

## CURRICULUM VITAE

### PERSONAL ANTECEDENTS

Name : Rodrigo Mardones Petermann.  
Address : Sendero Las Lagunas 2941. Valle Escondido. Lo Barrechea. Santiago. Chile  
Telephone Number : (569) 92761761  
E-Mail : rmardones@clc.cl  
Age : 43 y.o.  
Date of Birth : 12/26/1973  
Civil Status : Married

### ACADEMICAL BACKGROUND

Academic Position      **Assitant Porfessor**  
Orthopedic Department  
Faculty of Medicine  
Universidad de Chile  
2015-

**Assistant Professor**  
Orthopedic Department  
Faculty of Medicine  
Pontificia Universidad Catolica de Chile  
May 2007

**Instructor**  
Orthopedic Department  
Faculty of Medicine  
Pontificia Universidad Catolica de Chile  
May 2002-July 2006

**Director**  
L.I.T.O.T.  
Laboratorio de Ingeniería en Tejidos Aplicada a Ortopedia y Traumatología  
Centro de Investigaciones Médicas (C.I.M.)  
Facultad de Medicina  
Pontificia Universidad Católica de Chile  
July 2004-April 2007

Current Clinical Position	<p>Adult Reconstructive Surgery Clinica las Condes, Santiago Chile</p> <p>Chief of Hip And Pelvis Surgery 2010-2017</p>
Current Research Position	<p>Laboratorio de Ingenieria en Tejidos para Ortopedia y Traumatología <b>L.I.T.O.T. Cell Therapy Center. Clinica Las Condes.</b> Director</p>
Research Position	<p>Secretary of Research Division of Surgery Pontificia Universidad Catolica de Chile July 2005 – May 2007</p> <p>Director of Orthopedic Research Department of Orthopedic Pontificia Universidad Catolica de Chile July 2004 – May 2007 Academical Director Department of Orthopedic Clinica Las Condes July 2007 – January 2010</p>

### **Fellowships**

October - December <b>2001</b>	<p>Fellow-Visitor: Adult Reconstructive Surgery / Lower Extremities. Mayo Clinic Rochester – Minnesota USA</p>
January- July <b>2003</b>	<p>Research Fellow Cartilage &amp; Connective Tissue Research Department of Orthopedics Research Mayo Clinic Mentor: Shawn O’Driscoll (Director) Rochester – Minnesota USA</p>

July 2003 – June 2004      Adult Reconstructive Surgery Fellow  
Department of Orthopedics  
Mayo Graduate School Of Medicine  
Mayo Clinic  
Rochester – Minnesota  
USA

ECFMG Certified      : March 2003

### **Residency**

:  
March 2001 - April 2002      Pontificia Universidad Catolica de Chile's Orthopaedic  
Surgeon Chief Resident.

May 1999 - April 2002 Resident on Orthopedics Surgery  
Clinical Hospital of Pontificia Universidad Catolica de Chile Medical School

1992-1998      Faculty of Medicine, Universidad de Chile  
Sede Norte, Hospital Clínico J.J. Aguirre, Santiago  
Graduated with "Maximum distinction". Honors Degree

Secondary School      :      Instituto Nacional "José Miguel Carrera", Santiago-Chile  
1987-1991

Primary School      :      Colegio Concepción, Concepción-Chile  
1980-1986

### **Scientific Works**      :

#### **GRANTS – RESEARCH PROJECT**

1. Prospective Radomize Double Blind Study on the usefulness of expanded MSC versus placebo on the treatment of disc disease

A Chahin, C Larrain, C. Jofre, **R Mardones**

Grant From: Concurso de Investigacion Direccion Academica Clinica Las Condes. 2016

2. Use of expanded heterologous MSC from fat , bone marrow and UC in regenerative treatment of acute diseases. Des-celularized and re- celularized tissue engeniering for transplant.

**Mardones. Rodrigo**, Jaureguiberry Beltran, Chahin Andres, Kuflik Mario, Currie William  
Proyecto CORFO INNOVA desarrollo empresarial. Clinica Las Condes.

**2013**(US3.5million)

3. Development of a Tissue Engineering / Stem cells based laboratory to treat cartilage and Bone diseeseases.

**Mardones, Rodrigo**. Martinez Rafael. Zunino Hugo, Beltran Jauregiberry, Kuflik Mario  
Proyecto CORFO INNOVA desarrollo empresarial. Clinica Las Condes.

**2010** (US2million)

4. Biomolecular expression profile of adipose estromal mesenchymal stem cells during chondral differentiation.

**Mardones, Rodrigo. Martinez, Rafael**

Grant From: Concurso de Investigacion Direccion Academica Clinica Las Condes. 2008 (US 10.000)

5. **TGF- $\beta$  y PPAR $\gamma$**  pathway interaction on signal and chondral differentiation way of adult MSC from adipose tissue

**Mardones, Rodrigo, Broffman Miguel, Martinez Rafael.**

Grant From: Concurso VRAID. Proyectos conjuntos Facultades Medicina/Cs Biologicas 2007. (US10.000).

Laboratorio de Ingeniería en tejidos aplicada a Ortopedia y Traumatología (L.I.T.O.T.)

Laboratorio Biología Molecular

Facultad de Medicina / Facultad de Ciencias Biologicas

Pontificia Universidad Católica de Chile

**2007**

6. Sox9 Pattern during chondral differentiation of BMMSC. Pilot study

Martinez Rafael, **Mardones Rodrigo** (US 6000)

Grant From: Division of Surgery. Pontificia Universidad Catolica de Chile

Laboratorio de Ingeniería en tejidos aplicada a Ortopedia y Traumatología

(L.I.T.O.T.)

Centro de Investigaciones Médicas. Escuela de Medicina

Pontificia Universidad Católica de Chile. **2006**

7. ACI (Adult chondrocytes implant) v/s MSC (Mesenchymal Stem Cells) in the treatment of full thickness cartilage lesion with or without a membrane carrier. An animal model

**Mardones, Rodrigo; Martinez Rafael**

Grant From: Veter Quimica Chile(US 25.000)

Laboratorio de Ingeniería en tejidos aplicada a Ortopedia y Traumatología (L.I.T.O.T.)

Centro de Investigaciones Médicas. Escuela de Medicina

Pontificia Universidad Católica de Chile

**2006**

8. Trabecular Metal for Osteochondral Defect Repair

Shawn W. O'Driscoll, Eike H. Mrosek,.. Gregory G. Reinholz, Yvonne H. Chung, Jan C.

Schagemann, James S. Fitzsimmons, Kimberly K. Amrami, Joel P. Felmlee,

Michael J. Yaszemski, Kai-Nan An

Grant from: Zimmer Corp.

Cartilage and Conective tissue repair lab. Mayo Medical School. Mayo Clinic

Rochester, MN. USA

US: 200.000

External Collaborator: **Mardones, Rodrigo**: Escuela de Medicina; Pontificia Universidad Católica de Chile

**2006**

9. Human umbilical cord blood-derived mesenchymal stem cells. Seletion, expansion and Osteogenic / Chondral Diferentiation.

**Mardones, Rodrigo; Martinez Rafael**

Grant From: Young Investigator Research Grant. Research Direction of Pontificia Universidad Catolica de Chile. (US 10.000)

**2005**

10. Usefulness of platelet concentrate and/or bone plugs in improving integration and maturing process of autologous semitendinosus gracilis tendon graft after ACL reconstruction.  
Orrego Mario; Valenzuela Luis; Durruty Juan; Mata Jose; **Mardones Rodrigo**.  
Hospital Militar de Santiago  
Grant from: Young investigator grant. Universidad de los Andes (US 20.000)  
**2005**
11. Utility of autologous platelet concentrate improving healing of damaged muscle.  
Ortiz Cristian, Apablaza Daniel, **Mardones Rodrigo**.  
Grant from: Surgical Division Research Grant. Pontificia Universidad de Católica de Chile (US 4000)  
**2005**
12. Human Adipose Tissue Derived Mesenchymal Stem Cells. Expansive culture, osteogenic and chondrogenic differentiation.  
Filipi Jorge, Grau Luis, Cabrera Gonzalo, **Mardones Rodrigo**.  
Grant from: Surgical Division Research Grant. Pontificia Universidad de Católica de Chile (US 4000)  
**2005**
13. Trabecular Metal/ Periosteal Arthroplasty for Major Osteochondral Defect Repair.  
**Rodrigo Mardones**, James S. Fitzsimmons, Gregory Reinholz, Michael Yaszemsky, David Lewallen, and Shawn W. O'Driscoll  
Mayo Clinic, Rochester, MN, USA  
Mayo Clinic, Orthopedic Research Grant (US 6500)  
**2004**
14. Surgical Treatment of Femoroacetabular Impingement. A reliable arthroscopic technique?  
**Mardones P, Rodrigo**; Stuart Michael; Glick James; Trousdale Robert.  
Mayo Clinic, Rochester, MN, USA  
Mayo Clinic, Orthopedic Research Grant (US 5000)  
STRYKER Research Grant (US 6000)  
**2003-2004**
15. Effects of radiofrequency over the human meniscus. Comparative study between menisci from patients younger and older than 40y.o.  
Figueroa David, Calvo Rafael, Vaisman Alex, Carrasco Miguel, Galleros Marcela, **Mardones Rodrigo**.  
Grant from Clinica Alemana de Santiago. (US 13.330)  
**2004**.
16. Adipose Tissue Derived Mesenchymal Stem Cells. Expansive culture and chondrogenic potential over Rabbits knee osteochondral defects  
Filippi N, Jorge; Villa M, Andrés; Carrión M, Marco; Grau N, Luis; Paulos A, Jaime;  
**Mardones P, Rodrigo**  
Grant from: Medical Research Center of "Pontificia Universidad de Católica de Chile"  
Amount of funds: US 2000. **2003-2004**
17. Usefulness of Bone Marrow derived Mesenchymal stem cells combined with autologous bone grafts during lumbar posterolateral arthrodesis in Rabbits

Urrutia, Julio; Apablaza, Daniel; Pizarro, Felipe; Filippi, Jorge;  
Zylberberg, Alejandro; Thumm, Nicolás; **Mardones P., Rodrigo**  
Grant from: Medical Research Center of " Pontificia Universidad de Catolica de Chile"

Amount of funds: US 2000

**2003-2004.**

18. Surgical treatment of femoroacetabular impingement, how far can we go?

**Rodrigo Mardones, M.D.**, Carlos Gonzalez, M.S., Frank Chen, Kenton R. Kaufman, Ph.D., Robert Trousdale, M.D.

Orthopedic Biomechanics Laboratory, Department of Orthopedics  
Mayo Clinic, Rochester, MN, USA

Mayo Clinic, Orthopedic Research Grant (US 5000)

**2003.**

19. Periosteal Chondrogenesis in the Presence of a Porous Tantalum Scaffold

**Rodrigo M. Mardones**, James S. Fitzsimmons, Gregory G. Reinholz, Arlen D. Hanssen, David G. Lewallen, and Shawn W. O'Driscoll

Cartilage and Connective Tissue Research Laboratory, Department of Orthopedics  
Mayo Clinic, Rochester, MN, USA

Mayo Clinic, Orthopedic Research Grant (US 5000)

**2003**

20. Improvement of the Chondrogenic capacity of Periosteal Explants Using Autologous Bone Marrow Derived Mesenchymal Cells

**Rodrigo M. Mardones**, James S. Fitzsimmons, Gregory G. Reinholz, and Shawn W. O'Driscoll

Cartilage and Connective Tissue Research Laboratory, Department of Orthopedics  
Mayo Clinic, Rochester, MN, USA

Mayo Clinic, Orthopedic Research Grant (US 5000)

**2003.**

21. Short Term Exposure to TGF-B1 Induces Chondrogenic Differentiation of Bone Marrow Derived Mesenchymal Stem Cells in a Comparable Manner to Long-term TGF- $\beta$ 1 Treatment.

