

Curriculum Vitae
Marianela Gonzalez, DDS, MS, MD
Department of Oral and Maxillofacial Surgery
Texas A&M College of Dentistry
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EDUCATION

Doctor of Medicine, University of Health Sciences Antigua School of Medicine
2007

Certificate in Oral and Maxillofacial Surgery, Texas A&M University System Baylor College of Dentistry/Baylor University Medical Center
1996 – 2000, Dallas, TX

Masters of Science: Craniofacial Biology, Texas A&M University System Baylor College of Dentistry
1998, Dallas, TX

Internship in OMS/Internal Medicine, University of Medicine and Dentistry of New Jersey
1995, Newark, New Jersey

Internship OMS/Dentofacial Deformities, Santa Rosa Oral & Maxillofacial Surgery Center
1991 – 1994, Caracas, Venezuela

Doctor of Dental Surgery Dental School, Central University of Venezuela
1991, Caracas, Venezuela

EMPLOYMENT AND TEACHING HISTORY

Clinical Assistant Professor and Director of Undergraduate Education, Department of Oral & Maxillofacial Surgery Texas A&M University College of Dentistry
2008 – Present, Dallas, TX
Associated Hospitals: Baylor University Medical Center (Dallas, TX); Texas Scottish Rite for Children (Dallas, TX)

Assistant Professor, Oral & Maxillofacial Surgery Texas A&M College of Dentistry
2007 – 2008, Dallas, TX

Oral and Maxillofacial Surgeon. Oral and Maxillofacial Surgery Department Caracas University Hospital, Central University of Venezuela
2001 – 2007, Caracas, Venezuela

Private Practice. Oral and Maxillofacial Surgeon Dental Star, Lomas de La Lagunita

2000 – 2007, Caracas, Venezuela

Private Practice. Oral and Maxillofacial Surgeon. Policlínica Americana. Odontología 5D
2001 – 2007, Caracas, Venezuela

**Associate Professor in Oral Surgery, Periodontics and Prosthodontics. Dental School,
Central University of Venezuela**
2000 – 2007, Caracas, Venezuela

**Private Practice. Oral and Maxillofacial Surgeon. Santa Rosa Oral and Maxillofacial
Surgery Center**
2000-2007, Caracas, Venezuela

**Research Fellow in Distraction Osteogenesis. Texas A&M University System Baylor
College of Dentistry**
1995 – 2000, Dallas, TX
Dr. William H. Bell, mentor

RESEARCH/GRANTS

Lengthening the Mandible by Distraction Osteogenesis CT Findings. (2004 – 2005)
Funding Agency: Santa Rosa Oral and Maxillofacial Surgery Center
Role: Principal Investigator

Bone Morphogenetic Proteins in Bone Transport (2000 – 2003)
Funding Agency: Santa Rosa Oral and Maxillofacial Surgery Center
Role: Co-Investigator

Widening and Lengthening the Mandible by Distraction Osteogenesis (07/1996 – 06/1998)
Funding Agency: Howmedica-Leibinger Inc.
Total Costs: \$30,000.00
Role: Co-investigator

PUBLICATIONS

Book: Distraction Osteogenesis Atlas
Editor: Gonzalez M
to be completed in December 2018 Wiley Co.

**Article: Effects of bone grafting, performed with corticotomies and buccal tooth
movements, on dehiscence formation in dogs**
Author(s): Bare-Welchel B, Campbell P, Gonzalez M, Buschang P
American Journal of Orthodontics and Dentofacial Orthopedics (AJODO) Vol. 151 Issue 6, pp

1034-1047, 2017

Manuscript: (technology protocol report) Virtual Surgical Planning and Intraoperative Navigation in Facial Prosthetic Reconstruction: A Technical note

Author(s): Verma S, Schow S, Gonzalez M

International Journal of Oral Maxillofacial Surgery. 2017

Article: Virtual Preoperative Planning and Intraoperative Navigation in Facial Prosthetic Reconstruction:

A Technical Note.

