

Jordi Gargallo-Albiol **DDS, PhD, MS, EBOS**

Academic degrees

- Dentistry Degree, **DDS**, University of Barcelona-Spain
- Doctor of Philosophy in Dentistry, **PhD**, University of Barcelona-Spain
- Master's degree in Oral Surgery, **MS**, University of Barcelona-Spain
- European Board of Oral Surgery (**EBOS**), European Federation of Oral Surgery Societies, Paris-France
- **Diplomate** of the ICOI (International Congress of Oral implantologist) (Vancouver)
- **Fellow** of the ICOI (International Congress of Oral implantologist) (Las Vegas)

Academic Positions

- **Associate Professor (Professor Agregat-Titular d'Universitat)**, Department of Oral and Maxillofacial Surgery, Universitat Internacional de Catalunya (UIC-Barcelona), Spain
 - *Accreditation: ANECA Full Professor eligibility (Profesor Titular de Universidad) (Spanish National Agency for Quality Assessment and Accreditation)*
- **Course Director**, Oral Medical-Surgical Pathology I (since 2012-present), Universitat Internacional de Catalunya (UIC-Barcelona), Spain
- **Assistant Professor** of the International Master in Oral Surgery (IMOS), Universitat Internacional de Catalunya (UIC-Barcelona, Spain), (2012-present)

Academic Leadership

- **Director**, International Master in Oral Surgery (**IMOS**), Universitat Internacional de Catalunya (UIC-Barcelona, Spain), (2012-2020)
- **Director**, Postgraduate Program in *Creation and Management of the Dental Clinic*, Universitat Internacional de Catalunya (UIC-Barcelona, Spain), (2022-present)

Professional Experience

- **CEO and Medical Director**, Clínica Gargallo (Tarragona, Spain) (2001-present)
- **Research Fellowship** in the Periodontics and Oral Medicine Department, University of Michigan, School of Dentistry (2017-2018)
- **Adjunct Clinical Assistant Professor**, Department of Periodontics and Oral Medicine, University of Michigan, School of Dentistry (Ann Arbor, MI, United States) (2019-2025)
- **Assistant Professor** Oral and Maxillofacial Surgery Department (University of Barcelona-Spain) (1994-2000)
- **Assistant Professor** of the Oral Surgery Master (University of Barcelona-Spain) (1994-2011)

Postdoctoral Trainees (PhD)

- ◆ Director of **9 Doctoral Theses (PhD)** read at *Universitat Internacional de Catalunya, Barcelona-Spain*:

CABALLÉ SERRANO, Jordi

In-Vitro study of osteoclastogenesis under simulated bone augmentation

Read 17-July-2015: Excel.lent cum laude

ORTIZ PUIGPELAT, Octavi Uso de implantes dentales para retener y soportar prótesis parcial removible en situaciones de clase I Kennedy mandibular. Estudio de elementos finitos tridimensional

Read 15-January-2016: Excel.lent cum laude

SALOMÓ COLL, Oscar Cosme

"Evaluación Histológica E Histomorfométrica De La Neofromación Ósea Con Implantes Inmediatos C1 Impregnados Con Melatonina Y Vitamina D: Estudio Experimental En Perros".

Read 15-January-2016: Excel.lent cum laude

BARROSO PANELLA, Albert

Evaluación tridimensional prospectiva de la estabilidad a 1 año del aumento horizontal de reborde alveolar con Bio Oss® y BioGuide® simultáneo a la colocación del implante.

Read 5-April-2017: Excel.lent cum laude

LOZANO CARRASCAL, Naroa

" Alteraciones Dimensionales De Los Alveolos Postextracción Con Diferentes Técnicas De Preservación: Estudio Experimental En Perros"

Read 21-June-2017: Excel.lent cum laude

ELNAYEF ELSAKAN, Basel

Estudio experimental en perros de la estabilidad horizontal de reborde alveolar tras realizar la técnica de Split crest technique o corticotomía alveolar

Read 12-July-2017: Excel.lent cum laude

LUCAS TAULÉ, Ernest

Evaluation of the marginal bone level change of Straumann Bone Level Tapered implants using different screwed abutment height in partially edentulous patients: a randomized controlled trial.