**Mardones Rodrigo**, James S. Fitzsimmons, Gregory Reinholz, and Shawn W. O'Driscoll

Cartilage and Connective Tissue Research Laboratory, Department of Orthopedics  
Mayo Clinic, Rochester, MN, USA

Mayo Clinic, Orthopedic Research Grant (US 5000)

**2003**

22. Abductor Muscle Damage during Minimally Invasive Total Hip Arthroplasty: One-incision Versus Two-incision Surgical Technique. A cadaveric study.

Joseph P. Nemanich, **Rodrigo M. Mardones**, Mark W. Pagnano, Robert T. Trousdale.  
Department of Orthopedics

Mayo Clinic, Rochester, MN, USA

Mayo Clinic, Orthopedic Research Grant (US 5000)

**2003**

23. Bone Marrow Derived Stem-Cells (BMDSC) culture under TGF-B1 as a chondral

stimulant. Utility over full-thickness chondral defects in Rabbit's knees.

**Mardones P. Rodrigo**, Carrion Marco, Fillipi Jorge, Rodríguez Patricio,

Zúñiga Fulvio, Paulos Jaime

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile.

**2001-2002**

24. Full-Thickness Chondral Lesion in Dog's Femoral Head Repaired by

Autologous

Chondrocytes Cultured Transplantation

**Mardones Rodrigo**, Paulos Jaime, Liendo Carlos, Garrido Jorge, Cabanela Miguel, Arnoczky Steven P.

Grant from: Medical Research Center of "Pontificia Universidad de Catolica de Chile" and Surgery Division of Clinical Hospital of "Pontificia Universidad Catolica de Chile".

Amount of funds: US 4000

**2000-2001**

25. Radiofrequency Utility on Partial Thickness Lesion on Articular Cartilage. Morphohystologic Model"

**Mardones P. Rodrigo**, Figueroa David, Paulos Jaime, Garrido Jorge, Arnoczky Steven P.

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile

Johnson & Johnson Company (US 3000)

**2000-2001**

26. Radiofrequency Utility on Partial Thickness Chronic Lesion (3 month) Over Articular Cartilage. Morphohystologic Model. Six month of Follow-up".

**Mardones P. Rodrigo**, Figueroa David, Garrido Jorge, Paulos Jaime, Arnoczky Steven.

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile

Johnson & Johnson Company (US 3000)

**2000-2001**

27. Synthesis and Evaluation of Bone Morphogenetic Proteins"

Mendoza Sergio, Wagner Emilio, Mardones P. Rodrigo.

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile

(US 1000)

**1999**

28. The Effect of Kethoprofen on Lumbar Spine Fusion Healing. A Rabbit Model Urrutia Julio, Amenabar Pedro P., **Mardones P. Rodrigo**.

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile

(US 1000)

**1999**

29. Chondrocytes Cultured: Middle Follow - Up Results of Autologous Chondrocyte

Transplantation on Collagen or Fibrin Clot to Repair Full-Thickness Chondral Lesion in Rabbit Knees. Experimental Model"

Garrido Jorge, Mendoza Sergio, **Mardones P. Rodrigo**

Grant from: Medical Research Center of Pontificia Universidad de Catolica de Chile and Surgery Division of Clinical Hospital of Pontificia Universidad Catolica de Chile.  
(US 5000)

1999

### **PUBLICATIONS:**

1. Mesenchymal stem cells therapy in the treatment of hip osteoarthritis.  
Mardones R, Jofre CM, Tobar L, Minguell JJ.  
J Hip preserv Surg. 2017 Mar 19; 4(2): 159-163
2. Comparative analysis of kinesiotherapy rehabilitation after hip arthroscopy, quantified by Harris and vail hip score: a retrospective study  
Saavedra M, Moraga R, Diaz P, Camacho D, Mardones R  
Muscles Ligaments Tendon J. 2016. Dec 21; 6(3): 420-426
3. Arthroscopic treatment of femoroacetabular impingement inpatients older than 60 year  
Mardones R, Via AG, Rivera A, Tomic A, Somarriva M, Wainer M, Camacho D.  
Muscles Ligaments Tendon J. 2016. Dec 21; 6(3): 397-401
4. Arthroscopic release of iliopsoas tendón in patients with femoro-acetabular impingement: clinical results at mid-term follow-up  
Mardones R, Via AG, Tomic A, Rodriguez C, Salineros M, Somarriva M  
Muscles Ligaments Tendon J. 2016. Dec 21; 6(3): 378-383
5. Endoscopic release of internal snapping hip: a review of literatura  
Via AG, Basile A, Wainer M, Musa C, Padulo J, Mardones R.  
Muscles Ligaments Tendon J. 2016. Dec 21; 6(3): 372-377
6. Cell therapy for cartilage defect of the hip  
Mardones R, Via AG, Jofre C, Minguell J, Rodriguez C, Tomic A, Salineros M  
Muscles Ligaments Tendon J. 2016. Dec 21; 6(3): 361-366
7. Biological Therapies for Cartilage Lesions in the Hip. A New Horizon. Chahla J, LaPrade RF, **Mardones** R, Huard J, Philippon MJ, Nho S, Mei-Dan O, Pascual-Garrido  
C.Orthopedics. 2016 Jul 1;39(4) e715-23.
8. CORR Insights®: Modular to Monoblock: Difficulties of Detaching the M2a-Magnum™ Head Are Common in Metal-on-metal Revisions Rodrigo M. Mardones  
Clinical Orthopaedics and Related Research.2016 Sept 2016. 474 (9).  
2006-7



9. Cartilage restoration technique of the hip. Rodrigo Mardones. Journal of Hip Preservation Surgery . Oct 2015. 1;3(1):30-6
10. Cell Therapy and Tissue Engineering Approaches for Cartilage Repair and/or Regeneration. Mardones R, Jofré CM, Minguell JJ. Int J Stem Cells. 2015 May;8(1):48-53. doi: 10.15283/ijsc.2015.8.1.48. Review.
11. Inyección intracordal de células madres mesenquimáticas en el manejo de la fibrosis cordal: Experiencia preliminar.  
Intracordal Injection of mesenchymal stem cells in scarred vocal folds: Preliminary report  
Andrés Lanás, Catalina Gutiérrez, Rodrigo Mardones, Catalina Larrain  
Rev. Otorrinolaringología Cir. Cabeza Cuello 2015; 75: 96-105
12. Artrosis de cadera: Tratamiento no protésico y alternativas de manejo con Células Madres Mesenquimáticas.  
Rodrigo Mardones , Catalina Larrain  
Revista Médica Clínica Las Condes , Volumen 25, Issues 5, September 2014, Pages 768-775  
DOI: 10.1016/S0716-8640(14)70106-3
13. Which is the Most Reliable Spanish Translated Score for Hip Arthroscopy  
Rodrigo Mardones, Catalina Larrain, Alexander Tomic, Matías Salineros  
Arthroscopy The Journal of Arthroscopic and Related Surgery 01/2013; 29(12):e188-e189.
14. Femoroacetabular Impingement: Association between the over-coverage and acetabular cartilage delamination areas  
D Camacho-Alvarez, R Mardones-Petermann  
Revista Española de Cirugía Ortopédica y Traumatología 01/2013; 57 (2): 111-6
15. Effects of Platelet-Rich Plasma (PRP) on the management of Early Postoperative Pain and Inflammation Following Hip Arthroscopy in Patients with Femoroacetabular Impingement (FAI): A prospective, Double Blind Study (SS-61)  
Rodrigo Mardones, Catalina Larrain, Alexander Tomic-Lofkjaer, Matías Salineros, Gian Paolo Volpato.  
Arthroscopy The Journal of Arthroscopic and Related Surgery 28(6):e32.2012
16. Lesiones Labrales y Condrales de Cadera: Correlación entre hallazgos de Arthro-Resonancia Magnética y Artroscopia.  
Camacho D, Mardones R.  
Arthroscopia / Vol 19, No 3: 137-139. 2012
17. Pain and Inflammation Following Hip Arthroscopy in Patients with Femoroacetabular Impingement (FAI): A prospective, Double Blind Study (SS-61)  
**Rodrigo Mardones**, Catalina Larrain, Alexander Tomic-Lofkjaer, Matías Salineros, Gian Paolo Volpato.  
Arthroscopy The Journal of Arthroscopic and Related Surgery 28(6) : e32.2012

18. "Pinzamiento Femoroacetabular: Asociación entre el Área de Sobrecobertura y la Zona de delaminación Condral Acetabular. **Revista Española de Cirugía Ortopédica y Traumatología**. 2013;57:111-6.  
Camacho Daniel, Mardones Rodrigo.
19. Arthro MRI and Hip arthroscopy correlation on labral and chondral lesions on the Hip.  
Camacho D, Mardones R  
Arthroscopy vol 19, No 3:137-139. 2012.
20. Biologic Hip Surgery.  
Mardones R, Larrain C.  
Arch Soc Chilena Med Dep 2011;56:25-34.
21. Chondrogenic Differentiation of Bone Marrow Mesenchymal Stem Cells. First Successful Latin-American Report.  
Rodrigo Mardones, Rafael Martinez, M.J. Paredes, E. Zalaquett  
International Journal of Morphology 28(3): 749-754. September 2010
22. Persistent pain after traumatic hip dislocation. Clinical case book Orthopedic Chilean Society 2010.
23. Treatment of patellofemoral chondropathy with the Bandi tibial tubercle osteotomy. More than 10years follow-up.  
Valenzuela L, Nemtala F, Orrego M, **Mardones R**, Matas J, Sudy H, Durruty J.  
Knee. 2011 Mar;18(2):94-7.
24. Arthroscopic Treatment of Femoroacetabular Impingement in Patients over 60 Years Old: Preliminary Report of a Pilot Study  
Rodrigo M. **Mardones**, Fernando Nemtala, and Alexander Tomic  
Cartilage, July 2010; vol. 1, 3: pp. 188-193.,
25. Anterior and Posterior Femoral Head-Neck Offset Ratio in the Cam Impingement  
Fernando Nemtala, Rodrigo M. **Mardones**, and Alexander Tomic  
Cartilage, July 2010; vol. 1, 3: pp. 238-241.,
26. Efficacy of Osseous Abnormalities Correction with Arthroscopic Surgery in Femoroacetabular Impingement  
Daniel R. Camacho Alvarez and Rodrigo M. **Mardones**  
Cartilage, July 2010; vol. 1, 3: pp. 233-237.
27. Porous tantalum and poly-epsilon-caprolactone biocomposites for osteochondral defect repair: preliminary studies in rabbits.  
Mrosek EH, Schagemann JC, Chung HW, Fitzimmons JS, Yaszemski MJ, **Mardones RM**, O'Driscoll SW, Reinholz GG.  
J Orthop Res. 2010 Feb; 28 (2): 141-8.