Author(s): Verma S, Gonzalez M, Schow S, Triplett RG

IJOMI QUINTESSENCE PUBLISHING CO, INC. pp e77-e81. 2017

Chapter: Intraoral Distraction Osteogenesis: Techniques, appliances, long term follow up

Author(s): Guerrero C, Bell W, Mujica E, Gonzalez M, Dominguez

Fonseca- Marciani- Turvey 3rd Edition. Elsevier. 2016

Abstract Major Palatal Advancement and Dental Implants in Anterior Maxillary Atrophy

Author(s): Guerrero C, Gonzalez M, Thronson R

AAOMS 98th Annual Meeting **2016**

Chapter: The future of Distraction Osteogenesis

Author(s): Guerrero C, Bell W, Gonzalez M

Peterson's Principles of Oral and Maxillofacial Surgery. Miloro-Ghali-Larsen-Waite 4th edition Elsevier. 2016

Chapter: Intraoral Maxillary Distraction Osteogenesis

Author(s): Gonzalez M, Guerrero C

Atlas of Oral and Maxillofacial Surgery by Kademani and Tiwana. 1st Edition Elsevier. 2015

Chapter: Distraction Osteogenesis in Craniofacial Deficiencies

Author(s): Gonzalez M, Guerrero C

Atlas of Oral and Maxillofacial Surgery by Kademani and Tiwana. 1st Edition Elsevier. 2015

Chapter: Evaluation and Biopsy Technique for Oral Lesions

Author(s): Gonzalez M, Bourland C, Guerrero C

Manual of Minor Oral Surgery for the General Dentist. Editors: Pushkar Mehra and Richard D'Innocenzo. Wiley. 103:113. 2015

Chapter: Operative Oral and Maxillofacial Surgery: Pearls and Pitfalls. The Temporal Flap in facial reconstruction

Author(s): Gonzalez M, Guerrero C

Ed: Vega and Fernandes 1st Edition. People's Medical Publishing House-USA. IN PRESS 2018

Chapter: Intraoral Mandibular Distraction

Chapter: Intraoral Mandibular Distraction.

Author(s): Gonzalez M, Guerrero C
Operative Oral and Maxillofacial Surgery: Pearls and Pitfalls. Ed: Vega and Fernandes. 1st Edition. People's Medical Publishing House-USA. IN PRESS 2018

Chapter: Distraction Osteogenesis in Mandibular Deficiency

Author(s): Gonzalez M, Guerrero C: Atlas of Oral and Maxillofacial Surgery by Kademani and Tiwana. Elsevier. 341:358. 2015

Chapter: Intraoral Maxillary Distraction Osteogenesis.

Author(s): Gonzalez M, Guerrero C
Atlas of Oral and Maxillofacial Surgery by Kademani and Tiwana. Elsevier. 405:415. 2015

Article: Distraction Osteogenesis for Primary Reconstructive Treatment of an Avulsive Gun Shot Wound to the Mandible

Author(s): Gonzalez M, Guerrero CA, Ellis M, Ding MP
Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology, Volume 110, Issue 3, p 314. 2010

Chapter: Intraoral Distraction Osteogenesis

Author(s): Guerrero Cesar, Gonzalez Marianela, Lopez Patricia et al
Oral and Maxillofacial Surgery 3rd Edition: Raymond Fonseca Volume 3, Chapter 15;p. 338-363. 2008

Chapter: Intra-Arch Distraction.

Author(s): Gonzalez M, Guerrero C
In: Atlas of the Oral and Maxillofacial Surgery Clinics of North America. Ed. Van Sickels J E, Serafin B L. W.B. Saunders, Philadelphia. 16 (2): 169-183. 2008

Book: Vertical and Horizontal Mandibular Lengthening of the Ramus and Body.

Authors: Gonzalez M, Egbert M, Guerrero C, Van Sickels J E.
In: Atlas of the Oral and Maxillofacial Surgery Clinics of North America. Ed. Van Sickels J E, Serafin B L. W.B. Saunders, Philadelphia. 16 (2): 215-236. 2008

Chapter: Bone Transport by Distraction Osteogenesis for Maxillomandibular Reconstruction.

Author(s): Guerrero CA, Gonzalez M, Dominguez E.
In: Bell WH, Guerrero CA (eds). Distraction Osteogenesis of the Facial Skeleton. BC Decker. Hamilton, Ontario. 2007

Chapter: Surgical Orthodontics in Mandibular Lengthening.

Author(s): Guerrero CA, Figueroa F, Bell WH, Olmos-Malave Y, Rojas A, Gonzalez M
Bell WH, Guerrero CA (eds). Distraction Osteogenesis of the Facial Skeleton. BC Decker. Hamilton, Ontario. 2007

Article: Docking Site Surgery in Bone Transport

Author(s): Gonzalez M, Guerrero CA, Henriquez M, Figueroa F, Dominguez E

Arnaud E, Diner PA (eds.). 5th International Congress of Maxillofacial and Craniofacial Distraction. Bologna, Italy. Monduzzi editore. 2006, pp. 99-104. 2006

Article: Predictable 3-D Alveolar Distraction

Author(s): Guerrero CA, Figueroa F, Gonzalez M, Dominguez E, Henriquez M
Arnaud E, Diner PA (eds.). 5th International Congress of Maxillofacial and Craniofacial Distraction. Bologna, Italy. Monduzzi editore. 2006, pp. 45-48. 2006

