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Edinburg, TX 78539
O: (956) 668 0060
F: (956) 668 0070

CURRICULUM VITAE

RAUL A. MARQUEZ, M. D.

Orthopedic Surgeon
Specializing in Sports Medicine & Reconstruction of the Knee

Date of Birth: July 8, 1955
Place of Birth: Mexico City, Mexico
Languages: English, Spanish, Italian

Education: M.D., La Salle University
Mexico City, Mexico, 1978

Training: Internship, American British Cowdray Hospital
Mexico City, Mexico
July 1, 1977-June 30, 1978
Residency, Orthopaedic Surgery, University of Toronto
Toronto, Canada
July 1, 1981-June 30, 1986
Research Fellowship, Department of Orthopaedic
Orthopaedic Surgery/ Spinal Cord Monitoring
Neurophysiology
Gordon Armstrong, MD
University of Ottawa, Canada
Ottawa Civic Hospital
July 1, 1980-June 30, 1981

Academic Appointments: Cornerstone Regional Hospital
Chief of Staff, October 1998
Board of Managers President, 1998-Current
Edinburg, Texas
Edinburg Medical Hospital
Chief of Surgery, January 1994
Edinburg, Texas
Midwest Medical Center
Vice Chairman of Orthopedic Department
Indianapolis, Indiana
May 1988-1992
St. Vincent Hospital
Indianapolis, Indiana
May 1988-1992
Humana Hospital
October 1986-1990
Mexico City, Mexico
German Diaz Lombardo Hospital
Chief of Teaching Department
August 1986-September 1987
Mexico City, Mexico

**Private Practice
Associates:**

George F. Rapp, M.D.
Edinburg, Texas
May 1988—1992
Solo Practice, Ortopedia y Traumatologia
Ave. Benjamin Franklin
Mexico City, Mexico
October 1987– April 1988
Eduardo Luque, M. D.
Nelson Cassis, M.D.
Mexico City, Mexico
August 1986—September 1987

**Professional
Activities:**

Research Fellowship, Orthopaedic Surgery/Spinal Cord Monitoring
E. H. Simmons, MD
University of Toronto, Canada
Toronto East General Hospital
July 1, 1981—June 30, 1982
Research Fellowship, Department of Orthopaedic
Orthopaedic Surgery/ Spinal Cord Monitoring
Neurophysiology
Gordon Armstrong, MD
University of Ottawa, Canada
Ottawa, Civic Hospital
July 1, 1980—June 30, 1981
Social Service, Medical Department of Investigation and Teaching
American British Cowdray Hospital
Mexico City, Mexico
July 1, 1978—June 30, 1979

**Professional
Societies:**

The American Association of Orthopaedic Medicine
Texas Society of Sports Medicine
Ontario Medical Associates
Academy of Medicine– Toronto, Canada
Asociacion Medica La Salle
Marion County Medical Society
American Medical Association
Seventh District Medical Society
The American Fracture Association Member
Publications Committee
Intra– American College of Physicians and Surgeons
Southern Medical Association
Hidalgo—Starr County Medical
American College of Healthcare Executives,
ACHE, March 2008
American Board of Forensic Medicine
American College of Forensic Examiners
Arthroscopy Board of North America

**Professional
Activities:**

American Back Society
American Academy of Pain Management/ Diplomat
OMNI Physician's Association
National Board Member Arthritis Foundation, March 2003
Sports Medicine Association of South Texas
 President 1992-1994
Mexican Board of Orthopaedics and Traumatology
 March 1987

**Professional
Societies:**

Indiana State Medical Association
International Intradiscal Therapy Society
Texas Medical Foundation
The American Academy of Neurological & Orthopaedic Surgeons
 (Fellow)

**Related
Experience:**

Designated Physician, State of Texas TWCC
 Recertification August 1999
Sports Authority Rio Grande Valley
 Appointed June 1999
Assistant, Physician Assistant Studies Program
 University of Texas Medical Branch at Galveston
 1992– Current
Team Physician, Professional Soccer Team
 CHIVAS, Guadalajara, Jalisco, Mexico
 Current
 UT Pan American Broncs
 PSJA Alamo North Raiders
 PSJA South Bears
 Mission Eagles
 La Joya Coyotes
 Rio Grande City Rattlers
 Roma Gladiators
 Current
 Indianapolis Indiana, 1988—1992
Physician Consultant for:
 Edinburg Bobcats
 Edinburg North Cougars
 Edcouch Elsa Yellow Jackets
 Donna Redskins
 Current
Education Committee, St. Vincent Hospital
 1991
Orthopaedic Consultant, Peruvian Air Force Central Hospital
 Fuerza Aerea Del Peru, August 1991