28. Cultured autologous bone marrow stem cells inhibit bony fusion in a rabbit model of posterolateral lumbar fusion with autologous bone graft  
Urrutia J., Mery P, Martinez R, Pizarro F, Apablaza D, **Mardones R.**  
J Clin Neurosci. 2010 Feb 18 (Epub)
  
29. Femoroacetabular Impingement as a Cause of Inguinal pain.  
**Rodrigo Mardones P**, Victor Barrientos, Fernando Nemtala, Alexander Tomic, Matias Salineros  
Rev Med Chile Enero 2010; 138: 102-108.
  
30. Surgical Correction of "Cam Type" Femoroacetabular Impingement: A Cadaveric Comparison of Open Versus Arthroscopic Debridement  
**Rodrigo Mardones, MD**; Joaquin Lara, MD; Agustin Donndorff, MD; Sunni Barnes, PhD; Michael J Stuart, MD; James Glick, MD; Robert T. Trousdale, MD.  
Arthroscopy. 2009 Feb;25(2):175-82. Epub 2008 Nov 1.
  
31. Effects of platelet concentrate and a bone plug on the healing of hamstring tendons in a bone tunnel.  
Mario Orrego, Catalina Larrain, Julio Rosales, Luis Valenzuela, José Matas, Juan Durruty, Hernán Sudy, and **Rodrigo Mardones.**  
Arthroscopy. 2008 December;24(12): 1373-80.
  
32. A geographic zone method to describe intra-articular pathology in hip arthroscopy: cadaveric study and preliminary report.  
Ilizaliturri V, Byrd J, Sampson T, Guanche C, Philippon M, Kelly B, Dienst M, **Mardones R**, Shonnard P, Larson C.  
Arthroscopy. 2008 May;24(5):534-9.
  
33. Pincer Femoroacetabular Impingement, Arthroscopic treatment. Labral detachment technique comparison: from front to back versus from back to front technique.  
**Mardones. Rodrigo**, Salineros. Matías  
Revista Argentina de Artroscopia. 2008 Vol 15-No1: 67-72.
  
34. FAI Part II: Treatment  
**Mardones P. Rodrigo**, Tomic Alexander, Salineros Matias, Contreras Oscar  
*Rev. méd. Chile*, Submitted 2008
  
35. FAI Part I: Diagnostic and imegenologic study  
**Mardones P. Rodrigo**, Tomic Alexander, Salineros Matias, Contreras Oscar  
*Rev. méd. Chile*, Submitted 2008
  
36. Major osteochondral defect (ICRS<sub>4</sub> > 10CM<sub>2</sub>) treated with autologus bone marrow mesenchymal stem cells transplanted in a collagen type II extracellular matrix  
Osteoarthritis and Cartilage, Volume 15, Supplement 2, 2007, Page B107  
**R. Mardones**, R. Martinez, M.J. Paredes, L. Valenzuela, M. Orrego

37. Isolation, expansion and chondroblastic/osteoblastic differentiation of mesenchymal stem cells obtained by density gradient in surgical room.  
Osteoarthritis and Cartilage, Volume 15, Supplement 2, 2007, Page B148  
**R. Mardones**, R. Martinez, M.J. Paredes, C. Araya, E. Zalaquett, J. Torres, F. Garcia
38. Major osteochondral defect (ICRS 4) treated with autologous bone marrow mononuclear cell Fraction in a collagen type II extracellular matrix  
Osteoarthritis and Cartilage, Volume 15, Supplement 2, 2007, Page B107  
**R. Mardones**, R. Martinez, M.J. Paredes, F. Garcia, C. Araya, E. Zalaquett, J. Torres
39. A new methodology to isolate mesenchymal stem cells from human adipose tissue  
Osteoarthritis and Cartilage, Volume 15, Supplement 2, 2007, Page B148  
R. Martinez, M.J. Paredes, J. Torres, C. Araya, E. Zalaquett, F. Garcia, **R. Mardones**
40. Early collagen type II expression during chondrogenesis of adipose tissue derived mesenchymal stem cells  
Osteoarthritis and Cartilage, Volume 15, Supplement 2, 2007, Page B67  
R. Martinez, M.J. Paredes, J. Torres, C. Araya, E. Zalaquett, F. Garcia, **R. Mardones**
41. The effect of ketoprofen on lumbar spinal fusion healing in a rabbit model.  
Laboratory Investigation  
Urrutia J. **Mardones R**, Quezada F  
J. Neurosurg Spine. 2007 Dec; 7(6): 631-6.
42. Pubic Symphysis Septic Arthritis. Report of One case.  
**Rodrigo Mardones**, Claudio Rojas, Maximiliano Carmona  
Rev. Med. Chile 2007; 135: 1040-1043.
43. Bipolar radiofrequency in the human meniscus. Comparative study between patients younger and older than 40 years of age  
D. Figueroa, R. Calvo, A. Vaisman, M Gallegos, M.A. Carrasco, **R. Mardones**, I Delgado.  
The Knee. 14. October 2007; 357-360
44. Early complications of operatively treated proximal humerus fractures.  
Adam M. Smith, **Rodrigo M. Mardones**, John W. Sperling, Robert H. Cofield,  
Journal of Shoulder and Elbow Surgery. In Press. 2006
45. Surgical technique: Surgical Treatment of Femoroacetabular Impingement.  
**Rodrigo Mardones P.**, Carlos Gonzalez, Qingshan Chen, Mark Zobitz, Kenton R. Kaufman, Robert T. Trousdale. J Bone Joint Surg Am. Mar 2006; 88: 84 – 91
46. CRP Physiological Levels in Elective Orthopedic Surgery  
Mario Orrego, Cheyre Jorge , Marcelo Pérez, **Rodrigo Mardones P.** Revista Médica de Chile. *Rev. méd. Chile*, Nov 2005, vol.133, no.11, p.1341-1348.
47. Muscle Damage alter THA done with the 2-incision v/s posterior mini incision.

**Rodrigo Mardones P.**, Joseph P. Nemanich., Robert Trousdale, Mark Pagnano  
The 2005 **Frank Stinchfield award paper**. Clin Orthop Relat Res. Dec 2005, 441:63-67

48. Development of a Biological Prosthetic Composite for Cartilage Repair  
**Rodrigo Mardones**, James S. Fitzsimmons, Gregory Reinholz, Michael Yaszemsky, David Lewallen, Shawn W. O'Driscoll. Tissue Engineering. Tissue Eng. Sep-Oct 2005;11(9-10):1368-78.

49. Surgical Treatment of Femoroacetabular Impingement: An Evaluation of the Effect of the Size of the Resection.

**Rodrigo Mardones P.**, Carlos Gonzalez, Qingshan Chen, Mark Zobitz, Kenton R. Kaufman, Robert T. Trousdale. J Bone Joint Surg Am.87-A (2). 273-9. 2005.

50. Extended femoral osteotomy for revision of hip arthroplasty: Results and complications.

**Rodrigo Mardones P.**, Carlos Gonzalez, Robert T. Trousdale , Miguel E. Cabanela , Daniel J. Berry. J. Arthroplasty. Jan; 20(1): 79-83. 2005

51. Design Options-Current Fixation Alternatives in TKA

**Rodrigo Mardones P.**, Robert T. Trousdale. Minerva Ortopedica e Traumatológica. February 2005.

52. ACL reconstruction of the knee. Bone Tenon Bone v/s Semitendinous Gracilis. A Comparative Study"

Figueroa P David, Calvo R. Rafael, **Mardones P. Rodrigo**  
Revista Chilena de Ortopedia y Traumatología. Vol. 44, N° 3, 153-159. 2003

53. Bone Marrow Derived Mesenchymal Stem Cells. A reproducible harvesting and culture technique

**Mardones R**, Carrión M, Rodríguez P, Zúñiga F, Filippi J, Paulos J.  
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41. Optimization of the number of chondrocytes-induced from Bone Marrow-Mesenchymak Stem Cell(BM-MSCs)seeded in type I and II collagen matrix membrane  
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42. Validez y Confiabilidad de la version en español del iHOT en pacientes con PFA  
Larrain, Catalina; Solano, Erick; Mardones, Rodrigo  
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43. Lesiones condrales en el pinzamiento femoroacetabular (FAI): Analisis comparative entre RM convencional, DGEMRIC y mapeos T2 versus hallagos artroscopicos

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44. Evaluacion de lesiones labrales y condrales mediante artroresonancia magnetica de cadera: Estudio prospectico Comparativo Caso Control entre la infiltracion articular con gadolinio versus lidocaine

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46. Cartilage damage in femoroacetabular impingement (FAI): Preliminary results on comparasion of standar MRI, delayed gadolinium-enhanced magnetic resonance imaging of cartilage (DGEMRIC) and t2 mapping versus arthroscopic findings.

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48. Effects of PRP on the Management of early postoperative pain and inflammation following hip ahtrosocpy in patients with FAI. A prospective, double blinded, randomized, placebo controlled, clinical trial

Mardones, Rodrigo; Larrain, Catalina; Guerrero, Marco Antonio; Volpato, Gian Paolo; Tomic, Alexander; Salienros, Matias.

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49. The spanish Vila Hip Score validation and reliability in patientrts with Femoroacetabular impingement

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50. The Clinical Use of Autologous Bone Marrow Mesenchymal Stem Cell Concentrate (ABM-MSC) transplanted on a Platelet-Rich Plasma (PRP) clot plus microfractures in the Treatment of Hip Chondral Defects: Surgical Arthroscopic Technique and Preliminary Results

Mardones, Rodrigo; Larrain, Catalina; Tomic, Alexander; Salienros, Matias.

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51. The Spanish Hip Outcome Score (HOS): Validation and Reliability in patients with Femoroacetabular Impingement (FAI)

Mardones, Rodrigo; Larrain, Catalina; Gutierrez, Catalina; Tomic, Alexander; Salienros, Matias.

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52. Floor and ceiling effects of Spanish hip outcome score (HOS), modified Harris hip score (MHHS) and Vail score (VHS) in patients undergoing hip arthroscopy due to FAI

Mardones, Rodrigo; Larrain, Catalina; Gutierrez, Catalina; Tomic, Alexander; Salienros, Matias.

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57. Efecto del PRP en el manejo de la inflamación y dolor en el postoperatorio precoz de pacientes sometidos a Artroscopia de Cadera por PFA. Estudio Clínico prospectivo, randomizado, doble ciego controlado.

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**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Puerto Varas, Chile. November 15 to 19, 2011.

