

CURRICULUM VITAE

Prof. Antonio Scarano

PERSONAL INFORMATIONS

Prof. ANTONIO SCARANO



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BIBLIOMETRIC PARAMETERS

305 papers indexed by Scopus,

8259 citations indexed by Scopus,

Most cited paper indexed by Scopus:

Scarano A, Piattelli M, Caputi S, Favero GA, Piattelli A. Bacterial adhesion on commercially pure titanium and zirconium oxide disks: an in vivo human study. J Periodontol. 2004 Feb;75(2):292-6. PubMed PMID: 15068118. (363 citations)

Total Impact Factor: 397.256

Mean Impact Factor: 1.821,6

Hirsh Index: 46

Single-author paper on IF indexed journal: 3

Papers as 1st author: 89

Papers as 2nd author: 65

Papers as last author: 26

Papers with international affiliation author: 39

Peer-Reviewed Publications (last 10 years): 140

Abstract on IF indexed journal: 196

Book chapters contribution: 22

Papers on peer-reviewed Italian journals: 88

Abstracts on Italian congress proceedings: 92

PERSONAL INFORMATIONS

Data di nascita 04/08/1966 | Nazionalità: Italiana

Luogo di nascita: San Giovanni Rotondo (FG)

EDUCATION AND QUALIFICATIONS

- 1) 1990/91 University “G. D’Annunzio” Chieti
Graduation in Dentistry Degree (vote: 110 cum laude and academic mention; Mean 107,3)
- 2) 1990/91 University “G. D’Annunzio” Chieti
Professional qualification diploma in dentistry in the second session of 1991.
- 3) 2003/2004 University “La Sapienza” Roma
Graduation in Medicine (vote: 110 cum laude Mean 108,35)
- 4) 2004 University “G. D’Annunzio” Chieti
Professional qualification diploma in medicine; vote: 257/270
- 5) 1992/94 Casa Sollievo della Sofferenza Hospital San Giovanni Rotondo
Biennial course of Bioethics applied to medicine
- 6) 1995/96 University Federico II Napoli
Diploma di Perfezionamento in IMMUNOCITOCHIMICA
- 7) 1999/2002 University “La Sapienza” Roma
Diploma di Specializzazione in CHIRURGIA ODONTOSTOMATOLOGICA 70/70
- 8) 2008/2009 University “TOR VERGATA” Roma
Diploma Master Biennale di II livello in Medicina e Chirurgia Estetica 110 cum laude
- 9) 2012-13 University “G. D’Annunzio” Chieti
Diploma di Perfezionamento in ODONTOIATRIA E PROTESI DENTARIA
- 10) 2013-14 University “G. D’Annunzio” Chieti
Diploma di Perfezionamento in MEDICINA LEGALE ODONTOSTOMATOLOGICA
- 11) 2014-15 University “G. D’Annunzio” Chieti
Diploma di Perfezionamento in PROTESI FISSA ED IMPLANTOPROTESI
- 12) 2015-16 University “G. D’Annunzio” Chieti
Diploma di Perfezionamento in ODONTOSTOMATOLOGIA DELLO SPORT
- 13) 2016-17 University “G. D’Annunzio” Chieti
Diploma di Perfezionamento in Ossigeno terapia

EMPLOYMENT AND ACADEMIC RANKS

- 1) In the academic years from 1991 to 1994, expertized assistant; chair of Dental Materials