Article: Intraoral Distraction Osteogenesis for Bone Transport in Mandibular Reconstruction

Author(s): Gonzalez M, Guerrero CA, Figueroa F
Arnaud E, Diner PA (eds.). 4th International Congress of Maxillofacial and Craniofacial Distraction. Bologna, Italy. Monduzzi editore. 2003, pp. 311-316. 2003

Article: Predictable Mandibular Ramus Lengthening in TMJ Ankylosis

Author(s): Gonzalez M, Guerrero CA, Figueroa F
Arnaud E, Diner PA (eds.). 4th International Congress of Maxillofacial and Craniofacial Distraction. Bologna, Italy. Monduzzi editore. 2003, pp. 169-174. 2003

Article: Radiographic Evaluation of Traditional Versus rhBMP-2 Inducted Intraoral Bone Transport in Mandibular Reconstruction

Author(s): Guerrero CA, Rojas A, Figueroa F, Gonzalez M, Bell WH, Boyne P
Arnaud E, Diner PA (eds.). 4th International Congress of Maxillofacial and Craniofacial Distraction. Bologna, Italy. Monduzzi editore. 2003, pp. 391-396. 2003

Article: Mandibular Remodeling: The Fifth Stage in Distraction Osteogenesis Healing

Author(s): Guerrero CA, Bell WH, Gonzalez M.
Arnaud E, Diner PA (eds.). 3rd International Congress on Facial Distraction Processes. Paris, France. Bologna (Italy). Monduzzi editore. 2001, pp. 267-273. 2001

Chapter: Reconstrucción del reborde alveolar mediante distracción osteogénica para implantes oseointegrados.

Author(s): Guerrero C, Gonzalez M, Laplana R, Rojas A
2001 Jose Cisero Dinato, Waldemar Daudt Polido (eds.). Cirugía y Prótesis. (In Portuguese). Rio de Janeiro, Brazil

Article: Distraction Histogenesis: Effect of Intraoral Widening on Gingival and Periodontal Ligament.

Author(s): Bell WH, Gonzalez M, Guerrero CA, Samchukov ML
Arnaud E, Diner PA (eds). 3rd International Congress on Cranial and Facial Bone Distraction Processes. Monduzzi Editore: Paris, France. 2001

Article: Distraction Histogenesis: Effect of Intraoral Widening on Gingival and Periodontal Ligament.

Author(s): Bell WH, Gonzalez M, Guerrero C, Samchukov M.
Arnaud E, Diner PA (eds.). 3rd International Congress on Facial Distraction Processes. Paris,

France. Bologna (Italy). Monduzzi editore., pp. 173-178. 2001

Chapter: Intraoral mandibular bone transport: A case report

Author(s): Guerrero CA, Bell WH, Gonzalez M, Rojas A.

Samchukov ML, Cope JB, Cherkashin AM (eds.). Craniofacial Distraction Osteogenesis. Mosby: St. Louis, 372:377. 2001

Chapter: Three-dimensional Intraoral Distraction Osteogenesis: an Orthodontic Surgical Approach

Author(s): Guerrero CA, Bell WH, Gonzalez M, Rojas A

Samchukov ML, Cope JB, Cherkashin AM (eds.). Craniofacial Distraction Osteogenesis. Mosby: St. Louis. 236:247. 2001

Article: Maxillo-mandibular Reconstruction by Distraction Processes.

Author(s): Guerrero CA, Bell WH, Gonzalez M, Figueroa F.

Arnaud E, Diner PA (eds.). 3rd International Congress on Facial Distraction Processes. Paris, France. Bologna (Italy). Monduzzi editore. 569:574. 2001

Article: Mandibular Remodeling: The Fifth Stage in Distraction Osteogenesis Healing

Author(s): Guerrero C, Bell HW, Gonzalez M

Arnaud E, Diner PA (eds.). 3rd International Congress on Cranial and Facial Bone Distraction Processes. Monduzzi Editore: Paris, France. 2001

Chapter: Maxillary Advancement Combined with Posterior Palate Reposition via Distraction Osteogenesis: A Case Report

Author(s): Guerrero CA, Bell WH, Gonzalez M, Rojas A

In: Samchukov ML, Cope JB, Cherkashin AM (eds.). Craniofacial Distraction Osteogenesis. Mosby: St. Louis. 531:535. 2001

Chapter: Intraoral Distraction Osteogenesis

Author(s): Guerrero CA, Bell WH, Gonzalez M, Meza LS

Fonseca RJ (ed.). Oral and Maxillofacial Surgery. Volume 2, Chapter 19B. W.B. Saunders Co: Philadelphia, Pennsylvania. 2000

Article: Intraoral Widening and Lengthening of the Mandible in Baboons by Distraction Osteogenesis

Author(s): Bell WH, Gonzalez M, Samchukov ML, Guerrero CA

J Oral Maxillofac Surg 57(5):546-547. 1999

Article: Distraction histogenesis: effect of intraoral widening on gingiva and periodontal ligament.