66. Efectos Techo y Suelo de las versiones es español del Hip Outcome Score (HOS), Modified Harris Hip Score (mHHS) y Vail Hip Score (VHS) en Pacientes con Pinzamiento Fémoro-acetabular (PFA) sintomático.

Larrain C, Mardones R, Gutierrez C, Salineros M, Tomic A.

**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Puerto Varas, Chile. November 15 to 19, 2011.

67. Analgesia for arthroscopic hip surgery: how important is to perform a regional block?

**Mardones R**, Volpato GP, Guerrero MA, Villegas D, Campusano A, Rajdl E.

2011 AAOS annual Meeting. Poster # P453

68. Floor And Ceiling Effects Of Spanish Hip Outcome Score (HOS), Modified Harris Hip Score (mHHS) And Vail Hip Score (VHS) In Patients Undergoing Hip Arthroscopy Due To Femoroacetabular Impingement (FAI).

Larrain C, Mardones R, Gutierrez C, Tomic A, Salineros M.

Annual Scientific Meeting International Society of Hip Arthroscopy. Paris, France.  
October 14-15, 2011. E-poster.

69. The Spanish Vail Hip Score: Validation and Reliability in Patients with Femoroacetabular Impingement.

Mardones R, Larrain C, Gutierrez C, Briggs K, Philippon MJ.

Annual Scientific Meeting International Society of Hip Arthroscopy. Paris, France.  
October 14-15, 2011. E-poster.

70. Arthroscopic Treatment of Femoroacetabular Impingement (FAI): Midterm Results (3 to 6 years Follow-up)

Mardones R, Larrain C, Tomic A, Salineros M, Musa C, Somarriva M.

Annual Scientific Meeting International Society of Hip Arthroscopy. Paris, France.  
October 14-15, 2011. E-poster.

71. The Clinical Use Of Autologous Bone Marrow Mesenchymal Stem Cells Concentrate Transplanted On A Platelet-Rich Plasma Clot Plus Microfractures In The Treatment Of Hip Chondral Defects: Surgical Arthroscopical Technique And Preliminary Results

Mardones R, Larrain C, Salineros M, Tomic A.

Annual Scientific Meeting International Society of Hip Arthroscopy. Paris, France. October 14-15, 2011. E-poster.

72. Effects of Platelet Rich Plasma (PRP) on the management of early postoperative pain and inflammation following hip arthroscopy in patients with femoroacetabular impingement (FAI): a prospective, double blinded, placebo controlled, clinical trial.

Larrain C, Mardones R, Guerrero MA, Volpato GP, Villegas D.

Annual Scientific Meeting International Society of Hip Arthroscopy. Paris, France. October 14-15, 2011. Podium.

73. Artroscopía de cadera en niños: una técnica en desarrollo.

**Mardones R**, Larrain C, Raimann R, Salineros M, Tomic A, Ortiz M.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

74. Artroscopía de cadera en atletas.

**Mardones R**, Larrain C, Salineros M, Tomic A, Undurraga S, Ortiz M.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

75. Artroscopía de cadera y Displasia.

**Mardones R**, Larrain C, Salineros M, Tomic A, Undurraga S, Ortiz M.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

76. Revisión de complicaciones en más de 1000 artroscopías de cadera.

**Mardones R**, Foronda C, Larrain C, Salineros M, Tomic A, Meirovich C.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

77. Epidemiología en más de 1000 artroscopías de cadera por PFA.

Foronda C, **Mardones R**, Larrain C, Salineros M, Tomic A, Meirovich C.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

78. Reconstrucción labral artroscópica con autoinjerto de fascia lata: Resultados preliminares.

**Mardones R**, Salineros M, Tomic A, Larrain C, Ortiz M, Eckholt S.

**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

79. Tratamiento Artroscópico del Pinzamiento Fémoro-Acetabular (PFA): Resultados a mediano plazo (2 a 5 años).  
**Mardones R**, Larrain C, Salineros M, Tomic A, Ortiz M.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
80. Rehabilitación en artroscopía de cadera e influencia en la evolución del postoperatorio.  
**Mardones R**, Ortiz M, Larrain C, Salineros M, Tomic A.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
81. Necrosis Avascular (NAV) de la cabeza femoral tratada mediante biopsia descompresiva (BD) y Concentrado Autólogo de Células Madres (CACM).  
**Mardones R**, Larrain C, Salineros M, Tomic A, Eckholt S.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
82. Reconstrucción labral artroscópica con autoinjerto de fascia lata: Técnica Quirúrgica.  
**Mardones R**, Larrain C, Salineros M, Tomic A.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
83. Osteotomías subtrocantéricas en pacientes con displasia de cadera Crowe IV.  
Salineros M, Tomic A, **Mardones R**, Larrain C, Aranguiz R, Figueroa J.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
84. Cotilo de Tantalum en cirugías de revisión acetabular.  
Tomic A, Salineros M, **Mardones R**, Figueroa J, Aranguiz R, Larrain C.  
**XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010
85. Epidemiology analysis over 1000 hip arthroscopies due to FAI.  
**Mardones R**, Foronda C, Larrain C, Salineros M, Tomic A, et al.  
Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 8-9 2010. Cancún, México.
86. Revision of complications in Hip Arthroscopy.  
**Mardones R**, Foronda C, Larrain C, Salineros M, Tomic A, et al.  
Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 8-9 2010. Cancún, México.
87. Hip Arthroscopy in Professional Athletes.  
**Mardones R**, Larrain C, Salineros M, Tomic A, et al.

Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 8-9 2010. Cancún, México.

88. Hip Arthroscopy and Dysplasia

**Mardones R**, Larrain C, Salineros M, Tomic A, et al.

Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 8-9 2010. Cancún, México.

89. Physical Therapy for Hip Arthroscopy.

**Mardones R**, Ortiz M, Larrain C, Salineros M, Tomic A, et al.

Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 8-9 2010. Cancún, México.

90. Eficacia del Ácido Tranexámico en la Reducción del Sangrado Postoperatorio en Artroplastía Total de Rodilla.

Orrego M, Larrain C, Nemtala F, **Mardones R**.

**46° Annual Meeting of the Argentinean Orthopedic and Trauma Society**  
Salta, Argentina. November 29 to December 3, 2009

91. Major Osteochondral Defect (ICRS 4 > 10cm<sup>2</sup>) treated with autologus bone marrow mesenchymal stem cells induced in vitro to chondrogenic differentiation: two-years follow-up results

Mardones R, Martinez R, Orrego M, Nemtala F, Zanolli D.

8<sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS.  
Miami-Florida. May 23-26. 2009.

92. Induction of Osteogenesis in ATDC5 cells by Synovial Fluid from Patients with Osteoarthritis.

Martinez R, Michea L, Mardones R, Soza F, Diaz J, Goecke I.A.

8<sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS.  
Miami-Florida. May 23-26. 2009.

93. Induction of Osteoarthritis pattern in ATDC5 cells by Synovil Fluid from Patients with Acute Anterior Cruciate Ligament Rupture.

Martinez R, Zalaquett E.R., Figueroa D, Calvo R, Mardones R, Goecke I.A.

8<sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS.  
Miami-Florida. May 23-26. 2009.

94. PiT-1 induction in ATDC5 cells by Synovial Fluid from patients with osteoarthritis.

Martinez R, Goecke I.A., Mardones R, Baron G, Diaz J, Michea L.

8<sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS.  
Miami-Florida. May 23-26. 2009.

95. Correlation between arthro-MRI and hip arthroscopy for the diagnosis of intra-articular lesions.

Mardones, R. Martinez, R. Camacho, D. Musa, C. Somarriva, M.

8<sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS.  
Miami-Florida. May 23-26. 2009.

96. Eficacia del Acido Trenaxenamico en el control de sangramiento postoperatorio en artroplastia total de rodilla. Fernando Nematala, Mario Orrego, Rodrigo Mardones.

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

97. Correlación entre artroresonancia magnética y artroscopia de cadera en la  
pesquisa de lesiones intrarticulares. Rodrigo Mardones, Daniel Camacho.  
Marcelo Somarriva, Carlos Musa.

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

98. Rendimiento de artroscopia de cadera en pacientes mayores de 60 años. Serie  
de casos. Rodrigo Mardones, Fernando Nemtala, Víctor Barrientos.

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

99. Evaluación Radiológica del posicionamiento de componentes acetabular y  
femoral en 78 artroplastias de cadera primaria. Víctor Barrientos, Fernando  
Nemtala, Carlos Torres, Francisco Caponi, Luis Salinas, Rodrigo Mardones.

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

100. Corrección de las alteraciones anatómicas óseas causantes del  
Pellizcamiento Femoroacetabular mediante cirugía artroscópica de cadera.  
Rodrigo Mardones, Daniel Camacho, Carlos Musa, Marcelo Somarriva, Fernando  
Nemtala.

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

101. Ángulo Alfa: Su medición en radiografías axiales, correlación con resonancia  
magnética y evaluación intraoperatoria. Rodrigo Mardones, Daniel Camacho,  
Carlos Musa, Marcelo Somarriva

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

102. Tratamiento de las lesiones osteocondrales ICRS 4 (mayor a 10cm<sup>2</sup>) con  
implante de células madre mesenquimáticas inducidas a diferenciación  
condroidea in vitro: resultados a dos años de seguimiento. Rodrigo Mardones,  
Rafael Martínez, Fernando Nemtala, Diego Zanoli

XLIV Congreso Chileno de Ortopedia y Traumatología SCHOT 2008, Viña del Mar. Chile.  
18 al 22 de Noviembre, 2008.

103. Surgical Video Technique: Minimal Anterior Approach for the Periacetabular  
Osteotomy  
**Mardones, R;** Zanoli, D.

### **Best Surgical Video Technique Award**

XLIII Congreso Chileno de Ortopedia y Traumatología SCHOT 2007.