- 2) In 1992-1993 he fulfilled the draft obligations, (vaccinator and medical emergency officer) at the Military Hospital of Bari
- 3) In the academic years from 1994 to 2002, expertized assistant; chair of Special Odontostomatological Pathology
- 4) In the academic years from 1994 to 2002 winner of a contract art 26 from the University of Chieti
- 5) From 1994 to 1995 Winner of the three-year scholarship of P.H.I. of Milan to conduct experimental studies on implant surfaces.
Compagnia P.H.I. Via Roma - 20028 San Vittore Olona (MI).
- 6) 1994 University "G. D'Annunzio" Chieti. Public award for 9 professional training grants for Specialists in biomedical technologies and their clinical applications reserved for Graduates in scientific disciplines (Winner)
- 7) 1996 University "G. D'Annunzio" Chieti. Public competition award for 6 professional training grants for Specialists in biomedical technologies and their clinical applications reserved for Graduates of Medicine or Dentistry (Winner)
- 8) 1997 Technician, Chair of Special Odontostomatological Pathology of the University of Chieti
- 9) 2002 University "G. D'Annunzio" Chieti. Researcher /Med 28
- 10) 2006 University "G. D'Annunzio" Chieti. Confirmed Researcher and Adjunct Professor /Med 28
- 11) 2011 Second-level professor abilitation at the University of Sassari. Called by the Faculty of Medicine of Chieti in October 2011, he takes up service in December 2011.
- 11) 2015 University "G. D'Annunzio" Confirmed Associate Professor /Med 28
- 12) 2014-2015 National abilitation as a 1st level Professor 06 / N1 (Med 50) Sciences Of Health Professions And Applied Medical Technologies.
- 13) 2018 University "G. D'Annunzio" Full Professor /Med 28

HONORS AND AWARDS

1) 1991

1st Prize thesis degree: "Premio di Laurea libreria Medico scientifica di Chieti come miglior laureato per l'anno accademico 1990/91" I Biomateriali nella rigenerazione ossea: aspetti clinici e istologici. Relatore Prof. Adriano Piattelli

2) 2003/04

1th prize award Medicine: "I tempi di riassorbimento dei biomateriali nelle procedure di chirurgia rigenerative Relatore Prof. Luciano Caramanico"

3) From 1994 al 1997

Winner of the three-year scholarship of P.H.I. of Milan to conduct experimental studies on implant surfaces. Compagnia P.H.I. Via Roma - 20028 San Vittore Olona (MI). Azienda P.H.I. Via Roma - 20028 San Vittore Olona (MI).

4) Best research work on YearBook Dentistry 1999

Piattelli A, Corigliano M, **Scarano A**, Costigliola G, Paolantonio M.

Immediate loading of titanium plasma-sprayed implants: an histologic analysis in monkeys. J Periodontol. 1998 Mar;69(3):321-7.

Best Practice & Research (The Year Book of Dentistry brings you abstracts of the articles that reported the year's breakthrough developments in dentistry, carefully selected from more than 500 journals worldwide.)

5) Best research work on YearBook Dentistry 1998

Piattelli A, Paolantonio M, Corigliano M, **Scarano A**.

Immediate loading of titanium plasma-sprayed screw-shaped implants in man: a clinical and histological report of two cases. J Periodontol. 1997 Jun;68(6):591-7.

Best Practice & Research Best research work on YearBook Dentistry 1998

(The Year Book of Dentistry brings you abstracts of the articles that reported the year's breakthrough developments in dentistry, carefully selected from more than 500 journals worldwide.)

6) Best poster session 1st prize

Iezzi G, Spoto G, Vrespa G, Imperatrice A.M, **Scarano A**.

Superfici implantari plasma-spray e machined: valutazioni biochimiche e istomorfometriche.

Proceedings 9° Congresso Nazionale del " Collegio dei Docenti di Odontoiatria" SIOCMF. Roma 2002

7) Best poster session 2nd prize

Petrone G, Iezzi G, Vrespa G, **Scarano A**.

Rimaneggiamento dell'osso crestale: uno studio su mandibola di macaca fascicularis

Proceedings 9° Congresso Nazionale del " Collegio dei Docenti di Odontoiatria"

Best poster session 2nd prize

8) Best poster session 3rd prize

Orsini G, Iezzi G, **Scarano A**, Pecora G, Piattelli A.

Meccanismi di sostituzione del solfato di calcio da parte del tessuto osseo

Proceedings 9° Congresso Nazionale del " Collegio dei Docenti di Odontoiatria" SIOCMF. Roma 2002

9) Best poster session 3rd prize

M. Cancellieri, D. Di Iorio, **A. Scarano**

Valutazione dell'usura delle frese e della produzione di calore durante la preparazione del sito implantare.

Proceedings 14° Congresso Nazionale del " Collegio dei Docenti di Odontoiatria" SIOCMF. Roma 18-21 Aprile 2007

10) Best poster session 1st prize

Orsini G, Piattelli A, Pecora G, Piattelli M, Degidi M, Iezzi G, **Scarano A.**

Maxillary sinus augmentation with different biomaterials: a comparative histological and histomorphometric study in man.