Read 15-September-2023: Excel.lent cum laude

PEREZ GARCIA, Silvia

"Monitorización de la sedación con BIS en Odontología

Read 15-December 2023: Excel.lent cum laude

MARQUÉS GUASH, Jordi

Evaluation of the Dynamic guided surgery system Navident in comparison to the static guided surgery and the free hand method.

Read 4-July.2025: Director: Jordi Gargallo

◆ Director of 2 Doctoral Thesis (PhD) **in process** at *Universitat Internacional de Catalunya*, Barcelona-Spain

CAÑAGUERAL, Laura: Randomized control trial comparing the outcomes of allogeneic bone blocks vs particulate allogeneic bone grafts for maxillary and mandibular bone augmentation.

PONS SANCHO, Carlos: Static navigation guided for autogenous bone block bone regeneration procedures.

Publications

- **78 peer-reviewed scientific articles** published in indexed journals on Oral Surgery and Oral Implantology (PubMed)

Direction of and participation in research projects

Synthesis and processing of materials composed of calcium phosphates and aluminum phosphates

Study of physical regeneration included in biomaterials and for biomechanical effects

Biocompatibility of retrograde obturation materials

Study of bone regeneration and apical sealing in different biomaterials in periapical surgery
Macroscopic histopathological study of experimental samples in periapical pathology

Research study of nitrous oxide CENTURION MIXER

Clinical trial to evaluate the analgesic efficacy of LM-1158. TRIS in a single oral administration, compared to placebo and ibuprofen, after lower third molar extraction

Behavior of a new biomaterial graft of Tricalcium Phosphate (Oss Ceram) vs Alveolo protect in bone formation at two months. Experimental study in New Zealand Rabbits

Histomofrometric and histologic evaluation of new bone formation using 4 bone biomaterial with and without Melatonin. Experimental Study in dogs

Oral and maxillofacial surgical pathology: late infections after extraction of impacted third molars, periapical surgery, dental impactions: periodontal pathology after extraction of impacted third molars

Tissue regeneration and biomaterials, guided regeneration in oral surgery, applications of new biomaterials in oral surgery and implantology

Applications of lasers in oral and maxillofacial pathology. Effects of CO₂, Er:YAG and Er,Cr:YSGG lasers on hard tissues and tissues of the oral cavity. Use of the Er,Cr:YSGG laser in oral implantology

Osteointegrated dental implants, applications of ionic implantation on implant surfaces. Study new bioactive surfaces for endoossis implants, and immediate implant courses

Dental anesthesia. Anesthetic efficacy and complications of different local anesthetics in dentistry.

Study of bone regeneration using resorbable collagen membranes in maxillary defects in beagle dogs

Comparative study of amalgam and glass ionomer used as retrograde filling materials in periapical surgery

The stability of peri-implant labial tissue contour following guided bone

Short implants

Maxillary sinus anatomy and pathology: a CBCT study

Prospective study on tissue reaction to different types of sutures following mandibular third molar extraction

Comparative clinical study of primary and secondary ISQ values for narrow-diameter Roxolid implants

Prospective clinical study on the stability of horizontal ridge augmentation using particulate xenograft (Bio-Oss®) versus particulate xenograft with Osteogain, covered by a resorbable collagen membrane

Histological and histomorphometric evaluation of new bone formation around immediate C1 implants impregnated with melatonin and vitamin D: Experimental study in dogs

Dimensional changes in post-extraction sockets using different preservation techniques: Experimental study in dogs

Prospective study on the stability of horizontal alveolar ridge augmentation using the split-crest technique or corticotomy: Experimental study in dogs

Immediate implant placement in the aesthetic zone: Evaluation of aesthetic outcomes, bone stability, and patient satisfaction

Histomorphometric and histologic evaluation of crestal bone formation under umbrella cadel abutment in c1 and seven bestially exposed implants in healed bone. Experimental study in dogs

Connective tissue grafting around immediate implants and gingival recessions: an experimental study in dogs

Evaluation of restal bone formation and concentration the bmp2 by q-rt-pcr molecular assay under umbrella cadel abutment in c1 implantscrestally exposed implants in healed bone. Experimental study in dogs.