Viña del Mar, Chile

26 Noviembre – 1 Diciembre. 2007.

104. Sartorius and Fascia Lata Tendon Superiosteal de-attachment as an alternative approach to perform Periacetabula Osteotomy  
**Mardones, R;** Nemntala, F; Salineros, M; Tomic, A.  
XLIII Congreso Chileno de Ortopedia y Traumatología SCHOT 2007.  
Viña del Mar, Chile  
26 Noviembre – 1 Diciembre. 2007.
105. Usefulness of a radioscopic guide during the femoral alignment of a resurfacing total hip arthroplasty.  
Salineros, M; **Mardones, R;** Salinas, L; Tomic, A.  
XLIII Congreso Chileno de Ortopedia y Traumatología SCHOT 2007.  
Viña del Mar, Chile  
26 Noviembre – 1 Diciembre. 2007
106. Infection after THA. Prevalence and risk factors evaluation.  
Teran, J; **Mardones, R;** Orrego, M; Salineros, M.  
XLIII Congreso Chileno de Ortopedia y Traumatología SCHOT 2007.  
Viña del Mar, Chile  
26 Noviembre – 1 Diciembre. 2007
107. Artrosopic treatment of FAI. Short term follow up in 155 patients.  
**Mardones, R;** Tomic, A; Salinas, L; Salineros, M; Somarriva, M; Nemntala, F.  
XLIII Congreso Chileno de Ortopedia y Traumatología SCHOT 2007.  
Viña del Mar, Chile  
26 Noviembre – 1 Diciembre. 2007
108. Early collagen type II expression during chondrogenesis of adipose tissue derived mesenchymal stem cells.  
Martínez R, Paredes MJ, Torres J, Araya C, Zalaquett E, Garcia F, **Mardones R.**  
VII Word Congress of the International Cartilage Repair Society Meeting ICRS  
Warsaw, Poland.  
September 29 – October 2. 2007.
109. Major osteochondral defects (ICRS 4) treated with autologous bone marrow mononuclear cell fraction in a collagen extracellular matrix.  
**Mardones, R;** Martinez, R; Paredes, M; Garcia, F; Araya, C; Zalaquett, J; Torres, J.  
VII Word Congress of the International Cartilage Repair Society Meeting ICRS  
Warsaw, Poland.  
September 29 – October 2. 2007.
110. Major osteochondral defect (ICRS 4>10cm<sup>2</sup>) treated with autologous bone marrow mesenchymal stem cells transplanted in a collagen extracellular matrix  
**Mardones, R;** Martinez, R; Paredes, M; Valenzuela, L; Orrego, M.  
VII Word Congress of the International Cartilage Repair Society Meeting ICRS  
Warsaw, Poland.  
September 29 – October 2. 2007.
111. A new methodology to isolate mesenchymal stem cells from human adipose tissue  
Martinez, R; Paredes, M; Torres, J; Araya,C; Zalaquett,E; Garcia F; **Mardones, R.**  
VII Word Congress of the International Cartilage Repair Society Meeting ICRS

Warsaw, Poland.  
September 29 – October 2. 2007.

112. Isolation, expansion and chondroblastic/osteoblastic differentiation of mesenchymal stem cells obtained by density gradient in surgical room.  
**Mardones, R;** Martinez, R; Paredes,M; Araya,C; Zalaquett,E; Torres J, Garcia F  
VII World Congress of the International Cartilage Repair Society Meeting ICRS 2007  
Warsaw, Poland.  
September 29 – October 2. 2007.
113. Use of platelet concentrate and bone plug as a maturation adjuvant during STG ACL reconstruction.  
Mario Orrego, Jose Matas, Luis Valenzuela, Juan Durruty, Hernan Sudy, Int. Catalina Larrain, **Rodrigo Mardones**  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
114. MRI maturation pattern after ACL reconstruction with STG autologous graft  
Mario Orrego, Jose Matas, Luis Valenzuela, Juan Durruty, Hernan Sudy, Int. Catalina Larrain, **Rodrigo Mardones**  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
115. Use of posterior offset as a reliable guide to perform arthroscopic resection of the anterior-lateral head neck junction of the femoral head in the treatment of FAI  
**Rodrigo Mardones**, Alexander Tomic, Rafael Vega, Daniel Schweitzer, Mario Orrego  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
116. Minimal notch at the anterolateral femoral head neck junction as an early radiological sign and its arthroscopic correlation.  
**Rodrigo Mardones**, Alexander Tomic, Rafael Vega, Mario Orrego.  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
117. Harvesting, culture and chondroblastic, osteoblastic differentiation of MSC concentrated by gradient density inside the operating room.  
**Rodrigo Mardones**, Rafael Martinez, Maria Jose Paredes, Eugenio Zalaquett, Francisco Garcia, Jonathan Torres, Claudia Araya  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
118. Short term follow up after Femoroacetabular impingement arthroscopic treatment. Functional and patient satisfaction score.  
**Rodrigo Mardones**, Alexander Tomic, Fernando Nemptala, Rafael Martinez, Rafael Vega, Mario Orrego.  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006
119. Effects of bipolar radiofrequency over the human meniscus.comparative study between patients younger and older than 40 y. o. Figueroa David, Calvo Rafael, Vaisman Alex, Carrasco Miguel, Mardones Rodrigo, Gallegos Marcela, Delgado Iris.

25<sup>th</sup> congress of arthroscopy association of north America. Hollywood florida, May, 17-20 2006.

120. Early complications of operatively treated proximal humerus fractures  
Adam M. Smith, **Rodrigo M. Mardones**, John W. Sperling, Robert H. Cofield.  
American Academy of Orthopedic Surgeons. 2006 Annual Meeting. Shoulder and Elbow Specialty Day. 22-26 March, 2006, Chicago USA.
121. Revision Hip Arthroplasty with Porous Tantalum Augments and Acetabular Shells.  
Lewallen David; Meneghini Michael; **Mardones Rodrigo**; Boggie Robert, Hanssen Arlen.  
**Best of Scientific Award. Award of Excellence.** Scientific Exhibits No SE03.  
American Academy of Orthopedic Surgeons Annual Meeting. Chicago, IL. USA. 22-26. March 2006.
122. RhBMP-2 Enhances Bone Formation in a Biodegradable Scaffold.  
Hefferan, T E, Florschutz A V; **Mardones R M**, Jabbari E, Lu L, Maran A, Currier B L, Yaszemski M J.  
53th Annual Meeting of Orthopedic Research Society, Chicago, IL. USA. 19-22. March 2006
123. Rabbit Osteochondral Lesions repair with Cultured and Uncultured Bone Marrow Mesenchymal Stem Cells.  
Carrion Marco, Filippi Jorge, Paulos Jaime, **Mardones Rodrigo**.  
6<sup>th</sup> ICRS (International Cartilage Repair Society) Meeting  
San Diego. CA. USA.  
8-11 Enero, 2006.
124. Major osteochondral defects (ICRS 4 > 10cm<sup>2</sup> treated with combined technique  
of periosteal flap and autologous bone marrow derived mesenchymal stem cells.  
**Mardones Rodrigo**, Ortiz Cristian, Valenzuela Luis, Amenabar P Pablo, Martinez, Rafael.  
6<sup>th</sup> ICRS (International Cartilage Repair Society) Meeting  
San Diego. CA. USA.  
8-11 Enero 2006.
125. Harvesting, Expansion culture and in-vitro Chondral Differentiation of Bone Marrow Derived Mesenchymal Stem Cells  
Mardones R, Martínez R, Mery P, Díaz C, Araya C.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
126. Synovial Osteochondromatosis of the Hip. Report of 2 cases treated by femoral surgical dislocation.  
P.P. Amenabar, Alexander Tomic, **Rodrigo Mardones**, Jaime Paulos.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
127. Pre surgical treatment and 1 year follow up functional evaluation of patient after Hip fracture. It is a non-return road?  
P.P. Amenabar, Natalia Gana, **Rodrigo Mardones**, Jaime Paulos, Carlos Liendo, Eduardo Valenzuela, Pedro P Marin.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.



- Viña del Mar, Chile November 16-19 2005
128. Hip surgery due to proximal femoral fracture in hospital perioperative morbidity and mortality.  
Pedro P amenabar, Natalia Gana, **Rodrigo Mardones**, Jaime Paulos  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
129. Reproducibility of intertrochanteric femoral fractures classifications.  
Claudio Diaz, Pedro P amenabar, Alexander Tomic, **Rodrigo Mardones**, Jaime Paulos  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
130. Hydroxyapatite femoral stems. Short term follow up.  
Sebastian Mobarec, Jaime Paulos, Pedro P Amenabar, **Rodrigo Mardones**.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
131. Arthroscopic Meniscal Repair. 2 years follow up.  
Mario Orrego, Luis Valenzuela, Hernan Sudi, Jose Matas, Juan Durruty, Rodrigo Mardones.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005.
132. Surgical hip dislocation. Uncommon indications  
Pedro P Amenabar, Christian Carmona, Rodrigo Mardones, Jaime Paulos  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
133. Etiology of hip arthritis in patient submitted to THA  
**Rodrigo Mardones**, Alexander Tomic, Pablo Mery, Martín Salgado, Pedro P Amenábar, Jaime Paulos A.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
134. Anterior/Posterior Offset ratio in patients with CAM femoroacetabular impingement  
**Rodrigo Mardones**, Fernando Nemntala, Sebastian Irrazabal, Oscar Contreras, Pedro P Amenábar, Jaime Paulos A.  
**Second best paper award**  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
135. Revision Trabecular Metal Acetabular Shell. Our early experience.  
**Rodrigo Mardones**, Hernan Vielma, Pedro P Amenábar, Jaime Paulos A, Luis Salinas.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
136. PCP Percutaneous Compression Plate (Gotfried). An alternative to the surgical treatment of pertrochanteric fractures. Early results.  
Pedro P Amenabar, **Rodrigo Mardones**, Jorge Filippi, Luis Salinas, Jose A. Espinoza, Jaime Paulos A,  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
137. Patellar component in TKA. 10 years survival.

- Jaime Paulos, Martin Salgado, Juan J. Zamorano, Javier Paulos, P. P. Amenabar, **Rodrigo Mardones**.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005
138. Transient Osteoporosis of the knee.  
Luis Valenzuela, Mario Orrego, Rodrigo Mardones, Jose Matas, Juan Durruty, Hernan Sudy.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005.
139. Neck and Intertrochanteric proximal femoral fractures. Is there 2 populations?  
Claudio Diaz, Pablo Mery, Phillip Anwandter, PP Amenabar, Jaime Paulos, Rodrigo Mardones.  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005.
140. Muscle Damage After THA Done with the 2-incision Minimally Invasive and Mini Posterior Technique  
**Rodrigo Mardones**, Joseph Nemanich, Robert Trousdale, Mark Pagnano.  
Paper No 2. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA  
20-24 April 2005
141. Use of a Porous Tantalum Revision Shell in Revision Total Hip Arthroplasty  
**Rodrigo Mardones**, Robert Talac, Arlen Hanssen, David Lewallen.  
Paper No 16. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA  
20-24 April 2005
142. The results of THA Instability Treatment by Liner and Prosthetic Head Exchange  
**Mardones Rodrigo**; Sierra Rafael; Cabanela Miguel.  
Paper No 20. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA  
20-24 April 2005
143. Surgical Treatment of Femoroacetabular Impingement. How far can we go?  
**Mardones Rodrigo**, Gonzales Carlos, Quingshan Chen, Zobitz Mark, Kaufman Kenton, Trousdale Robert.  
Paper No 116. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA  
20-24 April 2005.
144. Surgical Treatment of Cam Type Hip Impingement: Traditional Open versus Proposed Arthroscopic Technique.  
**Rodrigo Mardones**, Joaquin Lara, Agustin Donndorff, Sunni Barnes, Michael Stuart, James Glick, Robert Trousdale.  
Paper No 114. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA  
20-24 April 2005.
145. Lesional Treatment of Pelvic Osteolysis Associate with Stable Cementless Acetabular Component  
**Mardones Rodrigo**; Antuna Samuel; Cabanela Miguel.