19th Annual Scientific Meeting European Association for Osseointegration (EAO) San Francisco 18-20 March 2004 (abst. # 120)

11) **59th position**

Expertscape objectively ranks people and institutions by their expertise in more than 26,000 biomedical topics

Expertise in Dental Implants: HELP Worldwide Based on 9,376 articles since 2006

MEMBERSHIPS IN SCIENTIFIC SOCIETIES

2000 President AIME (Associazione Italiana di Medicina Estetica)- Dentistry

2010 SIMEO (Società Italiana Medicina Estetica in Odontoiatria) Academic representative

2009 Founding partner S.I.M.E.C.N.A.

Italian Society of Aesthetic Medicine Non Ablative Surgery

2017 Founding partner Academy Bone, Biomaterials & Beyond

2012/17 Active member Anthec Academy of non transfusional Hemo-Components

2020 President Anthec Academy of non transfusional Hemo-Components

2012/17 Active member IACOI INTERNATIONAL ACADEMY OF CERAMIC IMPLANTOLOGY

ADVISORY BOARDS

From 2006 Member of “DENTAL CADMOS” – Lecture Committee

2006 Member of “Minerva Stomatologica” – Lecture Committee

From 2006 to 2013 Member of “DENTAL CLINICS” Scientific Committee

From 2007 to 2011 Member of “ITALIAN ORAL SURGERY”, Elsevier-Masson - Lecture Committee

From 2011 to 2017 Editorial Board “The Scientific World Journal”

From 2011 to 2016 Editorial Board “Dentistry”

From 2010 to 2016 Editorial Board “J OF OSSEINTEGRATION”

From 2011 to 2017 Editorial Board della rivista “Titanium”

From 2017 Editorial Board “EC Orthopaedics ”

From 2019-2020 Guest Editor special issue of International Journal of Molecular Sciences
"Advanced Implant Surface Modification and Tissue Engineering"

From 2019-2020 Guest Editor special issue of Materials "Advance in Implantology, Bone Biomaterials and Regenerative Procedures"

RESEARCH PROJECTS

1) 2006 Comparison between two different ways of assessing the level of osseointegration of four types of implants in the rabbit femur

ORAL PLANT company Via Amman, 30, 33084 Cordenons PN

2) 2008 Carry Out An Experimental Evaluation Study On Rabbits Of Implants

Bego-Sedamos Bremen Germany: Histological and histomorphometrical evaluation of the bone-implant contact percentages of 3 different experimental implant surfaces in rabbit. Bego Implant Systems GmbH & Co. KG, Bremen, Germany

3) 2009 Clinical Evaluation Study Of Plants Coated With Anatase Nanos Surface Modified
THE DENTAL TECH s.r.l. Via G. Di Vittorio 10/12 20020- Misinto (MI)

4) 2011 Carry Out An Experimental Study On Rabbit

MICERIUM S.p.A. Based in Via Marconi, 83 - 16036 - Avegno (Ge) - Italy, V.A.T. CEE
IT01199870104 and Fiscal Code: 01199870104

5) 2013, Experimental Study On Mini Pig, University Of Bari

6) 2016 Implant Surface Covered With Collagen (Actigen®) Vs Standard Surface (Sla) On
Perimplant Bone Formation: Experimental Study On A Punch Model.

UBGEN Srl (VAT and Tax Code 04750480289) Viale del Lavoro 14, 35010 - Vigonza (PD)

7) 2017 "Sealing capability of different implant-abutment connections".

BIO Alfa (VAT and Tax Code 04750480289) based in 4 Hatnufa St. POB 3936
Kiryat Arye, Petach Tikva 4951022, Israel

RESEARCH PROJECTS- Animal studies

1994-1997

From 1994 to 1997 COORDINATOR AND MAIN EXECUTOR of a research project in collaboration between the Department of Odontostomatological Sciences of the G.

D'Annunzio University and the PHI Company Via Roma - 20028 San Vittore Olona (MI).

The research protocol of this project concerns the evaluation, in vivo, of the biological response induced by the different implant surfaces.