Related Experience: Translator, “Patient Education” video
Indianapolis, Indiana
March 1988

National Examination of Medical Knowledge
November 1979
Mexico City, Mexico

Evaluating Examination of the Medical Council of Canada
January 1980

ECFMG, January 1982

Anatomy Instructor
University of Toronto
July 1981—December 1981

Licensure & Certifications: Texas, U.S.A., No. J1302 June 17, 1992
Mexico, No. 604521 March 24, 1980
Indiana, U.S.A., No. 01036674 April 21, 1988
Board Certified by Consejo Mexicano De Ortopedia
Y Traumatologia, A.C., Mexico, DF, March 1987
Board Certified by Arthroscopy board of North America
Board Certified Fellow American Academy of Neurological
& Orthopaedic Surgeons, July 4, 1993
Board Certified, Diplomat-American Academy of Pain Mgmt.
Recertification AANOS, November 1998
Advanced Trauma Life Support
Federal Licensing Examination, June 1983

Awards: Aesculap Implant Systems Recognition Award
International OrthoPilot Navigation Reference Center
Best Practices and Expertise in using the OrthoPilot
Navigation System
August 13, 2007

B. Braun Recognition Award
100 Navigated Columbus Knee Endroprostheses
February 2007

Physician Recognition Award/ American Medical Association
January 1989

Honorary Member AMOT, Asociasion Mexicana de Ortopedia
Y Traumatologia

Publications: “Rackytanski Kuster Hauser Mayer Syndrome”: A Presentation of
Three Cases: Marquez, R. A. , Moreno, R. Rubio, B., Annals of
the American British Cowdray Hospital, Mexico City, Mexico,
April 1980

“Spinal Cord Monitoring: An alternative Method” Marquez, R.A.,
Armstrong, G. W., Ottawa Civic Hospital Journal, May 1981.

Publications:

- “An Analysis of the Indications and Results of Dwyer instrumentation of the Spine for Treatment of Idiopathic Scoliosis” Marquez, R, Simmons, E.H., Johnson, J.R., Orthopaedic Transactions, “Spasmodic Torticollis”
Marquez, R.A., Simmons, E.H., Orthopaedic Transactions, Vol. 7 No. 1, Spring, 1983, p 122.
- Spanish Translation of “ Patient Education Booklet”: by Dr. Eugene Norby, Published by Boots Co. PLC, 1989
- “Carbon Dioxide Laser Arthroscopy”: A new Dimension in Knee Surgery
Duckworth, Monica, R.N., C.N.O.R., Marquez, R.A. AORN, Vol. 54, No. 4, October 1991.
- “Arthroscopic Surgery”
Marquez, R. A., Surgical Laparoscopy and Endoscopy, Vol. 2, No. 1, 1992.
- “Arthroscopic Laser Surgery: Clinical Applications”: 10.6 mm CO₂ Arthroscopic Laser Surgery of the Knee: Practical and Useful Applications, Raul Marquez, M.D., Springer-Verlag New York, Inc., Edited by Allen T. Brillhart, M.D., 1995. Chapter 30.
- “Mobile Bearing Knee-New System”, Raul Marquez, M.D., Orthopedics Today, Volume 19, Number 8, August 1999
High School Sports Magazine 1999
- “Surgical Technique– Total Knee Arthroplasty”
Designer Surgeon, Raul A. Marquez, M.D.
Encore RAM TKA
March 2001, Austin Texas

Presentations:

- Faculty: “Streamlining Navigation Applying MIOS Technique”
Knee Expert Training 2007, Aesculap Orthopaedics
Vianna, Austria, July 5-6, 2007
- Lecturer: Tehcnological Advances in total Joint Arthroplasty
“RAM MBR: Acomparision prospective study of three types of Mobile Bearing Knees”
San Jose del Cabo, Los Cabos, Mexico, Nay 2004
- Lecturer: Arthritis Foundation, “Arthritis and Joint Replacement Surgery”
McAllen, Texas, June 17, 2001
- Faculty: Twelfth International Symposium on Joint Reconstructin,
“Modular Total Knee System”
Presented at Laguan Niguel, California, April 2001

Presentations:

