

Basic research

W43NA - Iret Neferet: Mummy found in southern Brazil. Dating by C14, Radiographic and Histopathological

HUTTNER Eder (Porto Alegre, BRAZIL), CANDEIAS Bruno (Porto Alegre, BRAZIL), HUTTNER Edison (Porto Alegre, BRAZIL)

P5R2K - CaP bone-like coating for fast osseointegration of dental implants

DALCANALE Federico (MuttENZ, SWITZERLAND), CARINO Agnese (Villigen, SWITZERLAND), BITIQI Hekuran (MuttENZ, SWITZERLAND), MUELLER Elisabeth (Villigen, SWITZERLAND), DE WILD Michael (MuttENZ, SWITZERLAND), KÖSER Joachim (MuttENZ, SWITZERLAND), MOSER Walter (Aarau, SWITZERLAND), HOECHST Burkard (Neuss, GERMANY), GÖDDEKE Simon (Neuss, GERMANY), BERNER Simon (Maegenwill, SWITZERLAND), GRUNER Philipp (Maegenwill, SWITZERLAND), TESTINO andrea (Villigen, SWITZERLAND)

VSCFL - Primary stability of three different aggressively threaded and tapered implants in low-density polyurethane

TURRA Matteo (Feltre, ITALY), PETERSSON Anders (Gothenburg, SWEDEN), SENNERBY Lars (Kullavik, SWEDEN)

PDWVZ - Regenerative Effect of Concentrated Growth Factor in Defects Around Zirconia and Titanium Implants

KARABUDA Zihni cüneyt (Istanbul, TURKEY), GÜNER Mehmet Övün (Istanbul, TURKEY)

YACBM - Effect of a new synthetic chalcone on inflammatory bone resorption and osteoclastogenesis.

FERNANDES Natalie (Araraquara, BRAZIL), CAMILLI Angelo (Araraquara, BRAZIL), MALDONADO Laura (Araraquara, BRAZIL), SILVA Amanda (Araraquara, BRAZIL), PACHECO Cindy (Araraquara, BRAZIL), REGASINI Luis octavio (São José Do Rio Preto, BRAZIL), STABILI Morgana (Araraquara, BRAZIL)

K6CMH - Effect of hydrogenated TiO₂ nanotubes on gingival epithelial cell behavior

MU Yanting (Beijing, CHINA), XIN Wang (Beijing, CHINA) CHEN Su (Beijing, CHINA)

R5VJY - Effects of minocycline hydrochloride on extra-skeletal bone formation in a guided bone generation model. A comparative histomorphometric study in rat calvaria.

BIEWER Bob (8211 Mamer, LUXEMBOURG), ROMPEN Eric (Liège, BELGIUM), MITTELBRONN Michel (Luxembourg, LUXEMBOURG), QUATRESOOZ Pascale (Liège, BELGIUM), KLEINE BORGMANN Felix (Luxembourg, LUXEMBOURG)

OWM7I - Evaluation of histologic properties and blood supply of vertically thin and thick gingiva

SVAZAS Ernestas (Vilnius, LITHUANIA), ZUKAUSKAS Saulius (Vilnius, LITHUANIA), LINKEVIČIUS Tomas (Vilnius, LITHUANIA), PUIŠYS Algirdas (Vilnius, LITHUANIA)

JYDV3 - Improvement in wettability and crystallinity by reactive plasma on nanostructured titanium surfaces for implants.

KUNRATH Marcel (Porto Alegre, BRAZIL), VARGAS André Luis (Porto Alegre, BRAZIL), SESTERHEIM Patricia (Porto Alegre, BRAZIL), TEIXEIRA Eduardo (Porto Alegre, BRAZIL), HUBLER Roberto (Porto Alegre, BRAZIL)

YCR88 - A Study of 3D Printing Parameters on Fit of Implant-Supported 3-unit Resin Prosthesis

KIM Seong-Kyun (Seoul, REPUBLIC OF KOREA), PARK Gang-seok (Seoul, REPUBLIC OF KOREA), HEO Seong-joo (Seoul, REPUBLIC OF KOREA), KOAK Jai-young (Seoul, REPUBLIC OF KOREA)

FMY4Q - Immune response of macrophages on super-hydrophilic TiO₂ nanotube surfaces

YUAN Ding Xiang (Beijing, CHINA), XIN Wang (Beijing, CHINA), GAO Shang (Beijing, CHINA)

OUP5Q - Micro-CT evaluation of silk-based membrane for bone regeneration in rabbit calvarial defect

SUKCHAN Kongkiat (Hatyai, THAILAND), PRIPATNANOT Prisana (Hatyai, THAILAND)

GZRS4 - Primary stability of different designs of titanium vs zirconia implants – In-vitro comparative study

AGUIAR Edgar (Lisbon, PORTUGAL), CHEN Andre (Lisbon, PORTUGAL), FRANCISCO Helena (Lisbon, PORTUGAL), FIALHO Joana (Viseu, PORTUGAL), CARAMÉS João (Lisbon, PORTUGAL)

ZKXE9 - Prosthetic complications and survival-rates of two-piece zirconia implants after artificial aging

REINISCH Manuel (Graz, AUSTRIA), KOLLER Martin (Graz, AUSTRIA), SETTEN Nino (Graz, AUSTRIA), GLOCKNER Karl (Graz, AUSTRIA), JAKSE Norbert (Graz, AUSTRIA), PAYER Michael (Graz, AUSTRIA)

V5N11 - A randomized controlled crossover study on the diagnostic and therapeutic relevance of microbiological testing in periodontitis patients

VRIJGHEM Camille (Ieper, BELGIUM), COSYN Jan (Gent, BELGIUM), FRANSEN Jasper (Gent, BELGIUM), CHRISTIAENS Véronique (Ghent, BELGIUM)

J1FDX - An Immune Interaction Network driven approach for identifying biomarkers for Peri-implantitis

YADALAM Dr.Pradeep Kumar (Chennai, INDIA), THIYAGARAJ Anand (Chennai, INDIA)

4QABH - Ex vivo study – a more suitable way for 3D scaffold analysis.

da COSTA Natacha Malu Miranda (Ribeirão Preto, BRAZIL), CAETANO Hilary ignes palma (Ribeirão Preto, BRAZIL), MIRANDA Larissa aguiar (Ribeirão Preto, BRAZIL), DE OLIVEIRA Paulo tambasco (Ribeirão Preto, BRAZIL), DE SOUZA Sérgio luís scombatti (Ribeirão Preto, BRAZIL), MESSORA Michel reis (Ribeirão Preto, BRAZIL), NOVAES JUNIOR Arthur belém (Ribeirão Preto, BRAZIL), PALIOTO Daniela bazan (Ribeirão Preto, BRAZIL)

MGLSC - How does short implant success rely on cortical bone quality?

NESVIT Vitalij (Kharkov, UKRAINE), DEMENKO Vladislav (Kharkov, UKRAINE), LINETSKIY Igor (Prague, CZECH REPUBLIC), JAYAKUMAR Abilash (Kharkov, UKRAINE), YEFREMOV Oleg (Kharkov, UKRAINE), LINETSKA Larysa (Kharkov, UKRAINE)

QUKQZ - Titanium surface interacting with clot network and entrapped blood components promotes migration and osteogenic differentiation of bone marrow mesenchymal stem cells

ZHAO Juan (Hangzhou, CHINA) LI Jia (Hangzhou, CHINA), GUAN Ye (Hangzhou, CHINA), XU Antian (Hangzhou, CHINA), ZHOU Chuan (Hangzhou, CHINA), HE Fuming (Hangzhou, CHINA)

M2RWU - Accuracy of Intraoral Scanning Technique for Implant Supported Full-Arch Screw Retained Prosthesis

VAROL OLCAY Merve (Istanbul, TURKEY) DEMIR Fatmanur (Ankara, TURKEY), , KARASAN Duygu (Geneva, SWITZERLAND), AKCA Kivanc (Ankara, TURKEY)

TTYVV - Clinical Outcome of Abutments made of Ti, ZrO2 and PMMA - a randomized pilot study

THEISEN Kerstin (Graz, AUSTRIA), STEYER Elisabeth (Graz, AUSTRIA), AREFNIA Behrouz (Graz, AUSTRIA), LORENZONI Martin (Graz, AUSTRIA)

HWKLS - Effect of Pore Size and Porosity on the Cytocompatibility of Porous Titanium

ZHAO Ke (Guangzhou, CHINA)

GBIA1 - Evaluation of bone turnover around short finned implants in posterior maxilla with thin cortices.

YEFREMOV Oleg (Kharkov, UKRAINE), DEMENKO Vladislav (Kharkov, UKRAINE), LINETSKA Larysa (Kharkov, UKRAINE), LINETSKIY Igor (Prague, CZECH REPUBLIC), NESVIT Vitalij (Kharkov, UKRAINE), JAYAKUMAR Abilash (Kharkov, UKRAINE)

M4HYR - Fluro-Boric Acid Wetting Agent Increase in-vitro Cellular Response and Deter Bacterial Adherence

ZBOUN Mohammad (Istanbul, TURKEY), ARISAN Volkan (Istanbul, TURKEY)

XOPJP - Influence of Mineral Oil Lubricant of surgical handpiece on dental Implant osseointegration: In vitro and animal study

HEON-YOUNG Kim (Seoul, REPUBLIC OF KOREA), MIN-KYOUNG Kim (Busan, REPUBLIC OF KOREA), JUDONG Song (Busan, REPUBLIC OF KOREA), SUN-JONG Kim (Seoul, REPUBLIC OF KOREA), KIM Jin-Woo (Seoul, REPUBLIC OF KOREA)

CXVJG - Infrared thermographic evaluation of temperature modifications induced during osteotomies performed with Er:YAG laser, piezosurgery and surgical drill – an animal study

GABRIĆ Dragana (Zagreb, CROATIA), AUMILER Damir (Zagreb, CROATIA), GJORGIEVSKA Elizabeta (Skopje, MACÉDOINE, EX-RÉP. YOUGOSLAVE), SMOJVER Igor (Zagreb, CROATIA), MARKOVIĆ Luka (Zagreb, CROATIA), PAVLIĆ Verica (Banja Luka, BOSNIE-HERZÉGOVINE)

IWV6R - Proteomic and in vitro evaluation of Ca-containing sol-gel coatings

CERQUEIRA Andreia (Castelló De La Plana, SPAIN), ROMERO-GAVILÁN Francisco (Castelló De La Plana, SPAIN), GARCÍA-ARNÁEZ Iñaki (San Sebastián, SPAIN), ARAÚJO-GOMES Nuno (Enschede, NETHERLANDS), AZKARGORTA Mikel (Derio, SPAIN), ELORTZA Félix (Derio, SPAIN), OZTURAN Seda (Istanbul, TURKEY), MARTÍNEZ- RAMOS Cristina (Castelló De La Plana, SPAIN), GURRUCHAGA Mariló (San Sebastián, SPAIN), SUAY ANTÓN Julio (Castelló De La Plana, SPAIN), GOÑI Isabel (San Sebastián, SPAIN)

F25HL - The early adhesion effects of human gingival fibroblasts (HGFs) on the bovine serum albumin (BSA) loaded hydrogenated titanium nanotube (H2-TNTs) surface

SUN Yuchen (Beijing, CHINA), XIN Wang (Beijing, CHINA)

WBWG4 - A pilot animal study aimed at assessing the mechanical quality of regenerated alveolar bone

KARL Matthias (Homburg, GERMANY), PALARIE Victor (Chisinau, MOLDOVA, RÉPUBLIQUE DE), NACU Viorel (Chisinau, MOLDOVA, RÉPUBLIQUE DE), GROBECKER-KARL Tanja (Homburg, GERMANY)

7JN0L - Decontamination process affects negatively the adhesion of osteoblastic cells on implant surface

FÁTIMA BALDERRAMA Ísis (Araraquara, BRAZIL), Völz Cardoso Matheus (Bauru, BRAZIL), TOLEDO STUANI Vitor (Bauru, BRAZIL), ARRUDA MATOS Adriana (Bauru, BRAZIL), CARDOSO DE OLIVEIRA Rodrigo (Bauru, BRAZIL), MARCANTONIO JUNIOR Elcio (Araraquara, BRAZIL), AGUIAR GREGHI Sebastião Luiz (Bauru, BRAZIL), CAMPOS PASSANEZI SANTANA Adriana (Bauru, BRAZIL)

TDAI9 - Histomorphometric evaluation of critical defects filled by β - tricalcium phosphate in rats calvary

PADILHA-SILVA Nelson (Jundiaí, BRAZIL), OLIVEIRA-JÚNIOR Nilton (Campinas, BRAZIL), HADAD Henrique (Araçatuba, BRAZIL), JESUS Lais kawamata (Araçatuba, BRAZIL), SANTOS Ana flávia piquera (Araçatuba, BRAZIL), VEDOVATTO Eduardo (Campinas, BRAZIL), SOUZA Francisley Ávila (Araçatuba, BRAZIL), CARVALHO Paulo sérgio (Araçatuba, BRAZIL)

4Y3XR - In vitro biocompatibility and In vivo bone regeneration of a semi-resorbable barrier membrane

TUNTHASEN Rudjit (Hatyai, Songkhla, THAILAND), PRIPATNANOT Prisana (Hatyai, Songkhla, THAILAND), MEESANE Jirut (Hatyai, Songkhla, THAILAND)

HWO0H - The influence of acetylsalicylic acid in bone regeneration: systematic review and meta-analysis

Rendohl Edelcio (Sao Paulo, BRAZIL), MIZIARA Luciano (São Paulo, BRAZIL), PIMENTEL Angelica (Sao Paulo, BRAZIL), SENDYK Wilson (Sao Paulo, BRAZIL), SANTIAGO JUNIOR Joel (Bauru, BRAZIL), MARAO Heloisa (Sao Paulo, BRAZIL)