Author(s): Bell WH, Gonzalez M, Guerrero CA, Samchukov ML

J Oral Maxillofac Surg 57[Suppl 1]:126-127. 1999

Article: Skeletal and dental movements during intraoral mandibular widening: tooth-

borne versus bone-borne appliances

Author(s): Gonzalez M, Samchukov ML, Bell WH, Guerrero CA
J Oral Maxillofac Surg 56:48. 1998

Article: Distraction osteogenesis to widen the mandible. Br J Oral Maxillofac Surg 35:11, 1997

Author(s): Bell WH, Harper RP, Gonzalez M, Cherkashin AM, Samchukov ML
J Oral Maxillofac Surg 35:11, 1997

Article: Lengthening the mandible by intraoral distraction osteogenesis: histologic and cephalometric evaluation

Author(s): Gonzalez M, Bell WH, Guerrero CA, Buschang PH, Samchukov ML
J Oral Maxillofac Surg 55:96. 1997

Article: Intraoral widening of the mandible by distraction osteogenesis: Histologic and radiographic assessment

Author(s): Bell WH, Gonzalez M, Guerrero CA, Samchukov ML
J Oral Maxillofac Surg 55:97. 1997

PRESENTATIONS

Craniofacial Implants Using our Stryker Navigation Protocol. **International Anaplastology Association (IAA)** Annual Meeting, Fort Worth, Texas. June 1st, 2016

Major Palatal Advancement and Dental Implants in Anterior Maxillary Atrophy. **American Association of Oral and Maxillofacial Surgeons (AAOMS)** 98th Annual Meeting. October 2016

Zygoma Implants from A to Z. Second Annual **American College of Oral and Maxillofacial Surgeons (ACOMS)** Meeting. Contemporary Concepts in Oral and Maxillofacial Surgery. Aspen Colorado January 29, 2015

Zygoma implants and All on four concept. Nobel Biocare at **University of Texas Medical Branch (UTMB)** Galveston, Texas. Galveston, Texas. September 15th, 2015

Zygoma Implants. Nobel Biocare course for North of Dallas. Frisco, Texas, November 6th, 2015

Dental implants and BMP-2. First **Congress of Fisura Labio and Paladar Surgery "Latin American Association of Oral Surgery" (NORCIBU)** meeting. Dominican Republic. November 6th, 2014

Biomechanical Considerations of Distraction Device Orientation. Faculty member for the first use of BMP-2 14 years Follow-up: techniques and possible complications "V Symposium Oviedo" Spain, February 10-12, 2011

All on 4 all on 6 concept: techniques and possible complications. "V Symposium Oviedo" Spain, February 10-12th, 2011

Distraction Osteogenesis versus angled implants. Academy of Osseointegration, Orlando, Florida. 1.5 CE credits, March 5th, 2010

Distraction Osteogenesis versus angled implants. Academy of Osseointegration, Orlando, Florida. 1.5 CE credits, March 5th, 2010

Two-day Course in: Trauma, Implants and Orthognathic Surgery. IV Seminario y Concurso de residents. Colegio de Cirugia Maxilofacial del Estado de Guanajuato, Mexico. 6 hours, 30 CE credits November 6-7, 2009

Predictable Mandibular Ramus Lengthening in Unilateral TMJ Ankyloses. 5th International Symposium on Orthognathic Surgery and Distraction Osteogenesis. Stuttgart, Germany, October 14-17, 2009

Predictable Mandibular Body and Ramus Lengthening in TMJ Ankyloses: 10-year Follow-up. Asian Congress of Oral and Maxillofacial Surgery. Bangkok, Thailand, November 2008

The use of Stereolithographic Models and New Imaging for Dental Implants. International Congress on Implantology P-I. Brånemark. Bogota, Colombia, October 2008

Maxillary/Mandibular Reconstruction by Distraction Osteogenesis & Orthognathic Surgery & Dental Implants, North Texas Society Meeting, Dallas, TX. September 2008

The Use of Stereolithographic Models in Maxillofacial Surgery. International Radiology Meeting, Caracas, Venezuela, April 2008

Maxillary Quadrangular Zygomaticus Implants in One Stage, North Texas Society Meeting, Dallas, TX. February 2008