1997-2002

From 1997 to 2002 COORDINATE AND MAIN EXECUTOR of a research project in collaboration between the Department of Odontostomatological Sciences of the G.D'Annunzio University and the PHI Company Via Roma - 20028 San Vittore Olona (MI). The research protocol of this project concerns the evaluation, in vitro, the resistance to bacterial penetration of connessione implant / abutment.

2002

Influence of the surface of biomaterials in bone regeneration

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 36 months

2005

2) Influence of the surface of biomaterials in bone regeneration

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 36 months

2006

Comparison between two different ways of assessing the level of osseointegration of four types of implants in the rabbit femur on behalf of the ORAL PLANT company Via Amman, 30, 33084 Cordenons PN

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 12 months

Bone substitutes in the healing of bone defects.

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 36 months

2007

Histological and histomorphometrical evaluation of the bone-implant contact percentages of 3 different experimental implant surfaces in rabbit. Bego Implant Systems GmbH & Co. KG, Bremen, Germany **RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5**

Duration 24 months

Evaluation of the biocompatibility of anatase- coated implants : an experimental study on the rabbit

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 36 months

2008

Evaluation of the surface macrostructure of sandblasted vs smooth implants: an experimental study on the rabbit

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5

Duration 24 months

2010

A Bone augmentation with Bio-Oss, in a rabbit tibia model

RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5 Project N ° 34 17/09/2007 Prot. N ° 29

Duration 24 months

2011

Rejuvenation of perioral soft tissues. **RESEARCH PROJECT in compliance with Legislative Decree No. 116/92 in compliance with art. 3, art. 4 and art. 5**

Duration 36 months

2012

" Correction of imperfections of perioral soft tissues: tissue rejuvenation through high intensity pulsed light (ILP) ".

PROT. 06/2012 / CEISA / PROG / 31 of 13/02/2012 **Duration 36 months**

2013

Two SLA implant surfaces: evaluation of bone healing.

Authorization CEISA 11/2013 CEISA / COM of 8/2/13 **Duration 6 months**

2016

Influence Of Implant Surface Covered With Collagen (Actigen ®) Vs Standard Surface (Sla) On Perimplant Bone Formation: Experimental Study On A Punch Model.

Project approved by the Ministry of Health Aut. N ° 67/2017-PR of 20/1/2017 **Duration 36 months**

INTERNATIONAL RESEARCH PROJECTS- Animal studies

1996 Immediate loading implants study on macaqui fascicularis

University of Buenos Aires Dir. Prof. Sarnachiaro

1997 Immediate loading of titanium plasma-sprayed implants: an histologic analysis in monkeys.

University of Buenos Aires Dir. Prof. Sarnachiaro

2000 Interimplant distance and crestal bone resorption: a histologic study in the canine mandible

Complutense University of Madrid Veterinary Faculty

2002 Peri-implant bone reactions around immediately loaded conical implants with different prosthetic suprastructures: histological and histomorphometrical study on minipigs.

Complutense University of Madrid Veterinary Faculty

PRINCIPAL INVESTIGATOR- RESEARCH FINANCED WITH 60%

1) PERSPECTIVE CLINICAL STUDY ON THE USE OF SHORT IMPLANTS 2007 TOTAL SCORE 21.6

2) USE OF SHORT IMPLANTS AS AN ALTERNATIVE TO THE 2008 BONE GRAFTS TOTAL SCORE 23.5

3) SHORT IMPLANTS IN THE POSTERIOR MANDIBULAR ATROPHIES. 2009 2009 Total SCORE 25.5

4) INLAY IN THE REAR MANDIBULAR ATROPHIES. 2010
2010 Total SCORE 26.5

5) SHORT IMPLANTS IN THE MAXILLARY ATROPHIES.
2011 Total SCORE 26

6) LIFT OF THE MAXILLARY BREAST WITH THE USE OF DIFFERENT BIOMATERIALS
2012 Total SCORE 26.5

7) Piezo surgery in maxillary osteotomies 2013 Total SCORE 24.5

8) The expansion of atrophic crests
2014 TOTAL: 4.6

9) Graphene oxide (GO) enriched bone substitute materials (BSBs): mechanical tests
2015 TOTAL: 46

10) Graphene oxide (GO) enriched bone substitute materials (BSBs): an animal study 2016
TOTAL: 46

11) Sealing capability of the implant-abutment junction under cyclic loading. A toluidine blue in vitro study of External Hexagon versus Cone Morse connections.
2017 TOTAL: 99 Maximum Score

PATENTS

1) In 1995 he created the "PRECISE-1" system; useful tool in the study and histological evaluation of the various materials used in dentistry and orthopedics.