Paper No 121. Mid-America Orthopaedic Association Twenty-Third Annual Meeting  
Amalia Island Plantation, Florida. USA

20-24 April 2005

146. Surgical Treatment of Cam Type Hip Impingement: Traditional Open versus Proposed Arthroscopic Technique.

**Rodrigo Mardones**, Joaquin Lara, Agustin Donndorff, Sunni Barnes, Michael Stuart, James Glick, Robert Trousdale

Paper No 41. 5<sup>th</sup> Biennial ISAKOS CONGRESS

Hollywood, Florida, USA

3-7 April 2005

147. Biomechanical properties of a biologic prosthetic composite for cartilage repair.

Mardones, R M; Reinholz, G G; Fitzsimmons, J S; Zobitz, M E; An, K N; Lewallen, D G; Yazsemiski, M J; O'Driscoll, S W

Poster No 1776. 52nd Annual Meeting of the Orthopaedic Research Society

Washington, DC. USA

20-23 February 2005

148. Muscle Damage After THA Done with the 2-incision Minimally Invasive and Mini Posterior Technique

**Rodrigo Mardones**, Joseph Nemanich, Robert Trousdale, Mark Pagnano.

Paper No 142. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons.

Washington, DC. USA. 23-27 February 2005

149. Use of a Porous Tantalum Revision Shell in Revision Total Hip Arthroplasty

**Rodrigo Mardones**, Robert Talac, Arlen Hanssen, David Lewallen.

Paper No 277. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons.

Washington, DC. USA

23-27 February 2005

150. Surgical Treatment of Cam Type Hip Impingement: Traditional Open versus Proposed Arthroscopic Technique.

**Rodrigo Mardones**, Joaquin Lara, Agustin Donndorff, Sunni Barnes, Michael Stuart, James Glick, Robert Trousdale.

Poster No P047. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons.

Washington, DC. USA

23-27 February 2005

151. Good Hardware Gone Bad: Complication of Operatively Treated Proximal Humerus Fractures.

Adam Smith, **Rodrigo Mardones**, John W. Sperling, Robert Cofield.

Poster No P265. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons.

Washington, DC. USA

23-27 February 2005

152. Modelo de Cultivo y Diferenciación de Osteoblastos a Partir de Células Mesenquimáticas Pluripotenciales de Médula Ósea de Conejos: Una Técnica Reproducible

Julio Urrutia E; Daniel Apablaza C; Pablo Mery P; Felipe Pizarro A; Claudia Araya Marco Carrión M; Rafael Martínez; **Rodrigo Mardones P.**  
XL Annual Meeting of the Chilean Orthopedics and Traumatology Society.  
Viña del Mar, Chile  
17-20 November. 2004

153. Short Term Exposure to TGF-B1 Induces Chondrogenic Differentiation of Bone Marrow Derived Mesenchymal Stem Cells in a Comparable Manner to Long-term TGF- $\beta$ 1 Treatment.  
**Rodrigo Mardones**, James S. Fitzsimmons, Gregory Reinholz, and Shawn W. O'Driscoll  
5<sup>th</sup> Symposium of ICERS  
Gent, Belgium  
May 26-29 2004  
50st Annual Meeting of the Orthopedic Research Society  
San Francisco, USA  
March 7-10 2004.
155. Periosteal Chondrogenesis in the Presence of a Porous Tantalum Scaffold  
**Rodrigo M. Mardones**, James S. Fitzsimmons, Gregory G. Reinholz, Zobitz Mark, Yaszemski Michael J, An Kai-Nan, Lewallen David, O'Driscoll Shawn  
5<sup>th</sup> Symposium of ICERS  
Gent, Belgium  
May 26-29 2004  
50st Annual Meeting of the Orthopedic Research Society  
San Francisco, USA  
March 7-10 2004
156. Surgical treatment of femoroacetabular impingement, how far can we go?  
**Rodrigo Mardones**, Carlos Gonzalez, Frank Chen, Kenton R. Kaufman, Robert Trousdale, M.D.  
50st Annual Meeting of the Orthopedic Research Society  
San Francisco, USA  
March 7-10 2004
157. Pelvic discontinuities with well-fixed trabecular metal cup after acetabular revision. In an asymptomatic patient, what should we do?  
**Mardones, Rodrigo**; Morrey Bernard; Cabanela Miguel  
1<sup>st</sup> Adult Reconstructive Fellow Meeting  
San Francisco, USA  
March, 11 2004
158. Femoroacetabular impingement due to a retroverted acetabulum combined with poor femoral head-neck offset.  
**Mardones, Rodrigo** ; Trousdale Robert  
1<sup>st</sup> Adult Reconstructive Fellow Meeting  
San Francisco, USA  
March, 11 2004
159. Bilateral femoroacetabular impingement due to a femoral head-neck off-set deficiency (cam-effect).  
**Mardones, Rodrigo** ; Trousdale Robert  
1<sup>st</sup> Adult Reconstructive Fellow Meeting  
San Francisco, USA

March, 11 2004

161. Extended Femoral Osteotomy for Revisión Hip Arthroplasty. Results and Complications.

**Mardones Rodrigo**, Gonzalez Carlos, Cabanela Miguel, Trousdale Robert, Berry Daniel.

Paper No 68. Mid-America Orthopaedic Association Twenty-Second Annual Meeting  
La Quinta, California

April 14-18

2004

162. An Early Outcome of Novel Porous Tantalum Mono-block Cup in Primary  
THA

Robert Talac, **Mardones Rodrigo**, Arlen D. Hanssen, David G. Lewallen

Paper No 78. Mid-America Orthopaedic Association Twenty-Second Annual Meeting  
La Quinta, California

April 14-18.

2004

163. Bone Marrow Derived Mesenchymal Stem Cells. A reproducible harvesting  
and culture technique

**Mardones R**, Carrión M, Rodríguez P, Zúñiga F, Filippi J, Paulos J.

XXXIX Annual Meeting of the Chilean Orthopedics and Traumatology Society.

Viña del Mar, Chile

20-23 de November

2003

164. Bone Marow Derived Stem-Cells (BMDSC) culture under TGF-B1 as a  
chondral stimulant. Utilitty over full-tickness chondral deffects in Rabbit's knees.

**Mardones P. Rodrigo**, Carrion Marco,Fillipi Jorge, Rodríguez Patricio, Zúñiga  
Fulvio, Paulos Jaime

XXXIX Annual Meeting of the Chilean Orthopedics and Traumatology Society.

Viña del Mar, Chile

20-23 de November

2003

165. Effect of Antiinflammatory on Lumbar Arthrodesis Consolidation

Urrutia Julio, Amenabar Pedro P., **Mardones P. Rodrigo**

Presented at: Meeting of the Americas II. North America Spine Society, Sociedad Ibero  
Latinoamericana de Columna and Sociedad Brasileira de Columna.

New York City, USA 24-27 Abril

2002.

166. Radiofrequency v/s thermocoagulation over arthroscopic lateral patellar  
release in patella-femoral malaligment

Figueroa David, Merello Bernardo, Calvo Rafael, Carrasco Miguel A., **Mardones  
Rodrigo**.

XXXVIII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 2<sup>nd</sup>

Chilean / Peruvian Meeting.

La Serena, Chile

20-23 de November

2002

167. DDH treated by Hey-Groves Colonna Arthroplasty, long term follow-up

Rainmann Alfredo, Botello Eduardo, Meneses Claudio, **Mardones Rodrigo**

XXXVII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 1<sup>st</sup>  
Chilean / German Meeting.

Santiago, Chile

21-24 de November

2002

168. Bone tendon bone v/s double semitendinous gracilis autograft in LCA reconstruction. One to six year follow-up.

Figueroa David, Calvo Rafael, **Mardones Rodrigo**.

Presented at: Annual Meeting of the XXXVII Chilean Orthopedics and Traumatology Society. 1<sup>st</sup> Chilean / German Meeting.

Santiago, Chile

21-24 de November, 2001

169. Interference screw by medial para patellar approach. Radiographic analysis over 30 patients.

Figueroa David, Irribarra Luis, **Mardones Rodrigo**, Calvo Rafael.

XXXVII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 1<sup>st</sup>  
Chilean / German Meeting.

Santiago, Chile

21-24 de November, 2001

170. Hemiarthroplasty in displaced proximal humerus fractures. Prognosis factors

Toro Felipe, **Mardones Rodrigo**, Paulos Jaime, Calvo Rafael, Thibaut Carlos.

Figueroa David, Irribarra Luis, **Mardones Rodrigo**, Calvo Rafael.

Presented at: XXXVII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 1<sup>st</sup> Chilean / German Meeting.

Santiago, Chile

21-24 de November

2001

171. Radiofrequency Usefulness on Partial Thickness Chronic Lesion over Articular Cartilage. Morphohystologic Model

Mardones Rodrigo, Figueroa David, Paulos Jaime, Garrido Jorge, Arnoczky Steven

Figueroa David, Irribarra Luis, **Mardones Rodrigo**, Calvo Rafael.

Presented at: XXXVII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 1<sup>st</sup> Chilean / German Meeting.

Santiago, Chile

21-24 de November

2001

172. Surgical treatment of Hallux –Valgus with Chevron’s Osteotomy : A Retrospective Analysis

Ortiz Cristian, Quintero Juan Felipe, Mardones Rodrigo, Parot Catalina.

Presented at: XXXVII Annual Meeting of the Chilean Orthopedics and Traumatology Society. 1<sup>st</sup> Chilean / German Meeting.

Santiago, Chile

21-24 de November.

2001

173. Chondrocytes Cultured usage as an alternative inducing repair upon articular cartilage lesion

Garrido Jorge, **Mardones P. Rodrigo**, Figueroa David, Calvo Rafael.  
Presented at: VI Mexican Arthroscopy, Knee Surgery and Orthopedics Sports Medicine  
Congress

AMECRA

Can Cun, Mexico June7-10 , 2001

174. Radiofrequency. Usage on Articular Cartilage Lesion.

**Mardones P. Rodrigo**, Figueroa David, Paulos Jaime, Garrido Jorge, Arnozcky Steven.  
VI Mexican Arthroscopy, Knee Surgery and Orthopedics Sports Medicine Congress  
AMECRA

Can Cun, Mexico

June7-10, 2001

175. Hemiarthroplasty in displaced proximal humerus fractures”

Toro Felipe, **Mardones P. Rodrigo**, Tibaut Carlos

8th International Congress on Surgery of the Shoulder (8th ICSS)

Cape Town. South Africa. April 23-26. 2001

Abstract books: International Congress on Surgery of the Shoulder  
(8th ICSS). Abstract No.326.

Abril 23-26. 2001

176. Rotator cuff lesions. Surgical Treatment

Toro Felipe, **Mardones Rodrigo**, Sanchez Alvaro, Kameid Gonzalo, Gili Federico  
XXXVIth Annual Meeting of the Chilean Orthopedics and Traumatology Society.  
Iquique. Chile. November 17-20 2000

Abstract books of Congress. Page: 142 ,  
November, 2000.

177. Hallux-Valgus. Surgical Treatment Evaluation with Roger Mann Technique

Sanhueza Roberto, Ortiz Cristian, **Mardones P. Rodrigo**, May Evelin  
XXXVIth Annual Meeting of the Chilean Orthopedics and Traumatology Society.  
Iquique. Chile. November 17-20 2000

Published in Abstract books of Congress. Page: 65, November 2000.