Maxillary Quadrangular Zygomaticus Implants in One Stage. Australian and New Zealand Oral and Maxillofacial Association Annual Meeting. Perth, Australia. October, 2007

Maxillary and Mandibular Reconstruction by Distraction + Implants. Australian and New Zealand Oral and Maxillofacial Association Annual Meeting. Perth, Australia. October, 2007

Mandibular Reconstruction by Distraction Osteogenesis and Zygomaticus Implants. Per-Ingvar Branemark Honorary Day. Goteborg, Sweden. June 29, 2007

Maxillary and Mandibular Reconstruction by Implants/Zygomaticus. Nobel Biocare World Conference 2007. Las Vegas, May 20-24, 2007

Predictable Mandibular Ramus Lengthening in TMJ Ankyloses by Distraction Osteogenesis. 3rd Asia Pacific Congress on Craniofacial Surgery & Distraction Osteogenesis. Republic of Maldives, the Maldives Island. April 29-May 4, 2007

New Techniques in Mandibular Genioplasty. American College of Oral and Maxillofacial Surgeons. Annual Meeting, Orlando, Florida, April, 27, 2007

Cirugía Ortognática. X Congreso de Cirugía Bucal y Maxilofacial. Merida, Yucatán, Mexico. October 20-21, 2006

Maxillofacial Traumatology. International Association of Oral and Maxillofacial Surgery. Lima, Peru. 36 hours CE Credits. Oral surgeons and residents level. August 21-25, 2006.

Intraoral Distraction Osteogenesis. Celebration of the 50th Anniversary of the Department of Craneo-Maxillofacial Surgery-University of Zurich, Switzerland. September 29-October 1, 2006.

Implantología Presente y Futuro: carga inmediata. XXI Reunion de la Sociedad Argentina de Cirugía y Traumatología Bucomaxilofacial. Carilo, Buenos Aires, Argentina. September 20-23, 2006

Distracción Osteogénica y Cirugía Ortognática en Pacientes de Labio y Paladar Hendido. XV Aniversario "Caras Felices" II Jornadas Científicas de la Unidad Hendidura Labio Palatina Portuguesa. Acarigua, Venezuela. August 4, 2006

Traumatología Maxilofacial. Curso de Educacion Continua. Lima, Peru. August 21-25 2006

Ortognatica 3D. Asociacion Colombiana de Cirujanos Orales y Maxilofaciales, Annual Meeting. Barranquilla, Colombia. March 18, 2006

Implantes Zigomáticos y Sistema Novum. II Symposium Internacional de Implantología. Oviedo, España. February, 10-12, 2005

Symposium "Distraction Osteogenesis of the Craneo-maxillofacial Skeleton." Davos, Switzerland. December 9-10, 2004

Biomechanics in mandibular widening and lengthening in baboons. AO (*Arbeitsgemeinschaft für Osteosynthesefragen*) (German for "Association for the Study of Internal Fixation") International. Symposium Distraction Osteogenesis of the Craniofacial Skeleton. Davos, Switzerland. December 2004.

Zygomaticus implants and innovations. 2do Encuentro del Norte de Suramerica sobre Implantes Oseointegrados. Caracas, Venezuela. November 2004.

Maxillofacial implants. 1er Encuentro Académico Universitario. Mérida, Venezuela. November 2004.

Distraction osteogenesis biology and clinical experience. 1er Encuentro Académico Universitario. Mérida, Venezuela. November 2004. Alveolar reconstruction for dental implants. Rio de Janeiro, Brazil. 2004.

Workshop on Rigid Fixation. Sociedad Venezolana de Cirugia Buco Maxilo Facial. Caracas, Venezuela. March 2004.

One-stage Zygomatic implants. Sociedad Venezolana de Cirugia Buco Maxilo Facial. Caracas, Venezuela. March 2004.

Mandibular widening and lengthening by distraction osteogenesis: clinical cases and research studies. 2nd Asia Pacific Congress on Craniofacial Distraction Osteogenesis. Male, Republic of Maldives. March 2004.

Hands-on Workshop on Distraction Osteogenesis. IX Congreso Venezolano AVACFA. Caracas, Venezuela. January 2004.

Dental and Bone Anchorage Application for Mandibular Widening. 3rd International Symposium on Distraction Osteogenesis and Orthognathic Surgery. Department of Maxillofacial Surgery Marienhospital. Stuttgart, Germany. October 17-18, 2003

Speaker/Instructor. Oral and Extraoral Implants. Nobel Biocare, Oral and maxillofacial surgeons and residents level. San Andres, Colombia 2003

Distraction osteogenesis sagittal split osteotomy for bone transport in mandibular reconstruction. International Symposium on Problems and Complications in Corrective Surgery of Facial Skeletal Anomalies. Zurich, Switzerland. March 2003.