GOQX1 - Does implant thread geometry influences the stress distribution in the bone -An In-vitro study

SHAIKH MOHSIN (Pune, INDIA), KHEUR Supriya (Pune, INDIA), LAKHA Tabrez (Mumbai, INDIA), KHEUR Mohit (Pune, INDIA), LAKHA Ameera (Mumbai, INDIA)

RX8M9 - Effect of synthesized and surface modified hydroxyapatite on osteoblasts cultures

FERNANDES E OLIVEIRA Hiskell (Araçatuba, BRAZIL), EUFRAZIO CRUZ Marcos (Ribeirao Preto, BRAZIL), BAHIA NOGUEIRA Lucas (Ribeirao Preto, BRAZIL), COSTA YOGUI Fernanda (Araçatuba, BRAZIL), CAPALBO DA SILVA Rodrigo (Araçatuba, BRAZIL), ADDISON Owen (London, UK), RAMOS VERRI Fellippo (Araçatuba, BRAZIL), RAMOS Ana paula (Ribeirao Preto, BRAZIL)

KNZ0L - Maintenance of dental implants: the importance of prognosis

CRISTOFARI Paul Edouard (Nice, FRANCE)

P104H - Quantitative analysis of three-dimensional bone-to-implant contact

HONG Jeong-Min (Seoul, REPUBLIC OF KOREA), HEO Seong-joo (Seoul, REPUBLIC OF KOREA), KIM Seong-Kyun (Seoul, REPUBLIC OF KOREA), YEO In-sung (Seoul, REPUBLIC OF KOREA)

CFF2H - A 5-year cohort study on early implant placement and contour augmentation versus alveolar ridge preservation and late implant placement

WESSELS Retief (Gent, BELGIUM), VERVAEKE Stijn (Gent, BELGIUM), SEYSSENS Lorenz (Gent, BELGIUM), EGHBALI Aryan (Gent, Brussels, BELGIUM), COSYN Jan (Gent, BELGIUM)

WK90A - A comparison of cone beam CT and micro-CT evaluating peri-implant trabecular bone remodeling under various loading conditions in a beagle dog model

GUOWU Ma (Dalian, CHINA) ZHAI Ying (Dalian, CHINA)

EBLHU - Comparative microCT evaluation of bone repair associated to a new porcine bone graft. Study in rats

SILVEIRA E SOUZA Adriana (Ribeirão Preto, BRAZIL), FERNANDES Ytalo (Ribeirão Preto, BRAZIL), MANTOVANI Rafael (Ribeirão Preto, BRAZIL), REINO Danilo (Ribeirão Preto, BRAZIL), DE SOUSA Luiz gustavo (Ribeirão Preto, BRAZIL), SIESSERE Selma (Ribeirão Preto, BRAZIL), SCOMBATTI DE SOUZA Sergio (Ribeirão Preto, BRAZIL)

5T207 - Infrared thermography vs. thermocouples for temperature measurement during implant preparation

WALTENBERGER Lukas (Aachen, GERMANY), TUNA Taskin (Aachen, GERMANY), BRACKEBUSCH Enno (Aachen, GERMANY), WOLFART Stefan (Aachen, GERMANY)

J8CM3 - Is 3D printing an alternative to CAD-CAM and Chairside fabricated provisional reconstructions?

SHAIKH MOHSIN (Pune, INDIA), KAZI Sana (Mumbai, INDIA), KHEUR Mohit (Pune, INDIA), LAKHA Tabrez (Mumbai, INDIA), KHEUR Supriya (Pune, INDIA)

7EOSG - Proliferation and differentiation of osteoblasts on synthetic carbonated apatite disk

KITAMURA Nagomi (Itabashi-Ku, JAPAN), YAMANAKA Katsuyuki (Itabashi-Ku, JAPAN), FUSEJIMA Futoshi (Itabashi-Ku, JAPAN), KUMAGAI Tomohiro (Itabashi-Ku, JAPAN)

SRJUI - Role of 3D printing in diagnostic phase and in surgical preparation of complex cases.

GUERRA Domenico (, ITALY), FLORIDI Fulvio (, ITALY), FIORONI Alessandro (, ITALY), RUSSO Nazario (, ITALY), PALAZZO Leonardo (, ITALY)

NN9CM - Single tooth restoration with pin-guide system: A single case presentation.

NYÁRÁDY Zoltán (Pécs, HONGRIE), SZENTLÉLEKY Eszter (Pécs, HONGRIE), ORSI Enikő (Pécs, HONGRIE)

EG2CZ - Topographic characterization of cp-Ti dental implants modified by laser beam surface with or without hydroxyapatite deposition

SOUZA Francisley Ávila (Araçatuba, BRAZIL), NÍMIA Heloisa helena (Poços De Caldas, BRAZIL), PADILHA-SILVA Nelson (Araçatuba, BRAZIL), SANTOS Ana flávia piquera (Araçatuba, BRAZIL), HADAD Henrique (Araçatuba, BRAZIL), GUASTALDI Anatônio carlos (Araraquara, BRAZIL), QUEIROZ Thallita pereira (Araraquara, BRAZIL), OKAMOTO Roberta (Araçatuba, BRAZIL), OLIVEIRA Sandra helena penha (Araçatuba, BRAZIL), POLI Pier paolo (Milan, ITALY), MAIORANA Carlo (Milan, ITALY)

3H640 - Critical defect healing assessment in rat calvaria using a titanium-reinforced polytetrafluoroethylene membrane

HADAD Henrique (Araçatuba, BRAZIL), CHIES Bruno (Campinas, BRAZIL), JESUS Laís kawamata (Araçatuba, BRAZIL), SANTOS Ana flávia piquera (Araçatuba, BRAZIL), SOUZA Francisley Ávila (Araçatuba, BRAZIL), VEDOVATTO Eduardo (Campinas, BRAZIL), CARVALHO Paulo sérgio (Araçatuba, BRAZIL)

2VY2Y - Nanometric implant surface associated to L-PRF: microCT evaluation of bone repair in rats.

SCOMBATTI DE SOUZA Sergio (Ribeirão Preto, BRAZIL), GABARRA JR. Jose augusto (Ribeirão Preto, BRAZIL), NÓBREGA Fernando (Ribeirão Preto, BRAZIL), OLIVEIRA Paula (Ribeirão Preto, BRAZIL), BÉRGAMO Edmara (Ribeirão Preto, BRAZIL), BEZERRA Fábio (Ribeirão Preto, BRAZIL), GHIRALDINI Bruna (São Paulo, BRAZIL), SILVEIRA E SOUZA Adriana (Ribeirão Preto, BRAZIL)

BIDIM - Changes of the extracellular physical environment of osteoclast precursors

UETA Miho (Nishinomiya, JAPAN), TAKAOKA Kazuki (Nishinomiya, JAPAN), HATTORI Hirokazu (Nishinomiya, JAPAN), OSHITANI Masayuki (Nishinomiya, JAPAN), TAMAOKA Joji (Nishinomiya, JAPAN), NOGUCHI Kazuma (Nishinomiya, JAPAN), KISHIMOTO Hiromitsu (Nishinomiya, JAPAN)

CZ660 - Evaluation the effect of surface chemistry modification on titanium dental implants related to osteoclastic activity

JUNG Ji-won (Seoul, REPUBLIC OF KOREA), KOAK Jai-young (Seoul, REPUBLIC OF KOREA), HEO Seong-joo (Seoul, REPUBLIC OF KOREA), KIM Seong-Kyun (Seoul, REPUBLIC OF KOREA), KIM Myung-Joo (Seoul, REPUBLIC OF KOREA)

33JV1 - To compare and evaluate the effect of nine different decontamination methods on bacterial elimination effectiveness and surface roughness alterations at the implant surface

ÖNCÜ Elif (Konya, TURKEY), DOĞAN Metin (Konya, TURKEY), DÜNDAR Mehmet akif (Konya, TURKEY)

3UHAT - Comparative study of the fibrin sealant with particulated xenograft in rabbit maxillary sinus: Pilot study

SONG Jae Min (Yangsan-Si, REPUBLIC OF KOREA), WON-HYUK Choi (Yangsan-Si, REPUBLIC OF KOREA)

ALYEB - Evaluation of volumetric changes of 3D printed implant surgical guides after sterilization process.

Tachmatzidis Theodoros (Thessaloniki, GREECE), KAPAGIANNIDIS Ioannis (Thessaloniki, GREECE), DABARAKIS Nikolaos (Thessaloniki, GREECE)

58MBJ - Histological analysis of two biomaterials after socket preservation – Preliminary histological findings

TOMAS Matej (Osijek, CROATIA), ČANDRLIĆ Marija (Osijek, CROATIA), KARL Matej (Osijek, CROATIA), JUZBAŠIĆ Martina (Osijek, CROATIA), MATIJEVIĆ Nikola (Zagreb, CROATIA), PERIĆ KAČAREVIĆ Željka (Osijek, CROATIA), MATIJEVIĆ Marko (Osijek, CROATIA)

70WH2 - Influence of dental implant material and geometry on the MRI artifacts pattern

OLIVEIRA LIMA BOHNER Lauren (Münster, GERMANY), KLEINHEINZ Johannes (Münster, GERMANY), HANISCH Marcel (Münster, GERMANY)

7964A - Prosthetic complications with zirconia single-piece implants using different cementation methods.

SETTEN Nino (Graz, AUSTRIA), KOLLER Martin (Graz, AUSTRIA), REINISCH Manuel (Graz, AUSTRIA), GLOCKNER Karl (Graz, AUSTRIA), JAKSE Norbert (Graz, AUSTRIA), PAYER Michael (Graz, AUSTRIA)

1NM9X - The evaluation of decontamination protocols on moderate rough dental implants - in vitro analysis

FÁTIMA BALDERRAMA Ísis (Araraquara, BRAZIL), Völz Cardoso Matheus (Bauru, BRAZIL), TOLEDO STUANI Vitor (Bauru, BRAZIL), MILANDA RIBEIRO LOPES Marcelo (Bauru, BRAZIL), CARDOSO DE OLIVEIRA Rodrigo (Bauru, BRAZIL), MARCANTONIO JUNIOR Elcio (Araraquara, BRAZIL), AGUIAR GREGHI Sebastião Luiz (Bauru, BRAZIL), CAMPOS PASSANEZI SANTANA Adriana (Bauru, BRAZIL)

PI2GI - Anti-fibronectin Aptamers improve physiologic coagulum patterns and osteoblastic cells behavior.

da COSTA Natacha Malu Miranda (Ribeirão Preto, BRAZIL), MIRANDA Larissa Aguiar (Ribeirão Preto, BRAZIL), DE OLIVEIRA Paulo tambasco (Ribeirão Preto, BRAZIL), PARISI Ludovica (Bern, SWITZERLAND), GHEZZI Benedetta (Parma, ITALY), MACALUSO Guido Maria (Parma, ITALY), PALIOTO Daniela Bazan (Ribeirão Preto, BRAZIL)

GTIC3 - Trends in the level of evidence and impact of clinical studies published in leading oral implantology journals: 2008-2018

YAN Qi (Wuhan, CHINA), WU Xinyu (Wuhan, CHINA), HUA Fang (Wuhan, CHINA), SHI Bin (Wuhan, CHINA)

705X3 - Anti-inflammatory and macrophage polarization effects of Cranberry Proanthocyanidins (PACs) for periodontal and peri-implant disease therapy

GALARRAGA VINUEZA Maria Elisa (Quito, EQUADOR), DOHLE Eva (Frankfurt, GERMANY), Obreja Karina (Frankfurt, GERMANY), SADER Robert (Frankfurt, GERMANY), RAMANAUSKAITE Ausra (Frankfurt, GERMANY), SARAH Almaawi (Frankfurt, GERMANY), GHANAATI Shahram (Frankfurt, GERMANY), MAGINI Ricardo (Florianopolis, BRAZIL), SCHWARZ Frank (Frankfurt, GERMANY)

B2GRT - Fabrication and evaluation of bone mimicking 3D porous hybrid zirconia scaffolds for bone tissue regeneration

PARK Sang-Won (Gwangju, REPUBLIC OF KOREA), LIM Hyun-pil (Gwangju, REPUBLIC OF KOREA), YUN Kwi-dug (Gwangju, REPUBLIC OF KOREA), PARK Chan (Gwangju, REPUBLIC OF KOREA)

ODMOU - Long-term stability and fracture resistance of zirconia-composite based ceramic implants

HARLASS Markus (Freiburg, GERMANY), VACH Kirstin (Freiburg, GERMANY), KOHAL Ralf-Joachim (Freiburg, GERMANY)

OLE41 - Mechanical and biocompatibility properties of a gelatin-collagen-BCP sponge for ridge preservation

KONGPRAJAK Napaporn (Songkhla, THAILAND), PRIPATNANOT Prisana (Songkhla, THAILAND), MEESANE Jirut (Songkhla, THAILAND), THONGLAM Jutakan (Songkhla, THAILAND)

117AW - Gradual complement protein adsorption and macrophage polarization: inflammation & dental implants

ROMERO-GAVILÁN Francisco (Castelló De La Plana, SPAIN), CERQUEIRA Andreia (Castelló De La Plana, SPAIN), ARAÚJO-GOMES Nuno (Enschede, NETHERLANDS), GARCÍA-ARNÁEZ Iñaki (San Sebastián, SPAIN), MARTÍNEZ- RAMOS Cristina (Castelló De La Plana, SPAIN), AZKARGORTA Mikel (Derio, SPAIN), ELORTZA Félix (Derio, SPAIN), OZTURAN Seda (Isatambul, TURKEY), MARTÍN DE LLANO José javier (Valencia, SPAIN), GURRUCHAGA Mariló (San Sebastián, SPAIN), GOÑI Isabel (San Sebastián, SPAIN), SUAY ANTÓN Julio (Castelló De La Plana, SPAIN)

HYX1J - Implantoplasty seems to increase the fracture risk of narrow TL implants during normal chewing

STAVROPOULOS Andreas (Malmö, SWEDEN), BERTEL Kristina (Malmö, SWEDEN), ISIDOR Flemming (Aarhus, DENMARK), VULT VON STEYERN Per (Malmö, SWEDEN)

LBGJP - PSAT1 regulates the proliferation and osteogenic differentiation of periodontal ligament stem cells

JIA Linglu (Jinan, CHINA), ZHANG Yunpeng (Kunming, CHINA), LI Dongfang (Jinan, CHINA), XU Xin (Jinan, CHINA)

OVDL5 - Spin in the abstracts of randomized controlled trials in oral implantology: A cross-sectional analysis

WU Xinyu (Wuhan, CHINA), YAN Qi (Wuhan, CHINA), HUA Fang (Wuhan, CHINA), SHI Bin (Wuhan, CHINA)

AZ227 - Comparison of electron beam melting fabrication of irregularity porous Ti-6Al-4V and Ti-24Nb-4Zr-8Sn titanium alloy Scaffolds: cytocompatibility and osteogenesis

WANG Chao (Guangzhou, CHINA), YU Dongsheng (Guangzhou, CHINA)

HD44I - Evaluation of hydrophilic hydrogel prepared using Cissus quadrangularis in enhancing osseointegration of dental implants- a preliminary research in rabbits.

