Endodontic (2002-2004 / 2012-2013) and Oral Surgery (2009-2011) - University of Naples "Federico II".

- **National Italian Qualification for Associate Professor- SSD 06/F1** (01/2014 - 01/2020)

- **National Italian Qualification for Full Professor - SSD 06/F1** (12/2014–12/2020 and 09/2018-09/2027)

- **National Italian Qualification for Full Professor - SSD 06/N1** (01/2022 - 01/2031)

- Professor at Post Graduate program in Oral Surgery, School of Medicine - University of Napoli "Federico II" (a.a 2014-2015)

- Professor at Post Graduate program in Oral Surgery, School of Medicine - University of Napoli "Federico II" (a.a 2015-2016)

- Assistant Professor (RTD B 06/F1), School of Dentistry, University of Napoli "Federico II" (2016 – 2019).

- Associate Professor (06/F1), School of Dentistry, University of Napoli "Federico II" (2019 – present).

## Grant

- *Progetto POR Campania FESR 2014/2020 D.D. n°228 del 29/12/2016, dal Titolo: "Sviluppo di nanotecnologie orientate alla rigenerazione e ricostruzione tissutale, implantologica e sensoristica in odontoiatria/oculistica - SORRISO", dal 29/12/2016 - present.*

- Co-investigator nell'ambito del *Progetto "ZEUSI - customiZEd prodUcts applied to innovative proceSses in regenerative and reconstructIve surgery of maxillofacial region"* - codice identificativo *MISE F/050160/00/X32*, dal 2017-2019

- Basic Research Grant ANVUR 2017 - Fondo per il finanziamento delle attività base di ricerca (*bando FFARB-ANVUR 2017*)

- *Mechanismen der durch dentale Monomere induzierten Apoptose - Mechanisms of apoptosis induced be dental monomers - Deutsche Forschungsgemeinschaft, German Research Foundation (DFG) grant no. Schw 431/13-1 July 2010 – June 2013 (Coordinatore Unità)*

- *Molekulare Toxikologie von Monomeren zahnärztlicher Komposite - Molecular toxicology of monomer of dental resin composites - Deutsche Forschungsgemeinschaft, German Research Foundation (DFG) grant no. Schw 431/11-1 May 2006 – April 2009 (Coordinatore Unità)*

- Programma Operativo Nazionale, Ricerca e Competitività 2007-2013: Progetto "Sorriso" – Università si Napoli "Federico II" (Bando 2010 - PON03\_01209)

- PRIN 2009: Caratterizzazione della risposta di cellule mesenchimali staminali a superfici nanostrutturate. (20098KM9RN\_004 ) ( unità operativa Prof. M. Simeone – Università di Napoli "Federico II").

- PRIN 2008: Analisi della cross-correlazione tra dolore cronico e fattori climatici. (20088FJFBL\_001) (Prof.ssa A. Michelotti – Università di Napoli "Federico II).

- PRIN 2007: Caratterizzazione biologica e morfologica di scaffold a base di PCL/TiO2 e PCL/ZrO2 (20072L2KRX\_001) (Prof. S. Rengo – Università di Napoli "Federico II).

- PRIN 2007: Utilizzo di microtomografia a raggi X e microscopia a forza atomica per l'analisi interna e superficiale di scaffold ingegnerizzati con cellule staminali mesenchimali. (2007M9YTFJ\_003) (unità operativa Prof. M. Simeone – Università di Napoli "Federico II").

- PRIN 2005: Biointerfacce in odontoiatria conservatrice:analisi con innovative tecniche di indagine di nuovi materiali. (2005062309\_003) (Prof. M. Amato - Università di Napoli "Federico II").