Seminario en: Complicaciones en Cirugia Ortognatica. Manzanillo Colima, Mexico. November 28-29, 2002.

Complications in orthognathic surgery. Manzanillo Colima, Mexico. November, 2002.

Live surgery and conferences with Professor P.I. Branemark in Venezuela. Implantology Present and Future. 1er Encuentro del Norte de Suramerica sobre Implantes Oseointegrados. Caracas, Venezuela. October 2002.

Workshop/Surgical Training in Distraction Osteogenesis. Entrenamiento quirúrgico en distracción osteogénica". Curso teórico-practico. Centro de Cirugía Maxilofacial Santa Rosa. Caracas, Venezuela. Agosto 2002.

Alveolar Distraction Osteogenesis Vs. Grafts. Congreso de Cirugia Oral y Maxilofacial. Boca Del Rio, Veracruz, Mexico. May, 2002.

Distraction Osteogenesis Vs. Orthognathic Surgery. Congreso de Cirugia Oral y Maxilofacial. Boca Del Rio. Veracruz, Mexico. May, 2002.

Distracción Osteogénica vs. Cirugía Ortognática. Congreso de Cirugía Oral y Maxilofacial. Boca del Rio, Veracruz, Mexico. May 1-3, 2002

Avances en implantes maxilofaciales. Avances en Cirugía Bucal y Maxilofacial. Hospital Universitario de Caracas. Caracas, Venezuela. Noviembre, 2001.

Distracción Osteogénica. Asociación y Colegio de Cirugía Bucal y Maxilofacial de Nuevo Leon. Monterrey, Mexico. October 27-28, 2001.

Mandibular remodeling the fifth stage in distraction osteogenesis. Craniofacial distraction osteogenesis. Current techniques and future directions. Dallas, Texas. October 2001.

Distracción osteogénica, bases histológicas, cambios posicionales, aumento alveolar para la colocación de implantes. Nuevas técnicas de implantes. La Asociación y Colegio de Cirugía Bucal y Maxilofacial de Nuevo León. Nuevo León, Mexico. Octubre 2001.

Entrenamiento quirúrgico en distracción osteogénica. Curso teórico-practico. Centro de Cirugía Maxilofacial Santa Rosa de Lima. Caracas, Venezuela. Agosto 2001.

Controversias y avances en implantes oseointegrados. Estado del arte en implantología. III Jornadas Odontológicas Internacionales de la isla de Margarita. Isla de Margarita, Venezuela, Julio 2001.

Alveolar distraction and horizontal maxillary distraction for the adult alveolar cleft. Intraoral Distraction Osteogenesis Workshop. Military Hospital of Shenyang, Shenyang, PR of China. April 2001.

Intraoral mandibular widening by distraction osteogenesis: "14 years of experience". 2nd Craniomaxilofacial Surgery Meeting. Dr. Joseph McCarthy. New York, New York. March 2001.

Distracción Osteogénica Intrabucal: Estado del Arte Curso Teórico-Práctico. Historia y principios biológicos-Experimentos de laboratorio-distracción alveolar. Centro Médico Docente la Trinidad, Caracas, Venezuela. Marzo 2001.

Tratamiento de prótesis e implantes para el edéntulo maxilar. Implantes Zigomáticos. "60º Aniversario de la Facultad de Odontología, UCV. Caracas, Venezuela. Noviembre 2000.

Alveolar distraction osteogenesis and implants. International TeamDay. Goteborg, Sweden. July 6-8, 2000.

Segmental distraction osteogenesis for implant placement. Nobel Biocare International TeamDay. Goteborg, Sweden. July 2000.

Bone transport for the adult alveolar cleft. World Cleft Congress of the International Cleft Lip and Palate Foundation. Zurich, Switzerland. July 2000.

Distraction for segmental osteotomies. Faculty member for the AO ASIF Distraction Osteogenesis Course. Chicago, Illinois. December 1999.

Mandibular widening by osteodistraction. Distraction in Bruges. Congress Centre Old St. John Hospital. Bruges, Belgium. September 1999.

Distraction osteogenesis, laboratory and clinical studies. Faculty member for the AO ASIF Distraction Osteogenesis Course. Louisville, Kentucky. May 1999.

Skeletal and dental positional changes associated with mandibular widening: tooth-borne versus bone-borne appliances. 14th International Conference on Oral and Maxillofacial Surgery. Washington, DC. April 1999.