2) In 1998 he created and patented the ultrasonic root planing system

Patent number: 5816808

Abstract: The invention relates to an instrument for periodontal treatment, consisting of a connection piece (4) and of a blade (1), wherein said blade (1) has an abrasive part exhibiting two sectors (10, 11) distributed along the blade, and each situated on opposite sides of a plane passing through the axis of the blade, these two sectors (10, 11) exhibiting different levels of abrasiveness such that when the instrument is introduced into the periodontal pocket during treatment, the more abrasive sector comes into contact with the root surface of the tooth, and the other, less abrasive, sector comes into contact with the mucosa, said instrument being adapted to be held by way of its connection piece (4) on a handpiece which confers a vibratory movement on it, allowing the two sectors (10, 11) to effect the detachment of the undesirable tartar.

Type: Grant

Filed: April 8, 1996

Issued: October 6, 1998

Assignee: Micro Mega International Manufactures S.A.

Inventors: Gianluca Gambarini, Paolo Trisi, Antonio Scarano, Jean-Marie Badoz

INTERNATIONAL PEER-REVIEWED PAPERS

1) Piattelli A, **Scarano A**, Antinori A, Trisi P

Odontogenic myxoma of the mandible. Report of a case and review of the literature

Acta Stomatol Belg 1994;91:101-110

2) Piattelli A, **Scarano A**, Di Alberti L, Piattelli M

Osteoma of the mandible. Report of a case

Acta Stomatol Belg 1995;92:13-16

3) Piattelli A, **Scarano A**, Piattelli M

Detection of alkaline and acid phosphatases around titanium implants: a light microscopical and histochemical study in rabbit

Biomaterials 1995;16:1333-1338

4) Piattelli A, Cosci F, **Scarano A**, Trisi P

Localized chronic suppurative bone infection as a sequel of peri-implantitis in a hydroxyapatite-coated dental implant

Biomaterials 1995;16:917-920

5) Piattelli A, **Scarano A**, Piattelli M

Calcifying odontogenic cyst associated with compound odontoma: a study on undemineralized material

Bull Group Int Rech Sci Stomatol et Odontol 1995;38:105-109

6) Piattelli A, **Scarano A**, Piattelli M

Abscess formation around the apex of a maxillary root form implant: clinical and microscopical aspects. A case report

J Periodontol 1995;66:899-903

7) G. Giuliana, P. Trisi, M. D'Arpa, **A. Scarano**

Cementum growth in impacted teeth

Acta Stomatol Belg 1995;92:7-11

8) Piattelli M, **Scarano A**, Piattelli A

Vertical ridge augmentation using a resorbable membrane: a case report

J Periodontol 1996;67:161-164

9) Piattelli A, Emanuelli M, **Scarano A**, Trisi P

A histological study of nonsubmerged titanium plasma-sprayed screw implants retrieved from a patient: a case report

Int J Periodont Rest Dent 1996;6:138-147

10) Piattelli A, Podda G, **Scarano A**

Histological evaluation of bone reactions to Al₂O₃ dental implants in man: a case report

Biomaterials 1996;17:711-714

11) Piattelli A, **Scarano A**, Russo P, Matarasso S

Evaluation of guided bone regeneration (GBR) in rabbit tibia using bioresorbable and nonresorbable membranes

Biomaterials 1996;17:791-796

12)Piattelli A, **Scarano A**, Piattelli M, Matarasso S
Cellular colonization and bone formation into e-PTFE membranes. A light microscopical and histochemical time course study in rabbit
J Periodontol 1996;67:720-725

13)Piattelli A, **Scarano A**, Piattelli M, Calabrese L
Direct bone formation on sandblasted titanium implants: an experimental study
Biomaterials 1996;17:1015-1018

14)Piattelli A, **Scarano A**, Corigliano M, Piattelli M
Comparison of bone regeneration with the use of mineralized and demineralized freeze-dried bone allografts: a histological and histochemical study in man
Biomaterials 1996;17:1127-1131