- PRIN 2003: Università di Napoli "Federico II" - Prof. E.V Avvedimento "Trasduzione dei segnali cAMP e Ras nel controllo della crescita e della sopravvivenza cellulare"

- Project Title: "Comparazione dei valori di adesione di differenti adesivi dentali self-etching". committed by KURARAY dal 01-03-2010 al 01-01-2012

- Project Title: " Randomized controlled clinical trial on the efficacy of Teethmate Desensitizer" committed by KURARAY dal 01-12-2013 al 01-12-2014

- Project Title: "Retro-Engineered Dental-Follicle-Precursor-Cells Enhance In-Vitro Osteogenic Commitment And Improve Bone Repair" - committed by TECNOLOGICA s.r.l dal 01-01-2016 a 01-01-2021

- "Tecnologie abilitanti per la sintesi eco-sostenibile di nuovi materiali per la restaurativa dentale",

con codice unico progetto (CUP) B93D18000350007, presentato a valere sul Bando POR CAMPANIA

FESR 2014/2020 Asse Prioritario 1 "Ricerca e Innovazione" Avviso pubblico per il sostegno alle

imprese campane nella realizzazione di studi di fattibilità (Fase 1) e progetti di trasferimento

tecnologico (Fase 2) coerenti con la RIS3, emanate con D.D. n. 198 del 21/05/2018.

- POR CAMPANIA FESR 2014/2020 Asse Prioritario 1 "Ricerca e Innovazione" Avviso pubblico per il sostegno alle imprese campane nella realizzazione di studi di fattibilità (Fase 1) e progetti di trasferimento tecnologico (Fase 2) coerenti con la RIS3, emanate con D.D. n. 198 del 21/05/2018 – Attività di Sviluppo Sperimentale nell'Ambito del Progetto CUP B93D18000350007

- Study Phase : 2. IND Number: 122790. Monitored by Syneos Health. Insmcd. - " A randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-center Study to Assess the Efficacy, Safety and Tolerability, and Pharmacokinetics of INS1007 administered Once Daily for 24 Weeks in Subjects with Non-Cystic Fibrosi Bronchiectasis- The Willow Study"

- Ministero de Ciencia, Innovación y Universidades (PID2020-120346GB-I00) and Universidad CEU-Cardenal Herrera (Programa FUSP CEU-Santander 2019-2020)  
“Materiales Dentales Biointeractivos Innovadores con Propiedades Reparadoras y Antimicrobianas”

### Patents

Patent - Brevetto Industriale “Aspiratore odontoiatrico per riduzione di aerosol - Dental Office Aspirator for aerosol reduction”- classificazione A-61-B-01-D-46. Domanda numero: 102020000013018 del 01/06/2020

Patent - Brevetto Industriale “ Fixture implantare per la rilevazione precoce di stati patologici di perimplantite o di mucosite perimplantare” - Domanda numero: 102021000009875 del 19/04/2021

### Prizes and Award

- 1<sup>st</sup> Price Post-doctoral **Robert Frank Award** (CED/NOF/ID of IADR meeting in Istanbul, Turkey, 2004).
- **IADR / Unilever Division Travel Award** (83<sup>rd</sup> General Session of IADR in Baltimore, 2005).
- 1<sup>st</sup> Price **Robert Frank Award** Junior-category (CED of IADR meeting in Amsterdam, Holland, 2005).
- **IADR / Unilever Division Travel Award** (84<sup>th</sup> General Session of IADR in Brisbane, 2006).
- **IADR / Unilever Hatton Award** Junior-Category (84<sup>th</sup> General Session of IADR in Brisbane, 2006).
- 2<sup>nd</sup> Price **Senior Robert Frank Award Basic Sciences** (4<sup>th</sup> Meeting of Pan European Federation of IADR in London, England, 2008).
- 1<sup>st</sup> Price **Robert Frank Award** Junior-category (CED of IADR Meeting in Munich, Germany, 2009).
- 1<sup>st</sup> Price “**Premio Garberoglio**” (National Meeting of Società Italiana di Endodonzia, Verona 2006, Italia).
- 1<sup>st</sup> Price “**Premio Collegio dei Docenti**” – sez. Endodonzia (National Meeting Collegio dei Docenti 2007, Roma).
- 1<sup>st</sup> Price “**Premio Collegio dei Docenti**” – sez. Parodontologia (National Meeting Collegio dei Docenti 2008, Roma).
- 1<sup>st</sup> Price “**Premio Poster Società Italiana di Endodonzia**” (National Meeting SIE 2009).
- Menzione “**Poster Collegio dei Docenti**” – (National Meeting Collegio dei Docenti 2014, Roma).
- Menzione “**Poster Collegio dei Docenti**” – (National Meeting Collegio dei Docenti 2016, Roma).
- 1<sup>st</sup> Price “**Premio Garberoglio**” (National Meeting of Società Italiana di Endodonzia, Bologna 2017, Italia).
- 1<sup>st</sup> Price **Robert Frank Award Senior** (CED of IADR meeting in Vienna, Austria, 2017).
- **IADR / Unilever Division Travel Award** (84<sup>th</sup> General Session of IADR in London, 2018).
- **National Italian Qualification for Full Professor - SSD 06/N1** (01/2022 - 01/2031).
- **National Italian Qualification for Associate Professor - SSD 06/F1** (01/2014 - 01/2020).
- **National Italian Qualification for Full Professor - SSD 06/F1** (12/2014–12/2020 and 09/2018-09/2027).