Skeletal and dental movements during mandibular widening: tooth-borne versus bone-borne appliances. 56th Annual Meeting & Post-Conference Symposium. Scottsdale, Arizona. April 1999.

History and evolution of craniofacial distraction osteogenesis, clinical and research experience. Guest Lecturer for the annual North Texas Society Meeting. University of Texas South West, Dallas, Texas. March, 1999.

History and Evolution of Craniofacial Distraction Osteogenesis. Faculty member for the Intraoral Distraction Osteogenesis hands-on course. Baylor College of Dentistry, Dallas, Texas, March 1999

Instructor on Hands-on Courses. Distraction Osteogenesis. Oral and maxillofacial surgeons' level. New Orleans, Louisiana, 8 hours, 2006-2008. Caracas, Venezuela, 18 hours, 2000-2007. Dallas, Texas, 12 hours, 1999.

Craniofacial Principles. Hands-on Course. AO Synthes International. Instructor. Oral and maxillofacial surgeons and residents level. 8 hours. Caracas, Venezuela, 2005 Davos, Switzerland, 2004. Chicago, USA, 1998.

Bell WH, Gonzalez M, Guerrero CA, Zhou N. Mandibular lengthening by a new intraoral bone-borne distraction appliances. 47th Congress of the German Society of Oral and Maxillofacial Surgery in conjunction with the American Association of Oral and Maxillofacial Surgeons. Stuttgart, Germany, 1997

Bell WH, Gonzalez M, Guerrero CA, Samchukov ML. Mandibular widening by osteodistraction after symphyseal osteotomy in primates. 47th Congress of the German Society of Oral and Maxillofacial Surgery in conjunction with the American Association of Oral and Maxillofacial Surgeons. Stuttgart, Germany, 1997

Samchukov ML, Bell WH, Gonzalez M, Cherkashin A. Distraction osteogenesis of the alveolar bone in mandibular widening. Association for Study and Application of the Methods of Ilizarov A.S.A.M.I. North America The Limb Lengthening and Reconstruction Society. Seventh Annual Scientific Meeting. San Francisco, California. February 1997

Anesthesia in politraumatized patients. 35th Congreso Odontológico Nacional, 4th Congreso Odontológico Internacional. Puerto La Cruz, Venezuela. July 1994.

How to prevent complications in oral surgery. Curso: Manejo y Prevención de Complicaciones en Cirugía Bucal. Caracas, Venezuela. November 1993.

Flexible rigid maxillary fixation. Semana de la salud bucal. Caracas, Venezuela. October 1993.

Flexible rigid maxillary fixation: A new concept. 16th Congreso Venezolano de Cirugía Bucal-Maxilofacial. Maracaibo, Venezuela. July 1993.

Surgery of impacted teeth by four hands. Primeras Jornadas Odontológicas de Cabimas. Cabimas, Venezuela. February 1993

Surgical anatomy in dental implants. Curso de Implantes Dentales de Oseointegración. Merida, Venezuela. November 1992.

Mandibular reconstruction. 34th Congreso Odontológico Nacional. Margarita, Venezuela. July 1992.

Bone fractures during the extraction. 34th Congreso Odontológico Nacional. Caracas, Venezuela. July 1992.

Maxillary bone fractures during the extraction. Curso de Cirugía Bucal en las Mini Jornadas Odontológicas del COM. Caracas, Venezuela. May 1992.

Analysis of human profiles. 1ra. Jornadas Científicas Estudiantiles. Caracas, Venezuela. May, 1987.

Annual course: Intraoral Distraction Osteogenesis: Current Techniques and Future Directions. TAMHSC Baylor College of Dentistry, Dallas, Texas. October 1998

AWARDS

Twenty Five years as a Dentist 2016

Omicron Kappa Upsilon, Dallas, Texas 2016

Millo Hellman Research Awarded in December 2015 and received in May 2016 at the American Association of Orthodontics meeting. Analysis of Bone Augmentation with Corticotomy-Facilitated Dental Expansion: A Histological & Micro-CT Study. 2016

First Place Best Presentation “Case Study poster presentation 29th Annual Meeting. March 6-8 Seattle, WA. Academy of Osseointegration 2014

Second Place. Best Scientific Poster Presentation. AACOMS 35th Annual Meeting 2014

Second Place. Academy of Osseointegration Best Presentation 2014

Five Years of Service. **TAMHSC** Baylor College of Dentistry 2012-2013

Became United States Citizen United States Citizenship and Immigration Services 08/2012

Best Oral Abstract Presentation ACOMS, San Antonio, Texas. Ding M, Gonzalez M, Triplett G, Verma S. Stryker Planning Navigation System Protocol for Craniofacial Reconstruction 04/2010