RICHA ROY Treasa (Bangalore, INDIA), NELOGI Santosh (Belgaum, INDIA), RAMESH Choudhary (Bangalore, INDIA)

DRJNY - Laboratory assessment of the accuracy of two different resins designed for 3D printing for cast metal frameworks and suprastructures.

KATSAROV Stoyan (Varna, BULGARIA), PENCHEV Preslav (Varna, BULGARIA)

NRYKU - Osseointegration of implants placed in the maxillary sinus with a surface modified by conditioning with and without β -tricalcium- phosphate deposition

HADAD Henrique (Araçatuba, BRAZIL), SIMÕES Ana paula (Araçatuba, BRAZIL), JESUS Kátia gonçaves (Araçatuba, BRAZIL), JESUS Laís kawamata (Araçatuba, BRAZIL), SANTOS Ana flávia (Araçatuba, BRAZIL), CERVANTES Lara cristina cunha (Araçatuba, BRAZIL), PADILHA-SILVA Nelson (Jundiaí, BRAZIL), POLI Pier paolo (Milan, ITALY), GARCIA-JÚNIOR Idelmo (Araçatuba, BRAZIL), SOUZA Francisley Ávila (Araçatuba, BRAZIL)

422EI - Osteoblasts behavior on macrot textured zirconia implant surfaces by Nd:YAG laser – in vitro study

CRUZ Mariana (Lisboa, PORTUGAL), FERNANDES Beatriz (Lisboa, PORTUGAL), MARQUES Joana (Lisboa, PORTUGAL), MADEIRA Sara (Braga, PORTUGAL), CARVALHO Oscar (Braga, PORTUGAL), SILVA Filipe (Braga, PORTUGAL), MATA António (Lisboa, PORTUGAL), CARAMÊS João (Lisboa, PORTUGAL)

F4D9V - Pre-freezing conditions of octacalcium phosphate and collagen composite influence bone augmentation

KAMAKURA Shinji (Sendai, JAPAN), YANAGISAWA Toshiki (Sendai, JAPAN), YASUDA Ayato (Sendai, JAPAN), MAKKONEN Ria (Tampere, FINLANDE)

5J9AV - The critical cases of posterior maxilla: the lack of cortical bone versus short plateau implants success.

LINETSKIY Igor (Prague, CZECH REPUBLIC), DEMENKO Vladislav (Kharkov, UKRAINE), NESVIT Vitalij (Kharkov, UKRAINE), LINETSKA Larysa (Kharkov, UKRAINE), YEFREMOV Oleg (Kharkov, UKRAINE), JAYAKUMAR Abilash (Kharkov, UKRAINE),

A15SE - The effect of electrospun silk protein / chitosan (Ca-P) / BMP-7 Composite scaffolds on bone regeneration in vitro and vivo

BU Shoushan (Nanjing, CHINA), YIWEN Zhang (Nanjing, CHINA), GONG Chunling (Nanjing, CHINA)

NVSRW - How do mini implants move in the bone? A microcomputed tomographic analysis in the rat tail

KHALAPH Silava (Bad Oeynhausen, GERMANY), SCHWARZ Frank (Frankfurt, GERMANY), RAUCH Nicole (Düsseldorf, GERMANY), MIHATOVIC Ilja (Düsseldorf, GERMANY), NIENKEMPER Manuel (Düsseldorf, GERMANY), HÜFNER Mira (Düsseldorf, GERMANY), DRESCHER Dieter (Düsseldorf, GERMANY), BECKER Kathrin (Düsseldorf, GERMANY)

YJDAS - In vitro assessment of digital implant impressions accuracy using artificial landmarks

GEDRIMIENE Agne (Vilnius, LITHUANIA), RUTKUNAS Vygandas (Vilnius, LITHUANIA), GENDVILIENE Ieva (Vilnius, LITHUANIA), PLETKUS Justinas (Vilnius, LITHUANIA), AUSKALNIS Liudas (Vilnius, LITHUANIA), JELEVICIUS Darius (Kaunas, LITHUANIA), AKULAUSKAS Mykolas (Kaunas, LITHUANIA), BARAUSKIS Dainius (Kaunas, LITHUANIA), DIRSE Julius (Vilnius, LITHUANIA), BILIUS Vytautas (Vilnius, LITHUANIA)

55PT1 - Scanner type and scan body position effects on the complete-arch digital implant scan accuracy

ÇAKMAK Gülce (Mexico City, MEXICO), YILMAZ Hakan (Istanbul, TURKEY), TREVIÑO SANTOS Alejandro (Mexico City, MEXICO), KÖKAT Ali murat (Istanbul, TURKEY), YILMAZ Burak (Columbus, USA)

267DN - Stability of diameter reduced one-piece zirconia implants. An investigation in the chewing simulator

TRINKNER Anja (Freiburg Im Breisgau, GERMANY), NOLD Julian (Freiburg Im Breisgau, GERMANY), BAGEGNI Aimen (Freiburg Im Breisgau, GERMANY), VACH Kirstin (Freiburg Im Breisgau, GERMANY), KOHAL Ralf-Joachim (Freiburg Im Breisgau, GERMANY)

07IG1 - Sutures and knots resistance to traction: an in vitro study

TIRONI Francesco (Milan, ITALY), AZZOLA Francesco (Milan, ITALY), MORANDI Benedetta (Milan, ITALY), BERTI Francesca (Milan, ITALY), ORLANDO Francesco (Milan, ITALY), VILLA Tomaso (Milan, ITALY), FRANGETTI Luca (Milan, ITALY)

1HOK3 - A modal analysis of a splinted and a NO-splinted superstructure on the three-ranged dental implants placed in a mandibular free end model

SASAKI Takahiro (Bunkyo-Ku, JAPAN), NAKATA Hidemi (Bunkyo-Ku, JAPAN), SUZUKI Akihiro (Bunkyo-Ku, JAPAN), KASUGAI Shohei (Bunkyo-Ku, JAPAN), KURODA Shinji (Bunkyo-Ku, JAPAN)

00VW8 - Bone grafting and Bicon SHORT® implants success: impact of resultant bone quality.

DEMENKO Vladislav (Kharkov, UKRAINE), LINETSKIY Igor (Prague, CZECH REPUBLIC), LINETSKA Larysa (Kharkov, UKRAINE), NESVIT Vitalij (Kharkov, UKRAINE), YEFREMOV Oleg (Kharkov, UKRAINE), JAYAKUMAR Abilash (Kharkov, UKRAINE)

049OX - Clinical outcomes of pterygoid implants: Systematic review and metaanalysis

ARAUJO Rafael (Itabuna, BRAZIL), MOREIRA Rosivaldo (Goiania, BRAZIL), FLÁVIO Neves (Uberlandia, BRAZIL), CURI Marcos (São Paulo, BRAZIL)

EYB7T - Evaluation of the association of enamel matrix derived proteins to biphasic calcium phosphate

MAUAD DE ABREU Fernando Antônio (Belo Horizonte, BRAZIL), CALIJORNE LOURENÇO Ana paula (Belo Horizonte, BRAZIL), GONÇALVES AMARAL Gabriel (Belo Horizonte, BRAZIL), FERNANDES DE MATOS Anne karoline (Belo Horizonte, BRAZIL), SANTOS SILVA Fernanda aparecida (Belo Horizonte, BRAZIL), VILLAMARIN SOARES Rodrigo (Belo Horizonte, BRAZIL)

IKWB9 - Lateral augmentation with different compositions of demineralized bovine bone mineral and autogenous bone graft.

ALUDDEN Hanna (Aalborg, DENMARK), MORDENFELD Arne (Uppsala, SWEDEN), DAHLIN Christer (Göteborg, SWEDEN), HALLMAN Mats (Gävle, SWEDEN), SPIN-NETO Rubens (Aarhus, DENMARK), CEDERLUND Andreas (Stockholm, SWEDEN), STARCH-JENSEN Thomas (Aalborg, DENMARK)

YA522 - Osteoblast behavior on laser-grooved zirconia implant surfaces with different dimensions

MARQUES Joana (Lisboa, PORTUGAL), CRUZ Mariana (Lisboa, PORTUGAL), FERNANDES Beatriz (Lisboa, PORTUGAL), MADEIRA Sara (Braga, PORTUGAL), CARVALHO Oscar (Braga, PORTUGAL), SILVA Filipe (Braga, PORTUGAL), CARAMÊS João (Lisboa, PORTUGAL), MATA António (Lisboa, PORTUGAL)

5KQ94 - Short (\leq 8mm) dental implants: An overview of systematic reviews

PAULETTO Patricia (Florianópolis, BRAZIL), RUALES-CARRERA Edwin (Florianopolis, BRAZIL), MEZZOMO Luis (Florianópolis, BRAZIL), TABA Mario (São Paulo, BRAZIL), GONÇALVES Reginaldo (Quebec, CANADA), FLORES-MIR Carlos (Edmonton, CANADA), DE LUCA CANTO Graziela (Florianópolis, BRAZIL)

CD03G - Survival and complications of CAD/CAM fabricated abutment-crowns supported by titanium bases

PITTA João (Geneva, SWITZERLAND), HJERPE Jenni (Turku, FINLANDE), BURKHARDT Felix (Geneva, SWITZERLAND), FEHMER Vincent (Geneva, SWITZERLAND), MOJON Philippe (Geneva, SWITZERLAND), SAILER Irena (Geneva, SWITZERLAND)

ETM0B - Bacterial inhibition on zirconia after cold atmospheric plasma treatment

YANG Yang (Beijing, CHINA), ZHENG Miao (Beijing, CHINA), TAN Jianguo (Beijing, CHINA)

4DIW9 - Demystifying Dental implants in head and neck oncology patients

ALSAGGAF Arwa U. (London, UK), FENLON Michael r (London, UK), PAOLINELIS George (London, UK), MCGREGOR Scott (Dundee, UK), KARJIKAR Aroob Essa (London, UK)

3XG9I - Effect of thermo-mechanical dynamic loading on the retention of metallic and NO-metallic telescopic mandibular overdentures

ELKABBANY Aya (Kiel, GERMANY), KERN Matthias (Kiel, GERMANY), WILLE Sebastian (Kiel, GERMANY), CHAAR M. sad (Kiel, GERMANY)

VAQMS - Standardized bone micro-morphometry around murine teeth – a micro-CT study

TRELENBERG-STOLL Viktoria (Düsseldorf, GERMANY), DRESCHER Dieter (Düsseldorf, GERMANY), WOLF Michael (Aachen, GERMANY), BECKER Kathrin (Düsseldorf, GERMANY)

LZH7S - A full mouth rehabilitation with the use of 16 implants and 2 CAD/CAM zirconia constructions - a complex surgical and implant-prosthetic treatment. A case report

POPINSKI Jacek (Warszawa, POLAND)

OU32T - Attachment and Proliferation of Mesenchymal Stem Cells on Implant Coated with Chitosan Preliminary Study

ALNUFAIY Banna (Riyadh, SAUDI ARABIA), ALHAMDAN Khalid (Riyadh, SAUDI ARABIA)

SOQIK - Effects of Collagen Membranes with Different Properties in Peri-implant Dehiscence Defects

DOGAN Aylin (Istanbul, TURKEY), COSKUN Zeynep (Istanbul, TURKEY), TÖRE Cem (Istanbul, TURKEY), GULTEKIN Alper (Istanbul, TURKEY), CİNAR Caglar (Istanbul, TURKEY), SAGLANMAK Alper (Istanbul, TURKEY), YALCIN Serdar (Istanbul, TURKEY)

ELBGG - In vitro degradation of magnesium as potential bone substitute in the presence of titanium and PEEK implants

ZIMMERMANN Tycho (Berlin, GERMANY), MÜLLER Wolf dieter (Berlin, GERMANY), SCHWITALLA Andreas (Berlin, GERMANY)

14Q4H - The Effect of Ceramic and Conventional Implant Drill Materials on Heat Generation in Osteotomy Sites

CHAKRABORTY Shreyasi (Birmingham, UK), MOUFTI M adel (Sharjah, ÉMIRATS ARABES UNIS), SEOUDI Noha (Birmingham, UK), PISANI Flavio (Birmingham, UK), ALMASRI Maher (Birmingham, UK)

OKJIY - Biomechanical Analysis of Cancellous Bone Density for Dental Implantation

TUZLALI Mesut (Malatya, TURKEY), ARAL Cüneyt asim (Malatya, TURKEY), ARISAN Volkan (İstanbul, TURKEY), ÖZCAN Mutlu (Zurich, SWITZERLAND),

A4Z0I - Stress distribution with extra short implants in an angled frictional system: in silico analysis

Rendohl Edelcio (Sao Paulo, BRAZIL), BRANDT William (Sao Paulo, BRAZIL)

ESGZC - The peri-implant mucosa at implants with two different geometries of the transmucosal area: a randomized controlled experimental in vivo investigation

PALOMBO David (Madrid, SPAIN), VIGNOLETTI Fabio (Madrid, SPAIN), SANZ ESPORRIN Javier (Madrid, SPAIN), NUÑEZ Javier (Madrid, SPAIN), SANZ Mariano (Madrid, SPAIN)

5GF73 - Abutment election and its importance on implant prognosis

CRISTOFARI Paul Edouard (Nice, FRANCE)

OWL7B - Osteogenic and antimicrobial behaviour of surface functionalized titanium implant with gold nanoparticles. An in vitro study.