178. Arthroscopy Treatment of Jumper’s Knee

Figueroa P. David, Calvo Rafel, **Mardones P. Rodrigo**, Orellana Pablo, Kameid  
Gonzalo

XXXVIth Chilean Orthopedics and Traumatology Society.

Iquique, Chile. November 17-20 2000

Abstract books of Congress. Page: 52,  
November 2000.

179. Reconstruction of the Anterior Cruciate Ligament with STG tendon. A

Prospective Research. At least one year Follow-up

Figueroa David, Calvo Rafael, **Mardones Rodrigo**

XXXVIth Annual Meeting of the Chilean Orthopedics and Traumatology Society.  
Iquique, Chile. November 17-20 2000

Abstract books of Congress. Page: 56, November 2000.

180. Radiofrequency Usefulness on Partial Thickness Acute Lesion over Articular  
Cartilage. Morphohystologic Model”

**Mardones P. Rodrigo**, Figueroa P. David, Paulos A. Jaime, Garrido A. Jorge,  
Ferrer Gonzalo, Arnozcky Steven P.

XXXVIth Annual Meeting of the Chilean Orthopedics and Traumatology Society.  
Iquique, Chile. November 17-20 2000

Abstract books of Congress. Page: 73, November 2000.

181. Anterior Cruciate Ligament Reconstruction Using Central Third Bone – Patellar Tendon – Bone Technique.

Figuroa David, Calvo Rafael, **Mardones Rodrigo**, Paulos Jaime

III Millenium International Arthroscopy, Knee Surgery and Orthopedics Sports Medicine Congress. VIIth Argentine Arthroscopy Association Congress. IVth Latin American Meeting.

Buenos Aires, Argentina. May 22th-25<sup>th</sup>. 2000.

182. Usefulness of Larson Oretop Score in Patients with Anterior Knee Pain”

David Figuroa,Rafael Calvo,**Rodrigo Mardones**,Jaime Paulós,Federico Gili

Presented at: III Millenium International Arthroscopy, Knee Surgery and Orthopedics Sports Medicine Congress. VIIth Argentine Arthroscopy Association Congress. IVth Latin American Meeting.

Buenos Aires, Argentina. May 22th-25<sup>th</sup>. 2000.

183. Utility of Cell-Saver at longer Hip Surgery. Clinical Experience.

Cortínez I.; Mertz V.; Muñoz H.; **Mardones R.**; Lara J.

XXXVth Annual Meeting of the Chilean Orthopedics and Traumatology Society. IIth

Chilean and Canadian’s Orthopedics and Traumatology Working Days. Pucon, November 25<sup>th</sup> to 29<sup>th</sup>.

Abstract books of Congress. Page 83. 1999.

184. Giant Cell Bone Tumor: Clinical, Radiology and Pathology-Anatomy studies. Treatment and Results.

Ortiz C., M.D.; Baar A., M.D.; Garrido J., M.D.; **Mardones R.**, M.D.;

Fortune J., M.D.

XXXVth Annual Meeting of the Chilean Orthopedics and Traumatology Society. IIth

Chilean and Canadian’s Orthopedics and Traumatology Working Days. Pucon, November 25<sup>th</sup> to 29<sup>th</sup>, 1999.

Abstract books of Congress. Page 87.

185. Synthesis and Evaluation of Bone Morphogenetic Proteins.”

Mendoza S., M.D.; Wagner E., M.D.; **Mardones R.**, M.D.; Garrido J., M.D.; Lisoni A., M.D.; Paulos J M.D.

XXXVth Annual Meeting of the Chilean Orthopedics and Traumatology Society. IIth

Chilean and Canadian’s Orthopedics and Traumatology Working Days. Pucon, November 25<sup>th</sup> to 29<sup>th</sup>, 1999.

Abstract books of Congress. Page 133.

186. Usefulness of Larson Oretop Score in Patients with Anterior Knee Pain

David Figuroa, Rafael Calvo, **Rodrigo Mardones**, Jaime Paulós, Federico

Gili.

XXXVth Annual Meeting of the Chilean Orthopedics and Traumatology Society. IIth

Chilean and Canadian’s Orthopedics and Traumatology Working Days. Pucon, Chile. November 25<sup>th</sup> to 29<sup>th</sup>, 1999.

Abstract books of Congress. Page 152 and 153.

187. Diafisiary Fractures of the Humerus: Therapeutic Alternatives

Flores A.G., Vega Rafael, **Mardones Rodrigo**

XXIVth Annual Meeting of the Orthopedics and Traumatology Society. First

Chilean-European Orthopedics and Traumatology working days. Santiago, Chile. November 25<sup>th</sup> to 27<sup>th</sup>.1998.

Abstract books of Congress. Page 170.



**Courses / Meeting Director / Board**

1. ISHA 2017  
Local Chairman  
Santiago  
Chile

2. I Foro Avanzado de Cirugia Reconstructiva y Reparacion  
Soluciones Latam  
Director Cientifico  
Santiago de Chile  
Agosto 2014

3. **XLVIV** Annual Meeting of the Chilean Orthopedic and Trauma Society  
**Chilean Hip Society**  
**President**  
Viña del Mar, Chile  
Noviembre 2013

4. XLVVIII Congreso Anual de la Sociedad Chile de Medicina del Deporte 2013.  
Juegos Suramericanos 2014  
Santiago, Chile  
5 al 7 de Diciembre 2013

5. **XLVIII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
**Chilean Hip Society**  
**President**  
Viña del Mar, Chile  
Noviembre 2012

Meeting Director Smith & Nephew Course  
Hip Arthroscopy  
Andover, USA  
October 1 and 2, 2012

XVLL Annual Meeting of the Chilean Society of Sport Medicin  
Congress President  
August 23 to 25, 2012

**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society

ICRS Pre-congress Course  
Puerto Varas, Chile.  
November 15 to 19, 2011

Meeting Director Smith & Nephew Course  
Extreme South Hip Arthroscopy  
Santiago, Chile  
29-30 July, 2011

Meeting Committee Director  
XLVI Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile November 15-18 2010

Secretary and Director  
Total Hip Arthroplasty Course  
Clinica Las Condes, Santiago, Chile  
August 2010

Meeting Committee Director  
XLV annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile November 15-18 2009

Meeting Committee Director  
XLIV Annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile November 15-18 2008

Executive Secretary and Director  
III Adult Reconstructive Meeting. Mayo Clinic – Cono Sur.  
March 10-12, 2008  
Puerto Varas, Chile

Meeting Committee Director  
XLIII Annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile November 15-18 2007

Meeting Committee Director  
LII Chilean Sport Medicine Society  
July 26-28, 2007  
Santiago, Chile

Meeting Committee Director  
XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 15-18 2006

Scientific Secretary  
Third Adult Reconstructive Meeting. Mayo Clinic – Pontificia Universidad  
Catolica de Chile

Second Cono Sur Adult Reconstructive Meeting  
August 10-12, 2006  
Santiago, Chile

Scientific Director  
LI Chilean Sport Medicine Society  
July 8-11, 2006  
Santiago, Chile

Course Director  
Basic Science and research on Surgery. Everything started here  
Division de Cirugía  
Pontificia Universidad Catolica de Chile  
April 20-21  
2006

Meeting Committee  
XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile November 16-19 2005

Internacional Cartilage Repair Society  
Borrad of Directors  
January 2006-

Second Adult Reconstructive Meeting. Mayo Clinic – Pontificia Universidad  
Catolica de Chile  
First Cono Sur Adult Reconstructive Meeting  
March 11-13, 2005  
Santiago, Chile

**Conferences/ Meeting Faculty:**

1. ISHA 2017  
Local Chairman  
Santiago  
Chile

2. Conference Dedicated to 110<sup>th</sup> Aniversary of Sytenko Institute of Spine & Joint  
Pathology  
International Education Course  
Current Issues of Total Hip and Knee Arthroplasty  
5<sup>th</sup> October 2017  
Khrakiv  
Ukraine

3. Actualizacion en Cirugia de Cadera  
SolucionesHip: Simposio Sudamericano  
15-17 Junio  
2017  
Santiago  
Chile

4. LXII Congreso Nacional de Ortopedia y Trumatologia  
Colegio Mexicano de Ortopedia y Traumatologia  
Acapulco 2017  
Mexico

5. ISHA 2016  
San Francisco Ca  
USA

6. Soluciones LATAM. Simposio Avanzado en Cirugia Artroscopica y Reconstructiva  
Cartagena De Indias  
Colombia  
2016

7. 17<sup>th</sup> ESSKA Congres  
Barcelona  
España  
2016

8. Over a Decade of Educationand Innovation  
2016 Vail Hip Symposium  
January 14-16  
Vail, Colorado  
USA

9. LI Annual Meeting of the Chilean Orthopedic and Trauma Society  
19-21 Noviembre 2015  
La Serena  
Chile

10. XXIII Congreso Annual Sociedad LAionamericana de Ortopedia y Traumatologia  
SLAOT  
Agosto 2015  
Ciudad de Mexico  
Mexico

11. XXVIII JornadaNacional Ortopedia  
Colegio Mexicano de Ortopedia y Traumatologia  
Puebla 2015  
Mexico

12. Solucoes Smith & Nephew Latam Brasil  
21-22 May, 2015  
Sao Paulo  
Brasil

13. 12nd Annual ICRS meeting  
Chicago, USA  
May 2015

14. AANA Master Instructor  
Hip Arthroscopy  
Leraning Center  
Rosemont, Il  
USA  
2014

15. I Foro Avanzado de Cirugia Reconstructiva y Reparacion  
Soluciones Latam  
Santiago de Chile  
Agosto 2014

16. **XLIX** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile  
30 Octubre - 1 Noviembre 2014

17. 5th Annual Meeting of the International Society of Hip Arthroscopy (ISHA)  
Rio de Janeiro, Brasil  
Octubre 9-11, 2014

18. Vail Hip Symposium at Beaver Creek  
Beaver Creek Mountain, Colorado, USA  
Marzo 27-29. 2014

**"Management of Chondrolabral Separation"**  
**"The Future of Cartilage Treatment"**

19. **XLVIV** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile  
Noviembre 2013

20. XLVVIII Congreso Anual de la Sociedad Chile de Medicina del Deporte 2013.  
Juegos Suramericanos 2014  
Santiago, Chile  
5 al 7 de Diciembre 2013

21. Jornadas Paulistas de Cirugia de Cadera 2013  
Sao Paulo, Brasil  
5 al 7 de Diciembre 2013

22. 4th Annual Meeting of the International Society of Hip Arthroscopy (ISHA)  
Munich, Alemania  
Octubre 10 al 12, 2013