### Editing

Journal of Dental Research (*Editorial Board -2022 -present*)

Journal of Clinical Medicine (*Editor in Chief Section - Stomatology*)

Applied Sciences (*Editor in Chief Section - Applied Dentistry*)

Dentistry Journal (*Editor in Chief Section - Dental Materials*)

International Journal of Environmental Research and Public Health (*Editor in Chief Section - Oral Health*)

Materials (*Associate Editor in Chief - Biomaterials*)

European Endodontic Journal (*Associate Editor*)

Minerva Stomatologica (*Associate Editor*)

Giornale Italiano di Endodonzia (*Associate Editor*)

Current Research in Dentistry (*Editor in Chief*)

Frontiers in Dental Medicine (*Associate Editor - Section Dental Materials*)

Frontiers in Bioscience-Landmark (*Editorial Board*)

International Journal of Dentistry (*Editorial Board*)

Case Reports in Dentistry (*Editorial Board*)

Biomed Research International (*Editorial Board*)

Prosthesis (*Editorial Board*)

Journal of International Society of Preventive and Community Dentistry (*Editorial Board*)

Journal of Orthodontics and Endodontics (*Editorial Board*)

International Journal of Dentistry and Oral Science (*Editorial Board*)

*Guest Editor* - Spec Issue "Exosome in Oral Medicine" in *Frontiers in Physiology*

*Guest Editor* - Spec Issue "Current and Future Trends in Dental Materials" in *Materials*

*Guest Editor* - Spec Issue "Oral Hygiene and Biofilms in Orthodontics" in *Dentistry Journal*

*Guest Editor* - Spec Issue "Restorative Materials in the Digital Workflow: Innovative Trends to Join Esthetics and Biomechanics" in *Dentistry Journal*

*Guest Editor* - Spec Issue "Dental Ceramics and Metal-Free Materials in The Digital Workflow" in *Dentistry Journal*

*Guest Editor* - Spec Issue "Perio-Inflammation in Auto-Antibodies and T-Cell Mediated Oro-Pharyngeal Mucositis" in *Journal of Clinical Medicine*

*Guest Editor* - Spec Issue "Advanced Progress in the Morphology and Surface of Dental Implant in Materials" in *Materials*

*Guest Editor* - Spec Issue "Social Determinants in Oral Health" in *International Journal of Environmental Research and Public Health*

*Guest Editor* - Spec Issue "10th Anniversary of Applied Sciences Invited Papers in Applied Dentistry Section" in *Applied Sciences*

*Guest Editor* - Spec Issue "Oral Health for Special Needs, Compromised and Elderly Patients" in *Journal of Clinical Medicine*

*Guest Editor* - Spec Issue "Oral and Public Health 2021" in *International Journal of Environmental Research and Public Health*

*Guest Editor* - Spec Issue "The Impact of COVID-19 on Dentistry and Oral Health: A Global Perspective" in *International Journal of Environmental Research and Public Health*

*Topical Collection* in *Dentistry Journal*: Novel Ceramic Materials in Dentistry

## **Reviewing**

Journal of Dental Research

Dental Materials

Journal of Dentistry

Neuroscience

European Journal of Oral Sciences

Clinical Oral Investigation

Journal Adhesive Dentistry

International Endodontic Journal

Biomaterials

Acta Biomaterialia

Acta Biochimica et Biophysica Sinica

Applied Microbiology

International Journal of Dentistry

Case Reports in Dentistry

International Journal of Molecular Sciences

Mutation Research

The Open Dentistry Journal

World Journal of Stomatology

Journal of Biomaterials Applications

Journal of Biomedical Materials Research: Part A

British Journal of Medicine and Medical Research

BMC Oral Health  
Dental Materials  
Oral Science International  
Cell Biology International  
Journal of Molecular and Genetic Medicine  
BioMed Research International  
European Endodontic Journal  
Odontology  
Applied Sciences  
Materials  
Journal of Clinical Medicine  
International Journal of Dentistry  
Journal of Applied Biomaterials & Functional Materials