International Award, Poster presentation 85th Annual Meeting, American Association of Oral and Maxillofacial Surgeons, Scientific Sessions and Exhibition. Orlando, Florida Guerrero CA, Rojas A, Figueroa F, Gonzalez M, Bell WH, Boyne P. *Traditional versus BMP-2 induced Intraoral Bone Transport in Mandibular Reconstruction* 09/2003

El Honorable Ayuntamiento De Boca Del Rio Certified Dr. Marianela Gonzalez Distinguish Visitor of Boca Del Rio, Veracruz, Mexico 05/2002

First Place, Poster presentation V International XX Meeting Venezuelan Oral and Maxillofacial Surgery. Caracas, Venezuela Gonzalez M, Bell WH, Guerrero CA, Samchukov ML. Distracción osteo-histogenica: efecto en el hueso alveolar, tejido gingival y ligamento periodontal 07/2001

Certificate of Excellence The Limb Lengthening and Reconstruction Society's 11th Annual Scientific Meeting. Berkeley, California Joe W King Orthopedic Institute, Association for the Study and Application for the Method of Ilizarov. Association of the Study and Applications of the Method of Ilizarov (ASAMI)-North America **02/2001**

Certificate of Appreciation. American College of Oral and Maxillofacial Surgeons for the Alveolar Distraction Osteogenesis Symposium 21st Annual Conference, Washington, D.C. 04/2000

First Place, Poster presentation First Annual Conference, American College of Oral and Maxillofacial Surgeons. Washington, D.C. Bell WH, Gonzalez M, Samchukov ML, Guerrero CA. Distraction Histogenesis: Effect of Intraoral Widening on Gingiva and Periodontal Ligament. 04/2000

Certificate of Excellence The Limb Lengthening and Reconstruction Society's 10th Annual Scientific Meeting. Lake Buena Vista, Florida. Joe W King Orthopedic Institute, Association for the Study and Application for the Method of Ilizarov. Association of the Study and Applications of the Method of Ilizarov (ASAMI)-North America 03/2000

Certificate of Appreciation American College of Oral and Maxillofacial Surgeons for the Alveolar Distraction Osteogenesis Symposium. 21st Annual Conference, Washington, D.C. 04/2000

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ORGANIZATIONS

Omicron Kappa Epsilon -- Dallas, TX (2016 – Present)

Texas Society of Oral and Maxillofacial Surgeons TSOMS (2010 – Present)

Texas Dental Association TDA (2008 – Present)

North Texas Hispanic Dental Association NTSOMS (2008 – Present)

Dallas County Dental Society (2008 – Present)

AO Foundation-- Davos, Switzerland (2004 – Present)

Baylor Oral and Maxillofacial Surgeons Alumni Associate ABOMS (2004 -- Present)

American College of Oral and Maxillofacial Surgeons ACOMS (2001 – Present)

International Association of Oral and Maxillofacial Surgeons IAOMS (2001 – Present)

Latin-American Association of Oral and Maxillofacial Surgery ALACIBU (2001 – Present)

Association of the Study and Applications of the Method of Ilizarov. North America-The Limb Lengthening and Reconstruction Society (1999 – Present)

Hispanic Dental Association HDA (1999 – Present)

Distraction Osteogenesis Interactive Study Group (1998 – Present)

Venezuelan Association of Oral Pathology (1994 – Present)

Venezuelan Association of Craniofacial Anomalies (1994 – Present)

Venezuelan Association of Oral and Maxillofacial Surgeons (1994 – Present)

Venezuelan Association of Doctors in Dental Surgery in Venezuela (1992 – Present)

Venezuelan Association of Doctors in Dental Surgery for the Metropolitan Area (1992 – Present)

INSTITUTIONAL AND COMMUNITY SERVICE

- ❖ Oral and Maxillofacial Surgeon at Scottish Rite Hospital as a charity service for the community of Dallas. Volunteer
- ❖ Member of the task force for the construction of the new curriculum for Texas A&M College of Dentistry 2018-Present. Appointed by the Dean
- ❖ Member of the sub-committee for the new curriculum for the third-year dental students

2018-Present. Volunteer

- ❖ Full Time Faculty and Attending at Baylor University Medical Center. Dallas, Texas
Trauma 1 Level Hospital serving the DFW area

LICENSURE

Texas Dental License (2007 – Present)

Pediatric Advance Life Support (PALS) (2013- Present)

Certificate of Office Anesthesia Evaluation (2010 – Present)

Advanced Cardiovascular Life Support (ACLS) (2007- Present)

Cardiopulmonary Resuscitation (CPR) (1996- Present)