NELOGI Santosh (Belgaum, INDIA), AMBI Maheshwari (Belgaum, INDIA), KAUR Kiran (Belgaum, INDIA)

190BA - Peri-implant mucosal tissue thickness influence on peri-implant bone changes.

APSE Ingus Arnolds (Riga, LATVIA), LACIS Rihards (Riga, LATVIA), GONCAROVA Alina (Riga, LATVIA), APSE Pēteris (Riga, LATVIA), PAPARDE Arturs (Riga, LATVIA), SALMS Girts (Riga, LATVIA)

Q51F0 - Ex-vivo comparison of three different gingival phenotype assessment methods – preliminary results

FISCHER Kai (Zurich, SWITZERLAND), BÜCHEL Jasmin (Zurich, SWITZERLAND), SCHMIDLIN Patrick (Zurich, SWITZERLAND),

803ET - Osteoblast and fibroblast response to plasma-functionalized implant surfaces in vitro

RABEL Kerstin (Freiburg, GERMANY), KOHAL Ralf-Joachim (Freiburg, GERMANY), STEINBERG Thorsten (Freiburg, GERMANY), ADOLFSSON Erik (Möln dal, SWEDEN), ALTMANN Brigitte (Freiburg, GERMANY)

9W3RG - The biofilm removal effect of MnO₂-diatom microbubbler on the Dental Prosthetic Surfaces

KIM Myung-Joo (Seoul, REPUBLIC OF KOREA), LEE Eun-hyuk (Seoul, REPUBLIC OF KOREA), YEO In-sung (Seoul, REPUBLIC OF KOREA), KWON Ho-beom (Seoul, REPUBLIC OF KOREA), LIM Young-jun (Seoul, REPUBLIC OF KOREA), KOAK Jai-young (Seoul, REPUBLIC OF KOREA), HEO Seong-joo (Seoul, REPUBLIC OF KOREA)

OB5EC - Dental Implant Treatments Made Appealing

PAKZAD Pedram (Isfahan, IRAN)

2L83W - Evaluation of photofunctionalization and symphytum officinale (Comfrey) surface treatment on osseointegration- An in-vitro study

KHAN Ovais (Belgaum, INDIA), NELOGI Santosh (Belgaum, INDIA), NAYAKAR Ramesh (Belgaum, INDIA), PATIL Anandkumar g (Belgaum, INDIA)

LTYZB - Titanium Implant Surfaces Characterization After Different Surface Treatments

ALMEIDA Tiago (Porto, PORTUGAL), ALVES Alexandra (Guimarães, PORTUGAL), TOPTAN Fatih (Guimarães, PORTUGAL), HERRERO Mariano (Sevilla, SPAIN), VAZ Paula (Porto, PORTUGAL), SAMPAIO-FERNANDES João (Porto, PORTUGAL)

K91MA - Implants made from a novel zirconia material osseointegrate faster than titanium implants. An animal investigation

KOHAL Ralf-Joachim (Freiburg, GERMANY), ADOLFSSON Erik (Möln dal, SWEDEN), CHOPARD-LALLIER Anne-lise (Sallanches, FRANCE), BRUYERE-GARNIER Karine (Lyon, FRANCE), FÜRDERER Tobias (Dortmund, GERMANY), SCHOMER Sven (Dortmund, GERMANY), COURTOIS Nicolas (Sallanches, FRANCE)

EUOBL - Evaluation of the surface topography of the collagen membranes by scanning electron microscopy

MAUAD DE ABREU Fernando Antônio (Belo Horizonte, BRAZIL), G. ZENÓBIO Elton (Belo Horizonte, BRAZIL), BORGES SILVA Gerluza aparecida (Belo Horizonte, BRAZIL), JORGE Erika cristina (Belo Horizonte, BRAZIL)

Clinical innovations

VVD93 - Effect of extracellular matrix on bone regeneration with 3D printed polylactic acid scaffolds

VITOSYTE Milda (Vilnius, LITHUANIA), GENDVILIENE Ieva (Vilnius, LITHUANIA), SIMOLIUNAS Egidijus (Vilnius, LITHUANIA), ALKSNE Milda (Vilnius, LITHUANIA), RASTENIENE Ruta (Vilnius, LITHUANIA), ZALECKAS Linas (Vilnius, LITHUANIA), BUKELSKIENE Virginija (Vilnius, LITHUANIA), RUTKUNAS Vygandas (Vilnius, LITHUANIA)

3F5Q1 - Effects of bioresorbable magnesium-based materials on bone healing: a preclinical study in a large growing-animal model.

HERBER Valentin (Graz, AUSTRIA), CLEMENT B (Graz, AUSTRIA), HOLWEG Patrick (Graz, AUSTRIA), DONOHUE Nicholas (Graz, AUSTRIA), SCHWARZE Uwe yacine (Graz, AUSTRIA), SOMMER Nicole (Graz, AUSTRIA), WEINBERG Annelie-martina (Graz, AUSTRIA)

FR8JS - A 3-year prospective study on a porcine-derived acellular collagen matrix to re-establish convexity at the buccal aspect of single implants in the molar area: a volumetric analysis.

ECKHOUT Celien (Ghent, BELGIUM), BOUCKAERT Eline (Ghent, BELGIUM), VERLEYEN Dagmar (Ghent, BELGIUM), DE BRUYCKERE Thomas (Ghent, BELGIUM), COSYN Jan (Ghent, BELGIUM)

ALSA0 - 12 years of clinical experience with gold shaded titanium abutments

STEVELING Helmut (Gernsbach, GERMANY), DE SAN JOSÉ GONZÁLEZ José (Weinheim, GERMANY)

R9XH2 - Buccal tissue augmentation with a sugar cross-linked collagen matrix: a case series study.

ABUNDO Roberto (Turin, ITALY), DI DOMENICO Andrea (Turin, ITALY), PERELLI Michele (Turin, ITALY)

OEX8L - Adjunctive Subgingival Application of Proanthocyanidins in NOsurgical Periodontal Treatment of Periodontitis: Randomized Controlled Clinical Trial

VEDLUGAITE Evelina (Kaunas, LITHUANIA), PUSINSKAITE Rasa (Kaunas, LITHUANIA), BASEVICIENE Nomeda (Kaunas, LITHUANIA)

E5OC5 - 3D planning of ear prosthesis and navigated flapless surgery for craniofacial implants: a pilot study.

CIOCCA Leonardo (Bologna, ITALY), PELLEGRINO Gerardo (Bologna, ITALY), MARCHETTI Claudio (Bologna, ITALY), TARSITANO Achille (Bologna, ITALY)

U2XG3 - A Study on the Effective Cleaning of Healing Abutment using Healing Abutment Case

KIM Hyeonkyeong (Yongin-Si, REPUBLIC OF KOREA), Na Chaejin (Yongin-Si, REPUBLIC OF KOREA), SONG Younggyun (Cheonan-Si, REPUBLIC OF KOREA), HA Seungryong (Yongin-Si, REPUBLIC OF KOREA), CHO Inho (Yongin-Si, REPUBLIC OF KOREA)

N38OS - Advanced Surgical Navigation System using Augmented Reality Technology

TAKEBAYASHI Akira (Okegawa, JAPAN), KANO Toru (Tokyo, JAPAN)

Q37PY - Use of hens eggshell-derived Anti Bacterial Photodynamic hydrogel as a novel bone graft substitute—A randomized controlled clinical study

NELOGI Santosh (Belgaum, INDIA), AMBI Maheshwari (Belgaum, INDIA)

Q1SM9 - Versatility of Direct Implant Valve Approach in Misch class IV posterior maxilla: A clinical study.

ISMAEIL Ahmed (Qena, EGYPT)

YC8RA - Computer-guided implant placement and full-arch immediate loading with digitally prefabricated provisional prostheses without model: a prospective pilot case series.

MAKAROV Nikolay (Rome, ITALY), POMPA Giorgio (Rome, ITALY), PAPI Piero (Rome, ITALY)

M4E8M - The Vestibular Socket Therapy: A Novel approach for immediate implant placement in defective fresh extraction sockets with or without active socket infection (one arm cohort study)

ELASKARY Abdelsalam (Alexandria, EGYPT), MEABED Motaaz (Alexandria, EGYPT), GAWISH Yasmin (Alexandria, EGYPT), TANTAWY Maha (Alexandria, EGYPT)

UE0VW - Recommendations for dentists during COVID-19

GURZAWSKA-COMIS Kasia (Birmingham, UK), BECKER Kathrin (Düsseldorf, GERMANY), GIULIA Brunello (Padova, ITALY), AGATA Gurzawska (Dublin, IRLANDE), SCHWARZ Frank (Frankfurt, GERMANY)

VEGVX - Composite block sponge proved facilitating bone augmentation

FRIEDMANN Anton (Witten, GERMANY), GOETZ Werner (Bonn, GERMANY)

JN2ZE - Reinforced PMMA in Full Arch Implant-supported Reconstruction: Toward access to Care

STEEN Gary (Phoenix, USA)

Clinical research – peri-implant biology

30D43 - The efficacy of subcrestal implant placement versus flattening of the alveolar ridge in preserving stable peri-implant bone: a comparative clinical study

VELJANOVSKI Darko (Skopje, MACEDONIA), PAPRANIKU Krenar (Tetovo, MACEDONIA), SPIROV Vancho (Skopje, MACEDONIA), BAFTIJARI Denis (Tetovo, MACEDONIA), SUSAK Zoran (Ohrid, MACEDONIA), ATANASOVSKA STOJANOVSKA Aneta (Skopje, MACEDONIA)

Y9ZG9 - Osseointegration of a sandblasted and etched titanium alloy surface in type IV bone: a human histologic evaluation

KIM David m (Boston, USA), SZMUKLER-MONCLER Serge (Misgav, ISRAEL), PARMA BENFENATI Stefano (Ferrara, ITALY), SAVA Cosmin (Bistrita, ROUMANIE), NEVINS Myron (Boston, USA)

6P6M9 - Peri-implant conditions of short and ultra-short implants placed in perio and NO-perio patients.

LOMBARDO Giorgio (Verona, ITALY), SIGNORIELLO Annarita (Verona, ITALY), MARINCOLA Mauro (Cartagena, COLOMBIE), CORROCHER Giovanni (Verona, ITALY), SERPA ROMERO Xiomara (Santa Marta, COLOMBIE), NOCINI Pier francesco (Verona, ITALY)

VICSE - Marginal bone loss in association with different vertical implant positions

NAM Bo-Ram (Daejeon, REPUBLIC OF KOREA), KIM Yeon-tae (Daejeon, REPUBLIC OF KOREA), LEE Jae-hong (Daejeon, REPUBLIC OF KOREA), JEONG Seong-nyum (Daejeon, REPUBLIC OF KOREA)

BWC3Q - Incidence of peri-implant disease in patients with maxillary overdentures during a 10-year follow-up

ONCLIN Pieter (Groningen, NETHERLANDS), SLOT Wim (Groningen, NETHERLANDS), VISSINK Arjan (Groningen, NETHERLANDS), MEIJER Henny (Groningen, NETHERLANDS), RAGHOEBAR Gerry (Groningen, NETHERLANDS)

QRNX5 - Clinical radiographic and immunological effects of surgical treatment of peri-implantitis 1-year longitudinal clinical study

MOURA Guilherme (Niterói, BRAZIL), FISCHER Ricardo (Niterói, BRAZIL)

SYWDF - Risk factors for periimplantitis in partially edentulous patients: a 24-months follow-up study

FORNA Norina (Iasi, ROMANIA), DORIANA Agop-forna (Iasi, ROMANIA)

2LIJK - The impact of implant abutment preparation on proliferation of human gingival fibroblasts

LIAUDANSKAITE Dominyka (Vilnius, LITHUANIA), BORUSEVICIUS Rokas (Vilnius, LITHUANIA), RUTKUNAS Vygasdas (Vilnius, LITHUANIA), BUKELSKIENE Virginija (Vilnius, LITHUANIA), ALKSNE Milda (Vilnius, LITHUANIA), SIMOLIUNAS Egidijus (Vilnius, LITHUANIA), GENDVILIENE Ieva (Vilnius, LITHUANIA), JURGAITYTE Rugile (Vilnius, LITHUANIA),

KXZXX - Tooth movement adjacent to single anterior maxillary implants after 14-20 year follow-up.

WINITSKY Nicole (Stockholm, SWEDEN), NEDELICU Robert (Uppsala, SWEDEN), JEMT Torsten (Gothenburg, SWEDEN), SMEDBERG Jan-ivan (Stockholm, SWEDEN)

LNUKW - Effect of rhBMP-2 on contact osteogenesis: An in vivo experiment using rabbit tibiae

KIM Ung-Gyu (Seoul, REPUBLIC OF KOREA), LIM Young-jun (Seoul, REPUBLIC OF KOREA), KWON Ho-beom (Seoul, REPUBLIC OF KOREA), KIM Myung-Joo (Seoul, REPUBLIC OF KOREA), YEO In-sung (Seoul, REPUBLIC OF KOREA)

PBIE1 - Five-year survival of short and ultra-short implants placed in the posterior maxilla and mandible.