### **Scientific Association and Committee**

- Member of International Association for Dental Research from 2000 (Continental European Division of IADR – Stem Cell Biology, Pulp Biology & Dental Materials, Oral Health Research, Clinical and Translational Science Network, Cariology research Group)
- Member of SIE (Società Italiana di Endodonzia) and SIDOC (Società Italiana di Odontoiatria Conservativa)
- International Society of Preventive and Community Dentistry (ISPCD)
- Member of REPRIS-MIUR Committee (2019-present)
- 2021 IADR/AADR/CADR Group Program Chair
- Member of IADR/AADR William J. Gies Award Committee (2019-2022)
- IADR Membership & Recruitment Committee (2020-2023)
- IADR AADR Award Fellowship Grant Recipient Application and Selection Procedures (2020-2022)
- IADR Fellowships Committee – Chair (6/25/2022 - 6/24/2023)
- Councilor of IADR – Stem Cell Biology Group (2020- present)
- Vice-President of IADR – Stem Cell Biology Group (from June 2022)

### **Teaching**

Committee member at Ph.D programme in "Bioengineering Applied to Medical Sciences" at Università degli Studi di MESSINA, Italy (2021/2022 - Ciclo: 37)

Committee for the Comparative Evaluation of the Instances at School of Medicine "Federico II" (D.R. n. 3422 del 26/10/2020).

Director of Post graduate course in "Endodontics" - Università degli Studi di Napoli "Federico II". (2021-2022)

Responsible for International Relations at Department of Neurosciences, Reproductive and Odontostomatological Sciences - University of Naples "Federico II" (2021 – present)

Programme of Preventive Dentistry at School of Dentistry of Università degli Studi di Napoli "Federico II". A.A. 2016/2017, 2017/2018, 2018/2019, 2019-present.

Programme of Endodontics at School of Dentistry - Università degli Studi di Napoli "Federico II". A.A. 2016/2017, 2017/2018, 2018/2019, 2019-present.

Programme of Operative Dentistry at School of Dentistry of Università degli Studi di Napoli "Federico II". A.A. 2016/2017, 2017/2018, 2018/2019, 2019-present.

Programme of Operative Dentistry and Endodontics at Dental Hygiene Undergraduate Course at Università degli Studi di Napoli "Federico II". A.A. 2016/2017, 2017/2018, 2018/2019, 2019-present.

Programme of Oral Hygiene at Dental Hygiene Undergraduate Course at Università degli Studi di Napoli "Federico II". A.A. 2016/2017, 2017/2018, 2018/2019, 2019-present.

Member of Scientific Committee at Dipartimento di Neuroscienze, Scienze Riproduttive e Odontostomatologiche dell'Università degli Studi di Napoli "Federico II" 2017 - 2019

Professor of Operative Dentistry at I. M. Sechenov First Moscow State Medical University, Institute of Dentistry, Moscow, Russia (2018- 2021)  
Visiting Assistant Professor, School of Dentistry, University of Regensburg (Germany) dal 01-01-2003 al 01-12-2003  
Clinical Researcher at School of Dentistry, University of Regensburg (Germany) dal 01-01-2006 al 01-01-2012  
Adjunct Research Scientist, School of Dentistry, University of Regensburg (Germany) dal 01-02-2006 al 01-01-2014  
Committee Member of Dental School Undergraduate Course at Università di Napoli "Federico II" (2016 –present)  
Member of student evaluation committee for Dental School and Dental Hygiene Undergraduate Course at Università di Napoli "Federico II". (2016- Present)  
Professor at Post Graduate program in Oral Surgery, School of Medicine - University of Napoli "Federico II" (a.a 2014-2015)  
Professor at Post Graduate program in Oral Surgery, School of Medicine - University of Napoli "Federico II" (a.a 2015-2016)  
Teaching and Tutor at PhD Programme in "Dental Sciences" at Università di Napoli "Federico II" (Coordinator Prof. Sandro Rengo) dal 01-01-2003 al 01-01-2008