15)Piattelli A, **Scarano A**, Piattelli M
Microscopical aspects of failure in osseointegrated dental implants: a report of five cases
Biomaterials 1996;17:1235-1241

16)Piattelli A, Corigliano M, Scarano A
Microscopical observations of the osseous responses in early loaded human titanium implants: a report of two cases
Biomaterials 1996;17:1333-1337

17)Piattelli A, **Scarano A**, Corigliano M, Piattelli M
Effects of alkaline phosphatase on bone healing around plasma-sprayed titanium implants: a pilot study in rabbits
Biomaterials 1996;17:1443-1449

18)Piattelli A, **Scarano A**, Paolantonio M
Bone formation inside the material interstices of e-PTFE membranes: a light microscopical and histochemical study in man
Biomaterials 1996;17:1725-1731

19)Piattelli A, **Scarano A**, Mangano C
Clinical and histologic aspects of biphasic calcium phosphate ceramic (BCP) used in connection with implant placement
Biomaterials 1996;17:1767-1770

20)Piattelli A, **Scarano A**, Corigliano M, Piattelli M
Presence of multinucleated giant cells (MGCs) around machined, sandblasted, and plasma-sprayed titanium implants: a histologic and histochemical time course study in rabbit
Biomaterials 1996;17:2053-2058

21)Piattelli A, **Scarano A**, Vaia E, Matarasso S
Histologic evaluation of the peri-implant bone around plasma-sprayed non-submerged titanium implants retrieved from man: a report of two cases
Biomaterials 1996;17:2219-2224

22)Piattelli M, **Scarano A**, Piattelli A

Histologic evaluation of freeze-dried dura mater (FDDMA) used in guided bone regeneration (GBR): a time course study in man
Biomaterials 1996;17:2319-2323

23) Simion M, Scarano A, Gionso L, Piattelli A
Guided bone regeneration using resorbable and non-resorbable membranes: a comparative histological study in man
Int J Oral Maxillofac Implants 1996;11:735-742

24) Piattelli A, Di Bellucci A, Scarano A, Matarasso S
Juvenile hyaline fibromatosis of gingiva: a case report
J Periodontol 1996;67:451-453

25) Favia G, Di Alberti L, Scarano A, Piattelli A
Ameloblastic fibro-odontoma: Report of two cases
Oral Oncology, vol. 33, issue 6 (1997)

26) Favia G, Di Alberti L, Scarano A, Piattelli A
Squamous odontogenic tumour: report of two cases
Oral Oncol 1997;33:451-453

27) Piattelli A, Piattelli M, Scarano A
Simultaneous demonstration of alkaline and acid phosphatase activities in bone, at bone implant interface and at the epiphyseal growth plate in plastic embedded undemineralized tissue

Biomaterials 1997;18:545-549

28) Piattelli A, Scarano A, Quaranta M
High-precision, semi-automated, cost-effective system for producing thin sections of oral tissues containing dental implants
Biomaterials 1997;18:577-579

29) Piattelli A, Podda G, Scarano A
Clinical and histologic results in alveolar ridge enlargement using coralline calcium carbonate
Biomaterials 1997;18:623-627

30) Piattelli A, Franco M, Ferronato G, Santello MT, Martinetti R, Scarano A
Resorption of composite polymer-hydroxyapatite membranes: a time course study in rabbit
Biomaterials 1997;18:629-633

31) Piattelli A, Corigliano M, Scarano A, Quaranta M
Bone reactions to early occlusal loading of two-stage titanium plasma-sprayed implants: a pilot study in monkeys
Int J Periodont Rest Dent 1997;17:163-169

32) Piattelli A, Paolantonio M, Corigliano M, Scarano A
Immediate loading of titanium plasma-sprayed screw-shaped implants in man: a clinical and histological report of two cases
J Periodontol 1997;68:591-597

33) Piattelli A, Scarano A, Piattelli M, Bertolai R, Panzoni E

Histologic aspects of the bone and soft tissues surrounding three titanium non-submerged plasma-sprayed implants retrieved at autopsy: a case report
J Periodontol 1997;68:694-700