LOMBARDO Giorgio (Verona, ITALY), SIGNORIELLO Annarita (Verona, ITALY), MARINCOLA Mauro (Cartagena, COLOMBIE), LIBONI Pietro (Verona, ITALY), PIGHI Jacopo (Verona, ITALY), VILA SIERRA Luis armando (Santa Marta, COLOMBIE), NOCINI Pier francesco (Verona, ITALY)

HGVPN - Influence of magnetized abutment on biological seal of the implant–soft tissue interface by reconstructed human gingiva (RHG) model.

AMBI Maheshwari (Belgaum, INDIA) NELOGI Santosh (Belgaum, INDIA)

JN2AS - Prevalence of peri-implant disease in fixed full-arch implant-supported with internal conical connection a clinical and radiographic analysis: preliminary data

MICHELS Roberta (Florianópolis, BRAZIL), CORRÊA Bruna (Florianópolis, BRAZIL), BENFATTI Cesar (Florianópolis, BRAZIL), APAZA-BEDOYA Karin (Florianópolis, BRAZIL), DIAS Madalena (Florianópolis, BRAZIL), RUALES-CARRERA Edwin (Florianópolis, BRAZIL), BIANCHINI Marco Aurélio (Florianópolis, BRAZIL)

7Y9VZ - The effect of ceramic reinforced polyether-ether- ketone (PEEK) abutments on peri-implant tissues: a randomized controlled clinical trial – preliminary data.

KOLLER Martin (Graz, AUSTRIA), SPRINZ Alexander (Graz, AUSTRIA), FRANCISCO Helena (Lisbon, PORTUGAL), CHEN Andre (Lisbon, PORTUGAL), STEYER Elisabeth (Graz, AUSTRIA), THEISEN Kerstin (Graz, AUSTRIA), SOKOLOWSKI Alwin (Graz, AUSTRIA), AREFNIA Behrouz (Graz, AUSTRIA), JAKSE Norbert (Graz, AUSTRIA), PAYER Michael (Graz, AUSTRIA)

03IXP - The influence of simultaneous lateral grafting on clinical outcomes following one-stage implant placement A cross-sectional analysis

RAMANAUSKAITE Ausra (Frankfurt Am Main, GERMANY), Obreja Karina (Frankfurt Am Main, GERMANY), BEGIC Amira (Frankfurt Am Main, GERMANY), PARVINI Puria (Frankfurt Am Main, GERMANY), SCHWARZ Frank (Frankfurt Am Main, GERMANY)

2TYW4 - Colorvue biotype probe – A new method for the assessment of the gingival thickness?

BERTL Kristina (Malmö, SWEDEN), AL-HOTHEIRY Mehdi (Malmö, SWEDEN), SUN David (Malmö, SWEDEN), OLOFSSON John (Malmö, SWEDEN), LETTNER Stefan (Vienna, AUSTRIA), GOTFREDSSEN Klaus (Copenhagen, DENMARK), STAVROPOULOS Andreas (Malmö, SWEDEN)

K3YYC - Implants with conical and platform switching connection: a cohort study with 5 years of follow-up

PALAZZOLO Antonino (Milano, ITALY), ROSSI Alessandro (Milan, ITALY), LOPS Diego (Milan, ITALY)

IKSSZ - Changes of the atrophic maxillary alveolar bone and treatment success 10 years after placement of implants simultaneously with transalveolar sinus floor elevation; A retrospective analysis

HEINEN Franka (Bonn, GERMANY), MIZANI Iman (Lausanne, SWITZERLAND), BROESELER Frank (Aachen, GERMANY)

NPSIC - Clinical and Radiographic Assessment of Circular Versus Triangular cross-section neck Implants in the Posterior Maxilla: A 3-year follow-up.

LIEGEOIS Lemmy (Liège, BELGIUM)

UK41F - Influence of diabetes on implant failure and peri-implant diseases

MORANDI Paolo (Milan, ITALY), ALBERTI Alice (Milan, ITALY), CORBELLA Stefano (Milan, ITALY), FRASCOLINO Caterina (Milan, ITALY), FRANGETTI Luca (Milan, ITALY)

VS1PZ - Osseointegration around laser modified surface implants with and without hydroxyapatite coating. Topographic characterization and biomechanical analyze

SOUZA Francisley Ávila (Araçatuba, BRAZIL), CAPALBO-SILVA Rodrigo (Araçatuba, BRAZIL), QUEIROZ Thallita pereira (Araraquara, BRAZIL), OKAMOTO Roberta (Araçatuba, BRAZIL), OLIVEIRA Sandra helena penha (Araçatuba, BRAZIL), GUASTALDI Anatônio carlos (Araraquara, BRAZIL), HADAD Henrique (Araçatuba, BRAZIL), SANTOS Ana flávia piquera (Araçatuba, BRAZIL), JESUS Laís kawamata (Araçatuba, BRAZIL), POLI Pier paolo (Milan, ITALY)

IWULT - The effect of soft tissue thickness on crestal bone loss of early loaded implants

SAGLANMAK Alper (Istanbul, TURKEY), GULTEKIN Alper (Istanbul, TURKEY), CİNAR Caglar (Istanbul, TURKEY), KARABUDA Cuneyt (Istanbul, TURKEY), SZMUKLER-MONCLER Serge (Misgav, ISRAEL)

HWIH7 - Implant and prosthetic factors associated to peri-implantitis prevalence

BIANCHINI Marco Aurélio (Florianópolis, BRAZIL), APAZA-BEDOYA Karin (Florianópolis, BRAZIL), CORRÊA Bruna (Florianópolis, BRAZIL), GALARRAGA VINUEZA Maria Elisa (Florianópolis, BRAZIL), ESCOBAR Mario (Florianópolis, BRAZIL), BENFATTI Cesar (Florianópolis, BRAZIL)

9NOPT - Periimplantitis with and without abutment changes 10 years after implant placement

KREBS Mischa (Alzey, GERMANY), GREILICH Lucas (Frankfurt Am Main, GERMANY), WEIGL Paul (Frankfurt Am Main, GERMANY)

8LMMS - Frequency of Proximal contact loss between implant supported fixed prosthesis and adjacent natural teeth and associated factors

GUL Meisha (Karachi, PAKISTAN), ZAFAR Kamil (Karachi, PAKISTAN), GHAFLOOR Robia (Karachi, PAKISTAN), Khan Farhan Raza (Karachi, PAKISTAN)

FBSSY - Influence of ridge preservation on marginal bone loss in single unit implant restorations

ZLATEV Stefan (Plovdiv, BULGARIA), IVANOVA Vasilena (Plovdiv, BULGARIA), CHENCHEV Ivan (Plovdiv, BULGARIA), TODOROV Rangel (Sofia, BULGARIA), CHENCHEV Lubomir (Plovdiv, BULGARIA)

92IOS - Prevalence of peri-implantitis in long term follow-up of 397 patients with 841 implants in private office

CARLS Peter F. (Lugano Pregassona, SWITZERLAND), ZITZMANN Nicola u. (Basel, SWITZERLAND), BERNASCONI Marco (Zurich, SWITZERLAND), CARINCI Francesco (Ferrara, ITALY), CANDOTTO Valentina (Ferrara, ITALY), LAWRENCE Mark (Wallingford / Oxfordshire, UK), WILLE Jens (Oxford, UK), MORRIS Carlton (Aylesbury, Oxfordshire, UK), WINTER Joel (Oxford, UK), MOLYNEUX Dan (Oxford, UK), SHINH Arjun (Bicester, Oxfordshire, UK), PATSOURAKOS Agis (Oxford, UK), PINKERTON Stuart (Wallingford, Oxfordshire, UK), LAMBRECHT J. thomas (Basel, SWITZERLAND)

P7P0L - The prevalence of peri-implant disease for subcrestally inserted implants: A cross sectional study

Obreja Karina (Frankfurt, GERMANY), RAMANAUSKAITE Ausra (Frankfurt, GERMANY), BEGIC Amira (Frankfurt, GERMANY), GALARRAGA VINUEZA Maria Elisa (Quito, EQUADOR), SADER Robert (Frankfurt, GERMANY), SCHWARZ Frank (Frankfurt, GERMANY)

KDYJ2 - Evaluation of two different approaches in type 2 diabetic patients: 2-year outcomes of a split-mouth RCT

GHIRALDINI Bruna (São Paulo, BRAZIL), CORRÊA Mônica (São Paulo, BRAZIL), VIEIRA RIBEIRO Fernanda (São Paulo, BRAZIL), PERES PIMENTEL Suzana (São Paulo, BRAZIL), RIBEIRO CIRANO Fabiano (São Paulo, BRAZIL), FARIA DENÓFRIO Pedro henrique (São Paulo, BRAZIL), CONTE Alexandre (São Paulo, BRAZIL), ZAFFALON CASATI Marcio (São Paulo, BRAZIL)

NL6QV - Marginal bone maintenance around implants placed in subcrestal level: a 2 to 9 years retrospective study

LOPS Diego (Milan, ITALY), PALAZZOLO Antonino (Milano, ITALY), ROMEO Eugenio (Milan, ITALY)

4Y3IM - A multicenter cohort study on the impact of the one-abutment one-time concept on marginal bone loss around bone level implants: a multivariate analysis

LAMBRECHTS Tijts (Ghent, BELGIUM), COSYN Jan (Ghent, BELGIUM), DOORNEWAARD Ron (Ghent, BELGIUM), DE BRUYCKERE Thomas (Ghent, BELGIUM), MATTHIJS Liesbet (Sint-Martens-Latem, BELGIUM), DESCHEPPER Ellen (Ghent, BELGIUM)

CZUHN - Comparison of two abutment connection in immediate loading in edentulous arch. One year follow up.

VASINA Michele (Rome, ITALY), GHIRLANDA Giovanni (Rome, ITALY), MATÈ SANCHEZ DE VAL José eduardo (Murcia, SPAIN), BORGONOVO Andrea enrico (Milan, ITALY)

HTVZG - Healing events observed in diabetic and NO-diabetic patients after placement of narrow-diameter implants in posterior edentulous maxilla or mandible – a case control study.

DIEHL Daniel (Wetter, GERMANY), BILHAN Hakan (Witten, GERMANY), FRIEDMANN Anton (Witten, GERMANY)

IC85R - Local tissue effects and peri-implant bone original architecture recovery induced by implants micro- and nanotopography: an in vivo study in the sheep

ROUSSEAU Nicolas (La Rochelle, FRANCE), MSOLLI Inès (La Rochelle, FRANCE), CHABRAND Patrick (Marseille, FRANCE), DESTAINVILLE Arnaud (La Rochelle, FRANCE), RICHART Olivier (La Rochelle, FRANCE), MILAN Jean-YESs (Marseille, FRANCE)

B9WM7 - Socket-Shield Technique as a savior for Peri-implant tissues

BISSAR Mohamed (Cairo, EGYPT), ELMOFTY Mohamed (Cairo, EGYPT), ABDELGHAFAR Khaled (Cairo, EGYPT)

LEGK6 - The prevalence of peri-implant disease following immediate implant placement and loading A cross-sectional analysis after 2 to 10-years

PARVINI Puria (Frankfurt Am Main, GERMANY), Obreja Karina (Frankfurt Am Main, GERMANY), BECKER Kathrin (Düsseldorf, GERMANY), BEGIC Amira (Frankfurt Am Main, GERMANY), SCHWARZ Frank (Frankfurt Am Main, GERMANY), RAMANAUSKAITE Ausra (Frankfurt Am Main, GERMANY)

KWN4B - Comparison of Crestal Bone Changes Bucco-Lingually after Immediate and Delayed Implant Placement: A Clinico-Radiographic Study

KAUR Harjot (Ahmedabad, INDIA), KUMAR Santosh (Ahmedabad, INDIA)

OUMY2 - Could implant macro-design influence peri-implantitis development? A retrospective study

RAKASEVIC Dragana (Belgrade, SERBIA), SOLDATOVIC Ivan (Belgrade, SERBIA), LAZIC Zoran (Belgrade, SERBIA)

SJ3Z8 - Improving the soft tissue in the mandibular lateral area by using the short gingivaformer and collagen fleece

OBĂDAN Florian (Alexandria, ROMANIA), BUCUR Mihai (Bucharest, ROMANIA), LAMBRACHE Anamaria (Targu Jiu, ROMANIA), AWONUSI Olaitan (Ulm, GERMANY)

BXKIQ - Marginal bone level and biologic width dynamics in tissue-level and bone-level implants

NOVÁK Zdeněk (Prague, CZECH REPUBLIC) NESVADBA Radim (Prague, CZECH REPUBLIC), STRNAD Jakub (Prague, CZECH REPUBLIC), KAMPRLÉ Jan (Prague, CZECH REPUBLIC), STRNAD Zdeněk (Prague, CZECH REPUBLIC)

CVYCL - Wound healing and PMN function at hydrophilic-surface titanium-zirconium implants in diabetic and healthy patients

KANER Doğan (Witten, GERMANY), BILHAN Hakan (Witten, GERMANY), HAUSER Amelie (Witten, GERMANY), DIEHL Daniel (Witten, GERMANY), FRIEDMANN Anton (Witten, GERMANY)

2USN6 - The effect of antimicrobial photodynamic therapy in the osseointegration of immediately implants placed in a more compromised healing situation such as ligature-induced periodontitis in dogs.

REIS Marilia Bianchini Lemos (Ribeirao Preto, BRAZIL), MANDETTA Carolina de Moraes Rego (Ribeirao Preto, BRAZIL), NOVAES JUNIOR Arthur Belém (Ribeirao Preto, BRAZIL)

5V07Z - What is the impact of periapical lesions on survival and success of immediately placed implants?