#### Meeting and Conference Committees

- 1st International Electronic Conference on Applied Sciences (10/11/2020-30/11/2020) Conference Committee and Session Chair
- 2nd International Electronic Conference on Applied Sciences (15/10/2021-31/10/2021) - Conference Committee and Session Chair
- The 1st International Electronic Conference on Clinical Medicine (15/09/2021-30/09/2021) - Conference Committee and Session Chair
- The 3rd International Electronic Conference on Environmental Research and Public Health -Public Health Issues in the Context of the COVID-19 Pandemic (11/01/2021-25/01/2021) - Conference Committee and Session Chair
- 2021 International Conference on Materials: Advanced and Emerging Materials (21/11/2021-24/11/2021) Conference Committee
- The 1st International Electronic Conference on Clinical Medicine (15/09/2021-30/09/2021) - Invited Speaker
- 2021 IADR/AADR/CADR Group Program Chair ( <https://www.iadr.org/2021iags> )

#### International original paper

1. Spagnuolo, G. (2022). Bioactive Dental Materials: The Current Status. *Materials*, 15(6), 2016. <https://doi.org/10.3390/ma15062016>
2. Sycińska-Dziarnowska, M., Szyszka-Sommerfeld, L., Woźniak, K., Lindauer, S. J., & Spagnuolo, G. (2022). Predicting Interest in Orthodontic Aligners: A Google Trends Data Analysis. *International Journal of Environmental Research and Public Health*, 19(5), 3105. <https://doi.org/10.3390/ijerph19053105>
3. Moaddabi, A., Soltani, P., Rengo, C., Molaei, S., Mousavi, S. J., Mehdizadeh, M., & Spagnuolo, G. (2022). Comparison of antimicrobial and wound-healing effects of silver nanoparticle and chlorhexidine mouthwashes: an in vivo study in rabbits. *Odontology*. <https://doi.org/10.1007/s10266-022-00690-z>
4. Ferreira, M. B., Pereira, N. A. M., Marto, C. M., Cardoso, M., Amaro, I., Coelho, A., Saraiva, J., Spagnuolo, G., Marques Ferreira, M., Piñeiro, M., Pinho e Melo, T. M. V. D., Botelho, M. F., Carrilho, E., Paula, A., & Laranjo, M. (2022). Isolation and Identification of Cytotoxic Compounds Present in Biomaterial Life®. *Materials*, 15(3), 871. <https://doi.org/10.3390/ma15030871>
5. Szyszka-Sommerfeld, L., Sycińska-Dziarnowska, M., Machoy, M., Wilczyński, S., Maglito, M., Cernera, M., Spagnuolo, G., & Woźniak, K. (2022). Electromyographic Study of Masticatory Muscle Function in Children with Down Syndrome. *Journal of Clinical Medicine*, 11(3), 506. <https://doi.org/10.3390/jcm11030506>
6. De Santis, R., Iaculli, F., Lodato, V., Gallicchio, V., Simeone, M., Spagnuolo, G., & Rengo, C. (2022). The Efficacy of Selected Sodium Hypochlorite Heating Methods for Increasing and Maintaining Its Intracanal Temperature—An Ex Vivo Study. *Applied Sciences*, 12(2), 891. <https://doi.org/10.3390/app12020891>
7. Sycińska-Dziarnowska, M., Szyszka-Sommerfeld, L., Kloda, K., Simeone, M., Woźniak, K., & Spagnuolo, G. (2021). Mental Health Interest and Its Prediction during the COVID-19 Pandemic Using Google Trends. *International Journal of Environmental Research and Public Health*, 18(23), 12369. <https://doi.org/10.3390/ijerph182312369>
8. Szyszka-Sommerfeld, L., Sycińska-Dziarnowska, M., Woźniak, K., Machoy, M., Wilczyński, S., Turkina, A., & Spagnuolo, G. (2021). The Electrical Activity of the Orbicularis Oris Muscle in Children with Down Syndrome—A Preliminary Study. *Journal of Clinical Medicine*, 10(23), 5611. <https://doi.org/10.3390/jcm10235611>