- Lecturer: The Spectrum of Orthopaedics, "Mobile Bearing Knee"
Presented at Vail, Colorado, January 2001
- Lecturer: Bio Mechanical Principles in Total Knee Arthroplasty/
Mobile Bearing Knee
Presented at Saudi Arabia, October 2000
- Lecturer: The Spectrum of Orthopaedics, "Trauma and Spine"
Mobile Bearing Knee Concepts
Hilton Head, South Carolina, April 2000
- Lecturer: "10th Medical Conference", Dr. Fernando Hiromuro CICOM
2000; Guadalajara, Jalisco, January 2000
Lecture: I. Osteochondral Transfers, New Concepts
II. Meniscal Transplants
- Lecturer: "Meniscal Transplant and Arthroscopic Treatment of the
Knee Pathologies"
International Arthroscopy Congress, Feb. 1999
- "Osteochondral Transfers/ A Useful Alternative"
International Congress of Knee Surgery, June 1997
- Surgical Solutions Seminar
"Total Knee Arthroplasty: Cemented or Press-fit", November
1996; Presented at Knee Society, Cancun Mexico
- "Anterior Cruciate Ligament Repair", August 1995
Patellar Tendon vs. Hamstrings Reinforced
Presented by AAONOS
- Lecturer: "Sports Medicine Update"; May 1994
Presented at Licensed Vocational Nurses' Association of Texas
- Lecturer: "Knee Injuries"
First Annual Sports Medicine Association of South Texas
July 31, 1993
- "Sideline Manners in Sports Medicine"
Presented at the First Annual Sports Medicine Association
Of South Texas, July 31, 1993
- "The U.S. Olympic Team Experience: A Model for Sports Medicine"
Continuing Medical Education Course
U.S. Olympic Committee, January 1992
- "Sports Medicine Update, 1992"
Presented at Licensed Vocational Nurses' Association of Texas
- " Laser Arthroscopic Surgery, Does it Work?" 258 Cases
Peruvian Air Force Hospital, August 1991
- "Meniscal Tears-Should They All be Repaired?"
General Hospital, Mexico City, Mexico, September 1991
- "Anterior Cruciate Ligament Repair-An Intraarticular Technique"
Peruvian Orthopaedic Society
Lima Peru, August 1991

Presentations:

- “Diagnostic and Therapeutic Arthroscopy”
Advanced Laparoscopic Surgery, The International Experience
Indianapolis, Indiana, May 1991
- “Arthroscopic Surgery– A New Perspective”
St. Vincent Hospital, Indianapolis, Indiana, April 1990
- “Surgical Treatment of Spinal Deformities”
St. Vincent Hospital, Indianapolis, Indiana, June 1990
- “Laser Arthroscopy Update”
Association of Operation Room Nurses
Indianapolis Chapter, November 1990
- “Arthroscopic Surgery of the Knee”
Shriners Hospital for Crippled Children,
Mexico City, Mexico
October 1990
- “Arthroscopic Surgery of the Elbow”
Shriners Hospital for Crippled Children,
Mexico City, Mexico
October 1990
- “Long Term Prognosis of Os-Calcis Fractures”
Presented at Kennedy Day
May 1985, University of Toronto, Canada
- “Failed Acromioplasty: A Critical Analysis”
Presented at Kennedy Day
May 1986, University of Toronto, Canada
- “Docotrs Teaching Course in Chymonucleolysis”
Atlanta, Georgia-Oct 1987 & March 1988
Published by the International Intradiscal Therapy Society
- “CO₂ Laser in Arthroscopic Knee Surgery”
Synergy, 1989-1992
- “Spasmodic Torticollis”
Presented at the Cervical Spine Society
December 4, 1982, New York
- “An Analysis of the Indications and Results of Dwyer Instrumentation
Of the Spine for Treatment of Idiopathic Scoliosis”
Presented at ht he Spine for Treatment of Idiopathic Scoliosis,
Scoliosis Research Society
September 25, 1982 Denver, Colorado
- “Spinal Cord Monitoring: An Alternative Method”
Seventh Annual Clinical Day of Ottawa Civic Hospital
May 1981, Ottawa Ontario

Chief Designer:

- I. Navigation Technique for OrthoPilot System, Columbus Total Knee
Arthroplasty, 2006-Present
- II. Mobile Bearing Total Knee Replacement, Cornerstone Knee
Developed in conjunction with Encore Orthopaedics
Austin, Texas 1999

Community Outreach: Host: "Your Active Life", Television Educational Community Program
KGBT4, Rio Grande Valley
August 2007-Dec 2007
Host: "Tu Vida Activa", Spanish Television Educational Community Program, XERV Televisa, Rio Grande Valley
August 2007-Dec. 2007