MUSLU Emre (Antalya, TURKEY), ALTAY Mehmet Ali (Antalya, TURKEY)

4RK10 - A retrospective study on systemic factors affecting marginal bone loss and success rate of implants

CHOI Jeongin (Gwangju, REPUBLIC OF KOREA), LEE Eunwoo (Gwangju, REPUBLIC OF KOREA), Kim Bohyun (Gwangju, REPUBLIC OF KOREA), KIM Oksu (Gwangju, REPUBLIC OF KOREA)

5S432 - Analysis of Implant Associated Medication related osteonecrosis of the jaw: Retrospective clinical study

JANG Dongkyu (Seoul, REPUBLIC OF KOREA), KIM Jin-Woo (Seoul, REPUBLIC OF KOREA)

BQP4U - Comparison of immediately loaded, submerged and transmucosal healed implants: Preliminary results

SOKOLOWSKI Armin (Graz, AUSTRIA), SOKOLOWSKI Alwin (Graz, AUSTRIA), THEISEN Kerstin (Graz, AUSTRIA), LORENZONI Martin (Graz, AUSTRIA), PAYER Michael (Graz, AUSTRIA), WEGSCHEIDER Walther (Graz, AUSTRIA)

XE9L4 - 3-year follow-up of the NobelActive implant.

DE GREEF Alexander (Leuven, BELGIUM), DE MARS Greet (Leuven, BELGIUM), VANDAMME Katleen (Leuven, BELGIUM), COUCKE Wim (Brussels, BELGIUM), TEUGHELS Wim (Leuven, BELGIUM), QUIRYNEN Marc (Leuven, BELGIUM)

8DH8D - Effects of the local administration of antibiotics on bone formation around dental implants in animal models: a systematic review and meta-analysis

Alenezi Ali (Burydah, SAUDI ARABIA), BRUNO Chrcanovic (Malmö, SWEDEN)

AR89U - Osseointegration of implants manufactured in Ti-cp or Ti6Al4V or without modified surface laser ablation. Topographic characterization and biomechanical analysis

SOUZA Francisley Ávila (Araçatuba, BRAZIL), JESUS Laís Kawamata (Araçatuba, BRAZIL), HADAD Henrique (Araçatuba, BRAZIL), SANTOS Ana Flávia Piquera (Araçatuba, BRAZIL), QUEIROZ Thallita Pereira (Araraquara, BRAZIL), OKAMOTO Roberta (Araçatuba, BRAZIL), POLI Pier Paolo (Milan, ITALY), GUASTALDI Anatônio Carlos (Araraquara, BRAZIL), MAIORANA Carlo (Milan, ITALY)

4BS98 - PES in relation to buccal plate thickness and jumping distance: A 8 year cohort retrospective study

PATIL Ratnadeep (Mumbai, INDIA), DILBAGHI Anjali (Mumbai, INDIA)

WGYAG - Zirconia implants: Could they be the future?

PAPAMANOLI Eirini (Athens, GREECE), TRIANTAFYLLOU Vasiliki Eftychia (Zografos, GREECE), ARAPI Ioulia (Athens, GREECE), CHRISTOPOULOS Panos (Athens, GREECE)

Clinical research – prosthetics

5TAIK - Evaluation of OHRQoL and patient satisfaction in 3 implant retained mandibular overdentures: A RCT

KAZI Sana (Mumbai, INDIA), KHEUR Supriya (Pune, INDIA), KHEUR Mohit (Pune, INDIA), Hyder Syed Afifuddin (Pune, INDIA), LAKHA Tabrez (Mumbai, INDIA)

CV09P - Effect of Implant Crown Cementation Techniques on Residual Cement: A Randomized Clinical Trial

CORDANOĞLU EREN Nuray (Istanbul, TURKEY), MUHTAROĞULLARI Mehmet (Ankara, TURKEY), AKCA Kivanc (Ankara, TURKEY)

W7LQB - Five years prosthetic outcome of a mandibular 2-implant overdenture on stud abutment.

MATTHYS Carine (Ghent, BELGIUM), DOORNEWAARD Ron (Nijmegen, NETHERLANDS), DE BRUYN Hugo (Ghent, BELGIUM),

SQDXT - Interproximal contact loss at implant sites: a retrospective study with a 10-year follow-up

GASSER Thomas J.W. (Zürich, SWITZERLAND), PAPAGEORGIOU Spyridon (Zurich, SWITZERLAND), ELIADES Ted (Zurich, SWITZERLAND), HÄMMERLE Christoph (Zurich, SWITZERLAND), THOMA Daniel (Zurich, SWITZERLAND)

4LW4M - A systematic review of the clinical performance of ceramic single crowns and fixed partial dentures on ceramic implants

SPITZNAGEL Frank (Düsseldorf, GERMANY), BALMER Marc (Zurich, SWITZERLAND), WIEDEMEIER Daniel (Zurich, SWITZERLAND), JUNG Ronald (Zurich, SWITZERLAND), GIERTHMUEHLEN Petra (Düsseldorf, GERMANY)

KU3HT - Immediate restoration of immediate implants with delayed functional loading: 5-year results of 2-piece „table-top“ implant crowns (Project Mozart)

POMMER Bernhard (Vienna, AUSTRIA), MAILATH-POKORNY Georg (Vienna, AUSTRIA), BUSENLECHNER Dieter (Vienna, AUSTRIA), HAAS Robert (Vienna, AUSTRIA), MILLESI Werner (Vienna, AUSTRIA), FUERHAUSER Rudolf (Vienna, AUSTRIA)

DQQSC - Screw-retained monolithic zirconia implant restorations supported by titanium base abutments produced with complete digital work-flow: a retrospective cohort up-to 4-year follow-up

KARASAN Duygu (Geneva, SWITZERLAND), SAILER Irena (Geneva, SWITZERLAND), DEMIR Fatmanur (Ankara, TURKEY), AKCA Kivanc (Ankara, TURKEY)

PD8XB - Preliminary results of a randomized controlled trial of submerged vs. NO-submerged dental implants: a split-mouth design

LIMONES Alvaro (Madrid, SPAIN), MOLINERO-MOURELLE Pedro (Bern, SWITZERLAND), RAMÍREZ Danid (Madrid, SPAIN), SUÁREZ RIVAYA Javier (Madrid, SPAIN), ROMEO-RUBIO Marta (Madrid, SPAIN), GOMEZ-POLO Miguel (Madrid, SPAIN), MARTÍNEZ VÁZQUEZ DE PARGA Juan antonio (Madrid, SPAIN), CELEMÍN Alicia (Madrid, SPAIN)

9MYHZ - Gingival Support Improves the Accuracy of Intraoral Peri-implant Soft-tissue Scan

XIONG Jiabi (Wuhan, CHINA) SUN Wei (Wuhan, CHINA), SHI Bin (Wuhan, CHINA)JI Wei (Wuhan, CHINA)

72X1I - Clinical and radiological performance and complications of zirconia implant bridges up to 12 years on function

ARCURI Lorenzo (Roma, ITALY), LIO Fabrizio (Rome, ITALY), FABBRI Giacomo (Cattolica, ITALY), SINGER Guido (Merano, ITALY), LONDONO Jimmy (Augusta, USA), POZZI Alessandro (Augusta, USA)

K9ML5 - A retrospective analysis comparing two prosthetic protocols for immediate loading of 328 implants.

VASINA Michele (Rome, ITALY), GHIRLANDA Giovanni (Rome, ITALY), MATÈ SANCHEZ DE VAL José eduardo (Murcia, ITALY), BORGONOVO Andrea enrico (Milan, ITALY)

5BE4T - Accuracy of intraoral scans – An in vivo study using different scanning devices.

KERNEN Florian (Freiburg, GERMANY), SCHLAGER Stefan (Freiburg, GERMANY), SEIDEL ALVAREZ Veronica (Freiburg, GERMANY), MEHRHOF Jürgen (Berlin, GERMANY), VACH Kirstin (Freiburg, GERMANY), KOHAL Ralf-Joachim (Freiburg, GERMANY), NELSON Kajta (Freiburg, GERMANY), FLÜGGE Tabea (Berlin, GERMANY)

073KU - Fixed partial restorations made of a new zirconia-reinforced lithium silicate material: a preliminary report.

DEGIDI Marco (Bologna, ITALY), NARDI Diego (Bologna, ITALY), SIGHINOLFI Gianluca (Bologna, ITALY)

B8CID - Implant component fracture in bone level implants

JIN Xiaoting (Hangzhou, CHINA) GUAN Ye (Hangzhou, CHINA), REN Jie (Lishui, CHINA), , ZHAO Yanwei (Hangzhou, CHINA), HE Fuming (Hangzhou, CHINA), WANG Xiaoxiang (Hangzhou, CHINA)

W8HJV - Prospective assessment of CAD/CAM lithium disilicate abutment and lithium disilicate lamina veneer restorations: 2 year results

YILMAZ Caner (Istanbul, TURKEY), SALTAN Dogac (Istanbul, TURKEY), AKTUNC Aslisah (Istanbul, TURKEY), OFLUOGLU Duygu (Istanbul, TURKEY), BALCIOGLU Nilufer (Istanbul, TURKEY), ERSANLI Selim (Istanbul, TURKEY)

45DE7 - Proximal contact alterations between implant-supported restorations and adjacent teeth in the posterior region: A 3-month prospective study

HALLAGE-HABRE Pascale (Beirut, LEBANON) BUCKER Solange (Beirut, LEBANON)

Q4IVC - Clinical assessment of plaque accumulation capacity of 3D printed temporary screw retained crowns, compared to resin and composite based temporary screw retained crowns on single implants

KATSAROV Stoyan (Varna, BULGARIA), GEORGIEV Delyan (Varna, BULGARIA)

Z73D3 - Comparison of major biological and technical complications between hybrid resin and zirconia FTI-FDPs

ODA Yukari (Tokyo, JAPAN), MORI Gentaro (Tokyo, JAPAN), IJIMA Toshikazu (Tokyo, JAPAN), YAJIMA Yasutomo (Tokyo, JAPAN)

LOOQZ - “Reuse of Healing Abutment- A Controversy”

KHAN Ovais (Belgaum, INDIA), NAYAKAR Ramesh (Belgaum, INDIA), PATIL Anandkumar g (Belgaum, INDIA)

H8D0D - Up to 10 years analysis of implant-supported and tooth-implant-supported fixed restorations - a RCT

LUTHARDT Ralph (Ulm, GERMANY), GROELLER Sebastian (Ulm, GERMANY), MARTIN Thomas (Ulm, GERMANY), BAUR Julia (Ulm, GERMANY), SCHNUTENHAUS Sigmar (Ulm, GERMANY), RUDOLPH Heike (Ulm, GERMANY), QUAAS Sebastian (Ulm, GERMANY)

UEC1B - The Conometric Concept: definitive rehabilitation of the single posterior implant using the Acuris abutment: a preliminary report

DEGIDI Marco (Bologna, ITALY), NARDI Diego (Bologna, ITALY), SIGHINOLFI Gianluca (Bologna, ITALY), DEGIDI Davide (Bologna, ITALY), PIATTELLI Adriano (Chieti, ITALY)

87UGO - Clinical performance of one-piece screw-retained implant crowns based on CAD/CAM hand-veneered zirconium dioxide customized abutments with a 6 years and 7 months mean follow-up

FONSECA Manrique (Bern, SWITZERLAND), MOLINERO MOURELLE Pedro (Bern, SWITZERLAND), FORRER Fiona (Bern, SWITZERLAND), SCHNIDER Nicole (Bern, SWITZERLAND), SCHIMMEL Martin (Bern, SWITZERLAND), BRÄGGER Urs (Bern, SWITZERLAND)

9XB79 - Implant-prosthetic rehabilitation of patients with and without head and neck cancer therapy: a retrospective long-term study

SCHWEPPE Felix (Berlin, GERMANY), PIERALLI Stefano (Freiburg, GERMANY), SACHSE Claudia (Berlin, GERMANY), NAHLES Susanne (Berlin, GERMANY), SPIES Benedikt C. (Freiburg, GERMANY), HEILAND Max (Berlin, GERMANY)

34LWK - A 4-year retrospective study of survival of implant-supported zirconia-based hybrid-abutment crowns

BOUKHRIS Hanen (Sousse, TUNISIE), ZIDANI Hajer (Sousse, TUNISIE), BOUSLAMA Ghada (Sousse, TUNISIE), HAJJAMI Hayet (Sousse, TUNISIE)

XL8AM - Optimizing complex full arch rehabilitation by initial provisional and final CAD/CAM suprastructures

NEUGEBAUER Jörg (Landsberg, GERMANY), FRANK Kistler (Landsberg, GERMANY), SIEGFRIED Weis (Landsberg, GERMANY), STEPHAN Adler (Landsberg, GERMANY), STEFFEN Kistler (Landsberg, GERMANY)

YLQFI - Interplay of different cancer treatments on dental implants: Retrospective analysis of a cohort

ALSAGGAF Arwa U. (London, UK), HARIA Sonam (London, UK), PAOLINELIS George (London, UK), FENLON Michael r (London, UK), KARJIKAR Aroob Essa (London, UK)

Clinical research – surgery

BSIZK - Bone formation and bone implant contact in diabetic patients; A histomorphometry human study

SAM Lyly (Chiang Mai, THAILAND), KHONGKHUNTHIAN Pathawee (Chiang Mai, THAILAND)

ZTXQ0 - Effect of Intrasulcular vs papilla based incision on periodontal parameters in periapical surgery: A Systematic Review & Meta-Analysis

JAMAL Shizrah (Karachi, PAKISTAN), GUL Meisha (Karachi, PAKISTAN), GHAFOOR Robia (Karachi, PAKISTAN), Khan Farhan Raza (Karachi, PAKISTAN)

OCO6F - Short implants (<8mm) versus longer implants (≥8mm) with lateral sinus floor augmentation in posterior atrophic maxilla: A meta-analysis of RCT's in humans.