9. Cantile, T., Coppola, N., Caponio, V. C. A., Russo, D., Buccì, P., Spagnuolo, G., Mignogna, M. D., & Leuci, S. (2021). Oral Mucosa and Nails in Genodermatoses: A Diagnostic Challenge. *Journal of Clinical Medicine*, *10*(22), 5404. <https://doi.org/10.3390/jcm10225404>
10. Abdinian, M., Katiraei, M., Zahedi, H., Rengo, C., Soltani, P., & Spagnuolo, G. (2021). Age Estimation Based on Pulp–Tooth Volume Ratio of Anterior Teeth in Cone-Beam Computed Tomographic Images in a Selected Population: A Cross-Sectional Study. *Applied Sciences*, *11*(21), 9984. <https://doi.org/10.3390/app11219984>
11. Nindra, J., Sidhu, M. S., Kochhar, A. S., Dabas, A., Valletta, R., Rongo, R., & Spagnuolo, G. (2021). Three-Dimensional Evaluation of Condyle-Glenoid Fossa Complex Following Treatment with Herbst Appliance. *Journal of Clinical Medicine*, *10*(20), 4730. <https://doi.org/10.3390/jcm10204730>
12. Soltani, P., Sami, S., Yaghini, J., Golkar, E., Riccitiello, F., & Spagnuolo, G. (2021). Application of Fractal Analysis in Detecting Trabecular Bone Changes in Periapical Radiograph of Patients with Periodontitis. *International Journal of Dentistry*, *2021*, 1–5. <https://doi.org/10.1155/2021/3221448>
13. Spagnuolo, G., Pires, P. M., Calarco, A., Peluso, G., Banerjee, A., Rengo, S., Elias Boneta, A. R., & Sauro, S. (2021). An in-vitro study investigating the effect of air-abrasion bioactive glasses on dental adhesion, cytotoxicity and odontogenic gene expression. *Dental Materials*. <https://doi.org/10.1016/j.dental.2021.09.004>
14. Badr, C., Spagnuolo, G., Amenta, F., Khairallah, C., Mahdi, S. S., Daher, E., Battinini, G., Baba, N. Z., Zogheib, T., Qasim, S. S. B., Daher, T., Chintalapudi, N., & Zogheib, C. M. (2021). A Two-Year Comparative Evaluation of Clinical Performance of a Nanohybrid Composite Resin to a Flowable Composite Resin. *Journal of Functional Biomaterials*, *12*(3), 51. <https://doi.org/10.3390/jfb12030051>
15. Moaddabi, A., Soltani, P., Zamanzadeh, M., Nosrati, K., Mollamirzaei, M., Cenera, M., & Spagnuolo, G. (2021). Comparison of the Effects of Articaine and Lidocaine Anesthetics on Blood Pressure after Maxillary Infiltration Technique: A Triple-Blind Randomized Clinical Trial. *International Journal of Dentistry*, *2021*, 1–4. <https://doi.org/10.1155/2021/8894160>
16. Sycinska-Dziarnowska, M., Maglito, M., Woźniak, K., & Spagnuolo, G. (2021). Oral Health and Teledentistry Interest during the COVID-19 Pandemic. *Journal of Clinical Medicine*, *10*(16), 3532. <https://doi.org/10.3390/jcm10163532>
17. Campus, G., Diaz Betancourt, M., Cagetti, M., Giacaman, R., Manton, D., Douglas, G., Carvalho, T., Carvalho, J., Vukovic, A., Cortés-Martinicorena, F., Bourgeois, D., Machiulskiene, V., Sava-Rosianu, R., Krithikadatta, J., Morozova, N. S., Acevedo, A., Agudelo-Suarez, A., Aguirre, G., Aguirre, K., ... Wolf, T. (2021). The COVID-19 pandemic and its global effects on dental practice. An international survey. *Journal of Dentistry*, 103749. <https://doi.org/10.1016/j.jdent.2021.103749>
18. Paolone, G., Scolavino, S., Gherlone, E., Spagnuolo, G., & Cantatore, G. (2021). The “Pre-Finishing” Approach in Direct Anterior Restorations. A Case Series. *Dentistry Journal*, *9*(7), 79. <https://doi.org/10.3390/dj9070079>
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