34)Simion M, Maglione M, Iamoni, **Scarano A**, Piattelli A, A. Salvato
Bacterial penetration through Resolut resorbable membranes in vitro: an histological and scanning electron microscopic study
Clin Oral Impl Res 1997;8:23-31

35)Piattelli A, **Scarano A**, Di Alberti L, Piattelli M
Histological and histochemical analyses of acid and alkaline phosphatases around hydroxyapatite-coated implants: a time course study in rabbit
Biomaterials 1997;18:1191-1194

36)Piattelli A, **Scarano A**, Paolantonio M
Immediately loaded screw implant removed for fracture after a 15-year loading period: histological and histochemical analysis
J Oral Implantol 1997;23:75-79

37) Piattelli A **Scarano A** Piattelli M
Histochemical evaluation of alkaline phosphatase in compound odontoma: a study of plastic embedded undemineralized material.
Bulletin du Groupement international pour la recherche scientifique en stomatologie & odontologie, vol. 40, issue 2-3 (1998)

38)Piattelli A, Di Alberti L, **Scarano A**, Piattelli M
Benign cementoblastoma associated with an unerupted third molar: report of a case
Oral Oncol 1998;34: 229-231

39)Piattelli A, **Scarano A**, Balleri P, G.A Favero
Clinical and histological evaluation of an active "Implant periapical lesion". A case report
Int J Oral Maxillofac Implants 1998;13:713-716

40)Piattelli A, **Scarano A**, Piattelli M
Histochemical evaluation of alkaline phosphatase in compound odontoma: a study of plastic embedded undemineralized tissue
Bull Group Int Rech Sci Stomatol et Odontol 1998;40:98-101

41) Mangano C, **Scarano A**, Piattelli M, Piattelli A, Martinetti R..
In vivo histological evaluation of HA/N-carboxymethylchitosan fillers
Bioceramics 1998;11:375-8

42)Piattelli A, Degidi M, Marchetti C, **Scarano A**
Histologic analysis of the interface of a titanium implant retrieved from a non vascularized mandible block graft after a 10 month loading period
Int J Oral Maxillofac Implants 1998;12:840-843

43)Piattelli A, **Scarano A**, Paolantonio M
Clinical and histological features of a non-axial load on the osseointegration of a posterior mandibular implant. Report of a case
Int J Oral Maxillofac Implants 1998;13: 273-275.

- 44) Piattelli A, **Scarano A**, Coraggio F, Matarasso S
Early tissue reactions to polylactic acid resorbable membranes: a histological and histochemical study in rabbit
 Biomaterials 1998;19:889-896
- 45) Piattelli A, Piattelli M, Mangano C, **Scarano A**
A histologic evaluation of eight cases of failed dental implants: is bone overheating the most probable cause?
 J Biomaterials 1998;19: 683-690
- 46) Piattelli A, **Scarano A**, Piattelli M
Histologic observations on 230 retrieved dental implants: a 8 years experience (1989-1996)
 J Periodontol 1998;69:178-184
- 47) Simion M, Jovanovic S, Trisi P, **Scarano A**, Piattelli A
Vertical ridge augmentation around dental implants using a membrane technique and bone auto or allografts in humans
 Int J Periodont Rest Dent 1998;18:8-23
- 48) Piattelli A, **Scarano A**, Piattelli M, Vaia E, Matarasso S
Hollow implants retrieved for fracture: a light and scanning electron microscope analysis of 4 cases
 J Periodontol 1998;69:185-189
- 49) Piattelli A, **Scarano A**, Piattelli M, Podda G
"Implant periapical lesion". Clinical, histologic and histochemical aspects. A case report
 Int J Periodont Rest Dent 1998;713-716
- 50) Piattelli A, **Scarano A**, Dalla Nora A, De Bona G, Favero GA
Microscopical features in retrieved human Branemark implants: a report of 19 cases
 Biomaterials 1998;19:643-649
- 51) Piattelli A, **Scarano A**, Piattelli M
Microscopical and histochemical evaluation of demineralized freeze-dried bone allograft in association with implant placement
 Int J Periodont Rest Dent 1998;4:355-361
- 52) Piattelli A, Corigliano M, **Scarano A**, Costigliola G, Paolantonio M
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