ANGLADA BOSQUED Albert (Barcelona, SPAIN)

P07RZ - Influence of soft tissue thickness on the marginal bone level around implants.

DOMINIAK Marzena (Wrocław, POLAND) HADZIK Jakub (Wrocław, POLAND), PUZIO Monika (Wrocław, POLAND)

RUQUI - Long-term success rates of implants with guided bone regeneration or bone grafting

KIM Oksu (Gwangju, REPUBLIC OF KOREA), CHOI Jeongin (Gwangju, REPUBLIC OF KOREA), Kim Bohyun (Gwangju, REPUBLIC OF KOREA), DONGHYUN Seo (Gwangju, REPUBLIC OF KOREA)

I2XFT - Oral aperture as a main limitation of the guided surgery.

PERELLÓ LÓPEZ-BOADO Anna (Barcelona, SPAIN), ORTEGA-MARTINEZ Jordi (Barcelona, SPAIN), SALOMÓ Oscar (Barcelona, SPAIN), HERNANDEZ-ALFARO Federico (Barcelona, SPAIN), GARGALLO ALBIOL Jordi (Barcelona, SPAIN)

MSI9X - Recognizing the peak bone mass (age 30) as a cutoff point to achieve the success of orthodontic implants.

CHEN Chun Ming (Kaohsiung, TAIWAN)

4011E - Dentin particulate autograft for alveolar ridge augmentation – a pilot clinical study

MARKOVIĆ Luka (Pula, CROATIA), SMOJVER Igor (Zagreb, CROATIA), MARKO Vuletić (Zagreb, CROATIA), KATANEC Tomislav (Zagreb, CROATIA), PELIVAN Ivica (Zagreb, CROATIA), GABRIĆ Dragana (Zagreb, CROATIA)

5H6DG - Long-term stability of alveolar ridge augmentation in the esthetic area – 5-year results of a RCT

RIEDER Dominik (Donauwoerth, GERMANY), KLINGERT David (Homburg, GERMANY), HECKMANN Siegfried (Homburg, GERMANY)

ZPRS8 - Mandibular reconstruction using patient-specific pre-bent titanium plate following 3D-printing.

GOUTZANIS Lampros (Athens, GREECE) CHATZICHALEPLI Chara (Koridallos, GREECE), GKOUTZANI Zacharoula-dimitra (Athens, GREECE), AVGOUSTIDIS Dimitrios (Athens, GREECE), SERGIS Konstantinos (Athens, GREECE)

MG78Z - Quality of Life in Head and Neck Cancer patients following their dental rehabilitation: A 12-year retrospective study

PATEL Sapna (Taunton, UK), POLLARD Alexander (Taunton, UK), GARNER Sarah (Taunton, UK), JERREAT Matthew (Taunton, UK)

8G683 - Ultrasound & CBCT analysis of blood flow & dimensions of lingual vascular canal: A Case Control study

KAZI Sana (Mumbai, INDIA), LAKHA Tabrez (Mumbai, INDIA), KHEUR Mohit (Pune, INDIA), KHEUR Supriya (Pune, INDIA), LAKHA Ameera (Mumbai, INDIA)

JAA2X - Immediate implanto- prosthetic rehabilitation after socket shield technique of implant placement 6 years follow up - a clinical study

MARKOVIĆ Luka (Zagreb, CROATIA) SMOJVER Igor (Zagreb, CROATIA), DRAŽENA Gerbl (Zagreb, CROATIA), MARKO Vuletić (Zagreb, CROATIA), , SUŠIĆ Mato (Zagreb, CROATIA), GABRIĆ Dragana (Zagreb, CROATIA), DAVOR Katanec (Zagreb, CROATIA)

BESZT - Autologous tooth roots for lateral alveolar ridge augmentation – 1 year follow up a pilot clinical study

MARKOVIĆ Luka (Zagreb, CROATIA) SMOJVER Igor (Zagreb, CROATIA), SUŠIĆ Mato (Zagreb, CROATIA), MARKO Vuletić (Zagreb, CROATIA), , GERBL Dražena (Zagreb, CROATIA), GABRIĆ Dragana (Zagreb, CROATIA), DAVOR Katanec (Zagreb, CROATIA)

KWPNO - Clinical and histological comparison of collagen matrix and connective tissue graft in the treatment of deep single recessions: experimental study

BALANDINA Margarita (Moscow, RUSSIA), KOBOZEV Michael (Moscow, RUSSIA), MURAEV Aleksandr (Moscow, RUSSIA), IVANOV Sergey (Moscow, RUSSIA)

KNVEI - Simvastatin enhances bone regeneration in post-extraction sockets: a triple-blind, parallel-arm, randomized clinical trial

MORASCHINI Vittorio (Niterói, BRAZIL), de Almeida Daniel (Niterói, BRAZIL)

9ZD1 - A 10-year prospective study on single immediate implants

SEYSSENS Lorenz (Ghent, BELGIUM), EGHBALI Aryan (Ghent, BELGIUM), COSYN Jan (Ghent, BELGIUM)

V6ACV - Efficacy of preemptive ibuprofen with paracetamol in lower third molar surgery: randomized control trial.

AREEWATTANA Thippapa (Hatyai, THAILAND), VITTAYAKITTIPONG Pichai (Hatyai, THAILAND)

U20EX - GBR using NO-resorbable membranes and simultaneous implant placement. A comparative retrospective study.

HASSFURTHER Nicolas (Giessen, GERMANY), HASSFURTHER Norbert (Wettenberg, GERMANY), PONS-KÜHNEMANN Jörn (Giessen, GERMANY), HOWALDT Hans-peter (Giessen, GERMANY), SCHAAF Heidrun (Giessen, GERMANY)

L1RKA - Immediate implant, alveolar ridge preservation and Sealing Socket Abutment: 3D radiographic analysis

ALEXOPOULOU Marianzela (Liege, BELGIUM), LAMBERT France (Liege, BELGIUM), KNAFO Bryan (Paris, FRANCE), POPELUT Antoine (Bordeaux, FRANCE), VANDENBERGHE Bart (Brussels, BELGIUM), FINELLE Gary (Paris, FRANCE)

4T8GM - Efficacy of resorbable collagen membrane on alveolar bone graft of cleft alveolus

Singkhorn Thidarat (Hatyai, Songkhla, THAILAND), PRIPATNANOT Prisana (Hatyai, Songkhla, THAILAND), NUNTANARANOT Thongchai (Hatyai, Songkhla, THAILAND), RITTHAGOL Wipapun (Hatyai, Songkhla, THAILAND)

J2JDF - Effect of Emdogain in closed apex autotransplanted teeth. A RCT

BOFARULL BALLÚS Anna (Barcelona, SPAIN), LUCAS TAULÉ Ernest (Barcelona, SPAIN), GARGALLO ALBIOL Jordi (Barcelona, SPAIN)

OFTPU - A novel risk prediction model for postoperative complications and early implant failure

FEHER Balazs (Vienna, AUSTRIA), LETTNER Stefan (Vienna, AUSTRIA), KARG Florian (Vienna, AUSTRIA), ULM Christian (Vienna, AUSTRIA), GRUBER Reinhard (Vienna, AUSTRIA), KUCHLER Ulrike (Vienna, AUSTRIA)

LQ6ZH - Evaluation of the alveolar healing in rats using β -Tricalcium Phosphate associated or not with low power LASER

PADILHA-SILVA Nelson (Araçatuba, BRAZIL), SANTOS Ana flávia piquera (Araçatuba, BRAZIL), HADAD Henrique (Araçatuba, BRAZIL), JESUS Laís kawamata (Araçatuba, BRAZIL), COLOMBO Luara teixeira (Araçatuba, BRAZIL), BATISTA Fabio roberto de souza (Araçatuba, BRAZIL), OKAMOTO Roberta (Araçatuba, BRAZIL), POLI Pier paolo (Milan, ITALY), GARCIA-JÚNIOR Idelmo rangel (Araçatuba, BRAZIL), SOUZA Francisley Ávila (Araçatuba, BRAZIL)

A1XRC - GBR of atrophic edentulous ridges with customized CAD-CAM titanium meshes: a prospective study

TOMMASATO Grazia (Milan, ITALY), CASENTINI Paolo (Milan, ITALY), DEL FABBRO Massimo (Milan, ITALY), DELLAVIA Claudia (Milan, ITALY), CHIAPASCO Matteo (Milan, ITALY)

Z71X2 - Influence of the Type of Bone Substitute Materials on the Rates of Bone Regeneration in Sinus Lift Grafting with Lateral Approach and Delayed Implant Placement

PAPANCHEV Georgi (Dobrich, BULGARIA), PEEV Stefan (Varna, BULGARIA), GEORGIEV Tihomir (Varna, BULGARIA)

O37ST - Prospective randomized multicenter study between two anesthetic techniques for implant placement in the posterior mandible.

ESTEVE-PARDO Guillem (Alicante, SPAIN), DE LARRIVA Ernesto (Alicante, SPAIN), ESTEVE-COLOMINA Lino (Alicante, SPAIN), SALGADO Alberto (Alicante, SPAIN), SANCHEZ Luis miguel (Alicante, SPAIN), BERNABEU Ambrosio (Alicante, SPAIN), AMIGO Javier (Alicante, SPAIN), SANCHEZ-NICOLAS Jose antonio (Alicante, SPAIN), HERNÁNDEZ Alvaro (Alicante, SPAIN)

1W762 - One-piece ceramic implants in the maxillary anterior region - limitations and possibilities.

SCHNUTENHAUS Sigmar (Hilzingen, GERMANY), EDELMANN Cornelia (Hilzingen, GERMANY), KNIPPER Anne (Hilzingen, GERMANY), RUDOLPH Heike (Ulm, GERMANY), LUTHARDT Ralph (Ulm, GERMANY)

HCV7W - Bone gain (up to 3.6 mm) using implantoplasty without graft material

KHAYAT Phillipe (Paris, FRANCE), AIDAN David (Paris, FRANCE)

OYRSH - Patients' perception of peri-implantitis and its treatment – a pilot study

MALMQVIST Sebastian (Huddinge, SWEDEN), ERDENBORG Jonas (Huddinge, SWEDEN), JOHANNSEN Gunnar (Huddinge, SWEDEN), JOHANNSEN Annsofi (Huddinge, SWEDEN)

D9L0D - Sinus grafts from humans with biphasic calcium phosphate in the form of granules and paste

BONARDI João Paulo (Araçatuba, BRAZIL), CONFORTE Jadison junio (Araçatuba, BRAZIL), PEREIRA Rodrigo dos santos (Rio De Janeiro, BRAZIL), OKAMOTO Roberta (Araçatuba, BRAZIL), HOCHULI-VIEIRA Eduardo (Araraquara, BRAZIL)

FGM78 - A prospective clinical study with 60 patients on the performance of a bone level tapered implant in the aesthetic zone.

MEIJNDERT Caroliene (Groningen, NETHERLANDS), RAGHOEBAR Gerry (Groningen, NETHERLANDS), VISSINK Arjan (Groningen, NETHERLANDS), MEIJER Henny (Groningen, NETHERLANDS)

1H1CT - A retrospective case series report on a novel aggressively threaded and tapered implant.

TURRA Matteo (Feltre, ITALY), ANDERSSON Peter (Feltre, ITALY), VERRICCHI Damiano (Fiera Di Primiero, ITALY), SENNERBY Lars (Kullavik, SWEDEN)

7QMDC - Evaluation of the OMC and its relationship to patency of the maxillary ostium: A CBCT study

SHAIKH MOHSIN (Pune, INDIA), KHEUR Supriya (Pune, INDIA), KHEUR Mohit (Pune, INDIA), LAKHA Tabrez (Mumbai, INDIA), SANDHU Ramandeep (Pune, INDIA)

URJPD - Immediate and flapless implant insertion and provisionalization using autogenous bone grafts in the esthetic zone: 10-year results

NOELKEN Pd Dr. Robert (Lindau / Mainz, GERMANY), WAGNER Prof. dr. dr. wilfried (Mainz, GERMANY), AL-NAWAS Bilal (Mainz, GERMANY)

BX3J6 - Regeneration of peri-implant dehiscence defects using a synthetic biomaterial. A randomized controlled clinical trial.