Evaluation new bone formation using different biomaterials in post extraction sockets with or without buccal plate. Experimental study in dogs

Reverse Torque Control for evaluation of implant Stability after different implant surface Treatments. Experimental study in New Zealand Rabbits

Soft Tissue attachment on different collar designs according to the implant position in relation to the bone level. Results on an animal study

Analysis of osseointegration with new surface coating for dental implant. Histological, histomorphometric and radiological study in dogs at 4 and 8 weeks

Use of dental implants to retain and support removable partial dentures in mandibular Kennedy class I situations. Three-dimensional finite element study.

In-vitro study of osteoclastogenesis under simulated bone augmentation

ROG study with Coepack or without. University of Michigan

Periimplant bone reaction to immediate implants placed at different levels in relation to crestal bone: a pilot study in dogs

Prospective clinical study on the stability of horizontal alveolar ridge augmentation using the split-crest technique or alveolar corticotomy.

Prospective clinical study on the stability of horizontal ridge augmentation using particulate xenograft (Bio-Oss®) covered by a resorbable collagen membrane, performed simultaneously with implant placement.

Marginal bone level evaluation using different screwed abutment heights over dental implants in partially edentulous patients: a randomized controlled trial.

Intravenous sedation evaluation in pediatric patients. The use of BIS monitoring.

Navigation surgery in dental implant placement: Static and Dynamic guided surgery systems

Allogeneic customized and non-customized bone blocks for maxillary and mandibular bone augmentation.

Static navigation guided for autogenous bone block bone regeneration procedures

Professional Memberships and Roles

- **President of the VIII National Congress** of the Spanish Society of Oral Surgery (SECIB) (Tarragona-Spain, 2010)
- **President of the Congress** and **Chairman** of the Scientific Committee of the XXXIII World Congress of the International Congress for Oral Implantologist (ICOI) and the IV National Congress of the Scientific Society of Oral Implantology (SCOI) (Barcelona, Spain, 2016)
- **President of the VIII International Congress of the SCOI** (Scientific Society of Oral Implantology) (Tarragona-Spain, 30-31, 2025)
- **President**, Scientific Society of Oral Implantology (SCOI) (November 2022-present)
- **Vice-President**, Spanish Society of Laser and Phototherapy (SELO) (February 2026-present)
- **International MINEC Board Member**. MegaGen International Network of Education and Clinical Research (2021-present)

HONORS AND PROFESSIONAL AWARDS

-**Silver medal** of the Spanish Society of Oral Surgery
Linked awards: Excellence in the practice of the profession
City: Madrid (Spain)
Date: September, 2011

-**First Award** Simó Virgili of the Medical Science Academy of Catalonia and Balearic Islands
City: Barcelona, Spain
Date: May, 2009

-**Second National Award** of Termination of Studies of the Degree of Odontology, according to Ministerial Order of December 17th, 1991. Madrid, BOE (the Official State Gazette) of
City: Madrid (Spain)
Date: January, 1992.

-**Special Award** for the Dentistry Degree (Premi Extraordinari de Llicenciatura). Academic year 1990-1991. Faculty of Odontology, University of Barcelona.

City: Barcelona (Spain)

Date: September, 1992

-**Prize awarded** by the Catalan Society of Odontostomatology (Societat Catalana d'Odontostomatologia) to the three best dissertations from the Faculty of Odontology at the University of Barcelona. Catalan Society of Odontostomatology. Academy of Medical Sciences of Catalonia and the Balearics.

City: Barcelona (Spain)

Date: September, 1991