MONTERO Eduardo (Madrid, SPAIN), SANZ-SÁNCHEZ Ignacio (Madrid, SPAIN), LA ROSA Martina (Madrid, SPAIN), SEIDEL Anna (Madrid, SPAIN), CHA Jae-kook (Seoul, REPUBLIC OF KOREA), JUNG Ui-won (Seoul, REPUBLIC OF KOREA), SANZ Mariano (Madrid, SPAIN)

03PMI - Zygomatic implant for the rehabilitation of the oncologic patient using a computer-aided technique. Preliminary results of a cohort study at 6 years follow-up

PELLEGRINO Gerardo (Bologna, ITALY), BASILE Francesco (Bologna, ITALY), GRANDE Francesco (Bologna, ITALY), FERRI Agnese (Bologna, ITALY), RELICS Daniela (Bologna, ITALY), MANLIO Gessaroli (Cesena, ITALY), MARCHETTI Claudio (Bologna, ITALY)

KL1MB - 4-year follow-up of staging surgical treatment for ameloblastoma and no-grafting implantation: A case report

LIU Xue (Shenzhen, CHINA) CHENG Xiaohui (Shenzhen, CHINA)

E62AF - A five-year retrospective follow-up study of tapered hydrophilic implants placed with or without GBR procedures

SCHÜTZ Silvio (Luzern, SWITZERLAND), ZUMSTEIN Thomas (Luzern, SWITZERLAND), SAHLIN Herman (Göteborg, SWEDEN), SENNERBY Lars (Göteborg, SWEDEN)

6DFOC - Drills versus piezoelectric preparation for placement of zygomatic implants: three-year RCT results

BERTI Cesare (Bologna, ITALY), DI SIMONE Salvatore (Bologna, ITALY), BARAUSSE Carlo (Bologna, ITALY), ESPOSITO Marco (Göteborg, SWEDEN), PISTILLI Roberto (Rome, ITALY), BALERCIA Andrea (Ancona, ITALY), FELICE Pietro (Bologna, ITALY)

X9TLW - The Effects of Schneiderian Membrane Perforation on the Clinical Outcome of Sinus Lift Procedures

TÖRE Cem (Istanbul, TURKEY), COSKUN Zeynep (Istanbul, TURKEY), GULTEKIN Bahattin alper (Istanbul, TURKEY), CİNAR Caglar (Istanbul, TURKEY), SAGLANMAK Alper (Istanbul, TURKEY), YALCIN Serdar (Istanbul, TURKEY)

9NNB8 - Filling results of lateral approach of maxillary sinus bone augmentation with regard to sinus anatomical features

RAZ Perry (Jerusalem, ISRAEL), SLUTZKEY Gil (Tel Aviv, ISRAEL), BEITELTUM Ilan (Tel Aviv, ISRAEL), TAL Haim (Tel Aviv, ISRAEL)

ID77B - Linear and Volumetric Augmentation in Anterior Maxilla using Autogenous Symphysis Bone Graft

CHEN Si (Wuhan, CHINA) FU Shuang (Wuhan, CHINA), SHI Bin (Wuhan, CHINA)JI Wei (Wuhan, CHINA)

HQUZF - A retrospective comparison of three approaches of vestibuloplasty around molar implants

YUN Ho Jin (Gwang Ju, REPUBLIC OF KOREA), KIM Kyungmin (Gwangju, REPUBLIC OF KOREA), LEE Won pyo (Gwang Ju, REPUBLIC OF KOREA)

YNJG1 - Comparative Analysis of Osseointegrated Implants Stability Placed in Type IV Bone with 1-13 year follow-up

DE MORAES Eduardo (Rio De Janeiro, BRAZIL), DE MORAES Luis eduardo (Rio De Janeiro, BRAZIL), PIRES Jorge (Rio De Janeiro, BRAZIL), ELBERN Nathalia (Rio De Janeiro, BRAZIL)

AH5RH - Computer-aided approach for atrophic maxilla rehabilitation via using zygomatic implants: preliminary results of a cohort study up to 6 years follow-up

PELLEGRINO Gerardo (Bologna, ITALY), BASILE Francesco (Bologna, ITALY), GRANDE Francesco (Bologna, ITALY), FERRI Agnese (Bologna, ITALY), RELICS Daniela (Bologna, ITALY), MARCHETTI Claudio (Bologna, ITALY)

01WQL - Early success rate of implants with or without hydrophilic surface: 1 year post-loading results of a multicenter, split-mouth, randomized controlled trial

TALLARICO Marco (Sassari, ITALY), XHANARI Erta (Tirana, ALBANIE)

2HDLO - Hard tissue changes by osseodensification technique in narrow alveolar ridges: a pilot study

ISIK Gözde (İzmir, TURKEY), GUNBAY Tayfun (İzmir, TURKEY)

3H8O5 - Horizontal bone augmentation using particulate allograft, platelet concentrates and tent screws.

SHALL Firas (Bruxelles, BELGIUM), EVRARD Laurence (Bruxelles, BELGIUM)

LD8FN - Immediate provisionalization of Astra Tech implants in healed and extraction sites: 1 to 11-year results

NOELKEN Pd Dr. Robert (Lindau, GERMANY), MUTTER Elisabeth (Winterthur, SWITZERLAND), WAGNER Prof. dr. dr. wilfried (Mainz, GERMANY), AL-NAWAS Bilal (Mainz, GERMANY),

QD898 - Radiographic evaluation of simultaneous gbr using 3-dimensional, preformed titanium membrane in the single-tooth edentulous ridge of anterior maxilla: hard tissue volume stability beyond bony envelope.

KIM Kyungmin (Gwangju, REPUBLIC OF KOREA), YUN Ho Jin (Gwangju, REPUBLIC OF KOREA), LEE Won pyo (Gwangju, REPUBLIC OF KOREA)

SANSE - Root-analogue implants for immediate implant placement: A retrospective case series.

BÖSE Mats W. H. (Berlin, GERMANY), HILDEBRAND Detlef (Berlin, GERMANY), BEUER Florian (Berlin, GERMANY), WESEMANN Christian (Berlin, GERMANY), SCHWERDTNER Paul (Berlin, GERMANY), PIERALLI Stefano (Freiburg, GERMANY), SPIES Benedikt C. (Freiburg, GERMANY)

LQ3KC - Socket preservation using vascular endothelial growth factor, clinical and histological research

KOBOZEV Michael (Moscow, RUSSIA), BALANDINA Margarita (Moscow, RUSSIA), MURAEV Aleksandr (Moscow, RUSSIA), IVANOV Sergey (Moscow, RUSSIA)

A70D5 - Guided Bone Regeneration in the atrophic jaws: a retrospective study with a 3 to 7-year follow-up

GASPARRO Roberta (Naples, ITALY), PISTILLI Roberto (Rome, ITALY), SIMION Massimo (Milan, ITALY), BARAUSSE Carlo (Bologna, ITALY), SAMMARTINO Gilberto (Naples, ITALY), FELICE Pietro (Bologna, ITALY)

XNCN3 - Automatic three-dimensional analysis of bone volume and quality change after maxillary sinus augmentation

KWON Jinju (Yangsan, REPUBLIC OF KOREA), NAM Inhye (Yangsan, REPUBLIC OF KOREA), SHIN Sanghun (Yangsan, REPUBLIC OF KOREA), LEE Jaeyul (Yangsan, REPUBLIC OF KOREA), AN Ji hye (Yangsan, REPUBLIC OF KOREA), YUN Jiyoung (Yangsan, REPUBLIC OF KOREA)

BWSTJ - Clinical and radiological outcomes of rehabilitation in the molar region with wide platform implants.

VILLA Gabriele (Biella, ITALY), VILLA Roberto (Biella, ITALY), VASILIC Nikola (Belgrade, SERBIE), POZZI Alessandro (Roma, ITALY), POLIZZI Giovanni (Verona, ITALY), IMBURGIA Mario (Palermo, ITALY), COPPOLA Armando (Napoli, ITALY)

QCACG - Effectiveness of Collagen Membrane in the Treatment of Schneiderian Membrane Perforation

NAM Inhye (Yangsan, REPUBLIC OF KOREA), LEE Jaeyul (Yangsan, REPUBLIC OF KOREA), KWON Jinju (Yangsan 50612, Kyungsangdamdo, REPUBLIC OF KOREA), SHIN Sanghun (Yangsan, REPUBLIC OF KOREA), YUN Jiyoung (Yangsan 50612, REPUBLIC OF KOREA), AN Jihye (Yangsan 50612, REPUBLIC OF KOREA)

79EDD - Impact of early functional loading of implants. A data analysis of 70 implants using Resonance Frequency Analysis

DIAMANTIS Ioannis (Athens, GREECE), ROUSSOS Konstantin (Stuttgart, GERMANY), GEORGIKOPOULOU Sophie (Athens, GREECE), BACHLAVA Evangelia (Athens, GREECE)

9G5SI - Implant loss and sinusitis after sinus lift - an underestimated complication?

CARLS Peter F. (Lugano Pregassona, SWITZERLAND), ÜLGÜR Ismail Iskender (Bern, SWITZERLAND), ELMAS Firat ismail (Lucerne, SWITZERLAND), SCHUMANN Paul (Zurich, SWITZERLAND), GANDER Thomas (Zurich, SWITZERLAND), PIANTANIDA Renato (Lugano, SWITZERLAND)

CMTVZ - Contemporary assessment of the accuracy of merging DICOM and STL files for the purpose of guided implant placement.

KATSAROV Stoyan (Varna, BULGARIA)

J2UQQ - Marginal bone and soft tissue alterations after use of OsseoSpeed Profile EV implants

PIETRUSKA Małgorzata (Białystok, POLAND), PIETRUSKI Jan (Białystok, POLAND)

MRFSN - PET- Fully Digital approach for plan and restore

FILTCHEV Dimitar (Sofia, BULGARIA)

J6MAH - Clinical study with gradually anodized implants restored with two-piece anodized abutments – preliminary results

FABBRI Giacomo (Cattolica, ITALY), BAN Giorgio (Cattolica, ITALY)

XZ6FT - Comparison of osseodensification and conventional techniques: a preliminary randomized trial

ISIK Gözde (İzmir, TURKEY), GUNBAY Tayfun (İzmir, TURKEY)

9YI15 - Accuracy of template-guided implantation with a new implant system. A prospective clinical trial.

SCHNUTENHAUS Sigmar (Hilzingen, GERMANY), RUDOLPH Heike (Ulm, GERMANY), LUTHARDT Ralph (Ulm, GERMANY), EDELMANN Cornelia (Hilzingen, GERMANY)

GCG2H - Clinical outcome of two-piece titanium implants with an internal tube-in-tube connection

STEYER Elisabeth (Graz, AUSTRIA), THEISEN Kerstin (Graz, AUSTRIA), HULLA Helfried (Strass, AUSTRIA), KOLLER Martin (Graz, AUSTRIA), LORENZONI Martin (Graz, AUSTRIA)

IM8YE - The Use of Cortical Allogeneic Bone Plates at Insufficient Bone Areas: Case Series

COSKUN Zeynep (Istanbul, TURKEY), TORE Cem (Istanbul, TURKEY), ÇINAR Ihsan çağlar (Istanbul, TURKEY), GULTEKIN Bahattin alper (Istanbul, TURKEY), YALÇIN Serdar (Istanbul, TURKEY)

83E23 - Patient's perception of recovery after osteotome-mediated sinus floor elevation: a randomized controlled trial

STARCH-JENSEN Thomas (Aalborg, DENMARK), BRUUN Niels henrik (Aalborg, DENMARK)

EZSWZ - A retrospective 10-year mean follow-up of zirconia implants rehabilitations in aesthetic areas.

BORGONOVO Andrea enrico (Milan, ITALY), LUCA Andrea Emanuele (Milano, ITALY), FERRARIO Susanna (Milan, ITALY), VAVASSORI Virna (Milan, ITALY), CENSI Rachele (Milan, ITALY), RE Dino (Milan, ITALY)

4CHX0 - Clinical and radiographical evaluation of early complications associated with maxillary sinus augmentation

AYTEKIN Melike (Istanbul, TURKEY), GULTEKIN Alper (Istanbul, TURKEY)

VJKTL - Combination of Socket Shield Technique and Immediate Loading for Restoring Multiple Missing Teeth in the Aesthetic Zone a Case Report

SAPUNDZIEV Dime (Ljubljana, SLOVENIA), OSTRC Tadej (Ljubljana, SLOVENIA)

BZ4OH - Implant Periapical Lesion Treated by Surgical Combined Decontamination and Regeneration Approach

Wang Hanyu (Suzhou, CHINA)

KQWCJ - Soft tissue seal osseodensification technique

FILTCEV Dimitar (Sofia, BULGARIA), KOTSILKOV Kamen (Sofia, BULGARIA), FEHMER Vincent (Geneva, SWITZERLAND), MATEEVA Galena (Sofia, BULGARIA), RUSEVA Elitsa (Sofia, BULGARIA)

4MOIU - Tilted implants applied to immediate load on edentulous jaw: 6 years follow-up

HADAD Henrique (Araçatuba, BRAZIL), SCHÖDER Júlio (Curitiba, BRAZIL), SOUZA Francisley Ávila (Araçatuba, BRAZIL), BASSI Ana paula (Araçatuba, BRAZIL), FONTÃO Flávia (Curitiba, BRAZIL)

91838 - Use of NO-resorbable dPTFE membranes in preservation of the alveolar ridge- a case report

SPIROV Vancho (Skopje, MACEDONIA), VELJANOVSKI Darko (Skopje, MACEDONIA), BAFTIJARI Denis (Tetovo, MACEDONIA), PAPANIKU Krenar (Tetovo, MACEDONIA), STOJANOVSKI Marjan (Skopje, MACEDONIA)

CRTLf - A systematic review of the facial alveolar bone thickness in anterior and posterior teeth – considerations for immediate implant placement

HEIMES Diana (Mainz, GERMANY), SCHIEGNITZ Eik (Mainz, GERMANY), KUCHEN Robert (Mainz, GERMANY), KÄMMERER Peer w. (Mainz, GERMANY), AL-NAWAS Bilal (Mainz, GERMANY)

DACPK - Alveolar ridge split technique and immediate implant placement in atrophic maxilla. Case series.

OIKONOMOU Maria Eleni (Athens, GREECE), CHLIAOUTAKIS AgamemNO (Athens, GREECE), SAMANIDIS Konstantinos (Athens, GREECE), PAPACHRISTODIMA Anthi (Athens, GREECE), NTAGIANTIS Georgios (Athens, GREECE), GIANNOULIS Georgios (Athens, GREECE), CHATZICHALEPLI Chara (Athens, GREECE), CHOUPIS Konstantinos (Athens, GREECE)

BAB66 - Dental autotransplantation as a treatment alternative. A review of literature

DE LA IGLESIA BEYME Álvaro (Barcelona, SPAIN), PRUNERA LAVILLA Marc (Barcelona, SPAIN)

ACNGW - Implant survival after one-stage lateral sinus lift procedures in severely atrophic maxillae: results 10-years after implantation

VIRNIK Sascha (Klagenfurt, AUSTRIA), MIKSCHOFSKY Laura (Klagenfurt, AUSTRIA), SANTLER Gert (Klagenfurt, AUSTRIA)

WSHH4 - May the new developed implant surface, coated with pH buffering agent fasten osseointegration?

ZADROZNY Lukasz (Warsaw, POLAND)