23. International Hip Arthroscopy Course. Joint Preserving and Regenerative Medicine  
Sao Paulo  
2013
24. XI International Cartilage Repair Society Annual Meeting  
Izmir, Turquia  
Septiembre 13 to 16, 2013
25. **XLVIII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Viña del Mar, Chile  
Noviembre 2012
26. 42<sup>nd</sup> Annual Advances Hip Arthroplasty Course, Harvard Medical School  
Boston, Massachusetts  
October 2 to 5, 2012
27. Course Director and Instructor: Smith And Nephew Cadaver Course  
Hip Arthroscopy  
Andover, Massachusetts  
October 1 to 2, 2012
28. Instructor: Smith And Nephew Cadaver Course  
Advances Hip Arthroscopy  
Andover, Massachusetts  
September 30, 2012
29. 3<sup>rd</sup> Annual Meeting of the International Society of Hip Arthroscopy (ISHA)  
Boston, Massachusetts  
September 27 to 29, 2012
30. Fellowship annual course, Smith and Nephew  
Hip Arthroscopy  
Boston, Massachusetts  
September 10 and 11, 2012
31. XVLL Annual Meeting of the Chilean Society of Sport medicine  
August 23 to 25, 2012
32. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
July 20 to 22, 2012
33. Instructor: Smith And Nephew Cadaver Course  
Hip Arthroplasty  
Memphis,  
June 21 to 23, 2012
34. 3er curso cirugia artroscopica de cadera

Cali, Colombia  
May 30 to June 2, 2012

35. Annual Meeting of the Arthroscopy Association of North America (AANA)  
Orlando, Florida  
May 17 to 20, 2012

36. X International Cartilage Repair Society Annual Meeting  
Cartilage Repair on the Hip Joint  
Montreal, Canada  
May 12 to 15, 2012

37. Argentinian Arthroscopy Association  
Buenos Aires, Argentina  
April 19 to 21, 2012

38. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
March 2012

39. Annual Scientific Meeting International Society of Hip Arthroscopy.  
October 14-15, 2011.  
Paris, France.

40. 21<sup>st</sup> AAHKS Annual Meeting  
November 4-6, 2011  
Dallas, Tx

41. **XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
ICRS Pre-congress Course  
Puerto Varas, Chile.  
November 15 to 19, 2011

42. 56<sup>o</sup> Annual Meeting of Sports Medicine Chilean Society.  
Santiago, Chile.  
August 2011

43. Instructor: Smith And Nephew Cadaver Course  
Hip Arthroplasty  
Mendoza, Argentina  
August, 2011

44. Extreme South Hip Arthroscopy  
Santiago, Chile  
29-30 July 2011

45. Jornadas del Norte

SCHOT  
Calama, Chile  
April 29-30, 2011

46. 2011 AAOS Annual Meeting  
San Diego, USA  
February 2011

47. ISAKOS Annual Meeting  
Sao Paulo, Brazil  
May 14: 2011

48. Latinamerica Hip Arthroscopy Course  
Cali, Colombia  
March 7-9: 2011

49. Hip Arthroscopy Course  
Vail, Colorado  
March, 2011

50. XLVI Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile  
November 16 to 20, 2010

51. Mayo Alumni Annual Meeting  
Rochester, USA  
September 15-19, 2010

52. Warwick Hip arthroscopy meeting  
Warwick, UK  
June 13, 2010

53. 55° Annual Meeting of Sports Medicine Chilean Society.  
Puerto Varas, Chile, August 2010

54. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
July 30: 2010

55. Instructor: Smith And Nephew Cadaver Course  
Hip Arthroscopy  
Mendoza, Argentina  
December 17-18, 2010

56. Smith and Nephew Meeting Course  
Hip Arthroscopy



Barcelona, Spain  
February, 2010

57. SLARD.  
Buenos Aires, Argentina.  
May, 2010

58. Total Hip Arthroplasty: A to Z.  
Clínica Las Condes  
Santiago, Chile  
August 2010

59. Annual Scientific Meeting International Society of Hip Arthroscopy.  
8-9 Octubre 2010.  
Cancún, México.

60. **XLVI** Annual Meeting of the Chilean Orthopedic and Trauma Society  
La Serena, Chile. November 17 to 20, 2010

61. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
November 5-7: 2010

62. XLV Congreso Chileno de Ortopedia y Traumatología  
Viña del Mar, Chile Nov 18, 22. 2009

63. XVII Congreso internacional .A.C.A.R.O. 2009  
"Pellizcamiento femoroacetabular. Tratamiento artroscópico"  
"Tratamiento de las lesiones labrales"  
"Limites de la artroscopía de cadera"  
"Osteotomías pelvianas"  
Buenos Aires, Argentina  
Sept 16-19, 2009

64. LIII Chilean Sport Medicine Society  
"Arthroscopic treatment of femoroacetabular impingement in athletes"  
Chillan, Chile  
Sept 1-4 2009

65. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
Chicago, USA  
October 30-31: 2009

66. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
Chicago, USA  
July 31-August 1: 2009
67. 8<sup>th</sup> World Congress of the International Cartilage Repair Society ICRS.  
"Stem Cells for Cartilage Repair"  
Miami-Florida. May 23-26. 2009.
68. 9<sup>th</sup> World Congress of the International Cartilage Repair Society ICRS.  
Barcelona, Spain. August 25-26. 2010
69. Santander Hip Meeting: Hip scope and sport  
"Revision Cases: 10 pearls in 10 min"  
"Labral Tears. Arthroscopic classification and localization"  
"Labral repair versus resection"  
"Arthroscopic offset restoration (CAM treatment): avoiding risk"  
Santander, February 4, 5. 2009
70. XLIV Congreso Chileno de Ortopedia y Traumatología  
Viña del Mar, Chile Nov18,22. 2008
71. Instructor: Curso Internacional de Cirugía Artroscópica y Mini Invasiva de cadera.  
"Labral Tears Management"  
Cadaveric Surgical Demonstration: Treatment of Pincer FAI.  
Buenos Aires, Argentina. October 23-24. 2008
72. Hip pathology in the young patient  
"Current indications for hip scope"  
Torres del Paine, Chile  
October 8-10. 2008.
73. Degenerative Arthritis on the young patient  
"Cellular Transplantation in the treatment of chondral lesions. Where are we today?"  
"Arthroscopic treatment of femoroacetabular impingement"  
Clinica Las Condes  
Santiago, Chile  
October 3-4. 2008
74. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
Chicago, USA  
September 26-28. 2008

75. XV Uruguay National Orthopedic Society Meeting (SOTU)  
"Femoroacetabular Impingement. Diagnosis and treatment"  
"Ganz Periacetabular Osteotomy, surgical technique and results"  
"How do I decided my total hip replacement"

Montevideo, Uruguay.  
September 9-12. 2008

76. 1<sup>st</sup> Rehabilitation Course Clinica Las Condes  
Clinica Las Condes  
Santiago, Chile  
August 30: 2008

77. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
Chicago, USA  
July 25-27: 2008

78. 1<sup>st</sup> Iberoamerican Forum (IAF). De Puy  
"Arthroscopic treatment of the pincer femoroacetabular impingement"  
June 18-21, 2008  
Madrid, España.

79. 2<sup>nd</sup> Arthroscopic Hip Techniques International Course  
"Labrum Repair v/s Resection"  
Instructor: Cadaver Lab  
June 12, 13, 2008  
Barcelona, España.

80. ICRS World Series, Sao Paulo – Brazil  
"Obtention, expansion and chondral differentiation of stem cells from bone marrow and fat"  
"Clinical use of stem cells in Cartilage Repair: Chilean Evolution"  
"Hip arthroscopy of Chondral lesions"  
May 2-3, 2008  
Sofitel, Sao Paulo, Brazil

81. IX Jornadas de Traumatologia: Ciencias basicas y traumatologia deportiva.  
Clinica Alemana  
"Cultivo de Condrocitos / Cultivo Celular: Tecnica quirurgica."  
Santiago, Chile  
March 27-28, 2008

82. III Adult Reconstructive Meeting. Mayo Clinic – Cono Sur  
"Tratamiento Artrosopico del Pellizcamiento tipo pincer"  
Moderador mesa redonda: "Experiencia en el cono sur; mi peor caso"  
Puerto Varas  
March 28-30, 2008

83. XLIII Congreso Chileno de Ortopedia y Traumatologia  
Director Curso pre-congreso Artroscopia de Cadera  
"Tratamiento Artrosopico del Pellizcamiento Femoroacetabular tipo Pincer"  
"Osteotomia Periacetabular de Bernese / Ganz"  
Viña del Mar, Santiago  
26 Noviembre – 1 Diciembre 2007.

84. Arthroplasty Latin Amreican Hip Cadaver Lab

Lab Hans on Instructor  
"C-Stem / Pinnacle System"  
UBA Learning Center  
Buenos Aires, Argentina  
October 25, 26: 2007

85. Instructor: **Master Hip arthroscopy cadaver lab**  
Arthroscopy Association of North America  
Learning Center AAOS  
Chicago, USA  
October 12-13: 2007

86. Conceptos actuales en cirugía de cadera:  
"Nuevos Conceptos y tecnologías: Metal Trabecular"  
"Abordaje miniposterior para artroplastia de superficie"  
Buenos Aires, Argentina  
October 28-29. 2007

87. XII Congresso Brasileiro de quadril  
"Osteotomia Periacetabular de Ganz – Mini Acesso"  
"Mini Acceso posterior y Rehabilitacion acelerada en ATQ"  
"Tratamiento Artrosocopico del Impacto Femoroacetabular"  
Bello Horizonte, Brasil  
September 5-8, 2007

88. 3<sup>rd</sup> Latin-Americans Hip and Knee Reconstructive surgeons meeting  
Cartagena de Indias, Colombia  
August 15-18, 2007  
Masterclass on Hip. Total Hip Resurfacing  
Rosario, Argentina  
August 10-11, 2007.

89. LII Chilean Sport Medicine Society  
"Deporte despues de una Artroplastia Total de Cadera"  
Santiago, Chile  
July 26-28 2007

90. Latin-American Forum. De Puy  
Pellizcamiento Femoroacetabular: Alternativas de tratamiento  
Miami, USA  
22,23 June 2007

91. Young Patients Hip Problems. Up to date  
Facultad de Medicina UDELAR  
"Osteotomia de Ganz"  
"Sindrome de pellizcamiento de cadera: definicion y alternativa de tratamiento"  
Montevideo, Uruguay  
May 2007

92. AO Pelvic Fracture Course  
"Fracturas de sacro: evaluacion y tratamiento"  
Santiago, Chile  
May 2007

93. 3<sup>rd</sup> Chilean North Branch of the Chilean Orthopedic Society  
"Estado del arte en el tratamiento de las lesiones osteocodrales en Chile"  
Antofagasta, Chile

April 2007

94. Second International Hip scope forum  
"Sindrome de Pellizcamiento Femoroacetabular: tratamiento abierto v/s artroscopico"  
"Ingenieria en tejidos en Ortopedia y Traumatologia"  
Sao Paulo, Brasil

March 2007

**95. Instructor: Master Hip arthroscopy cadaver lab**

Arthroscopy Association of North America  
Learning Center AAOS  
Chicago

Marzo 2007

96. XLII Annual Meeting of the Chilean Orthopedics and Trauma Society  
Viña del Mar, Chile

November 15-18 2006

97. 4th SICOT/SIROT Annual International Meeting  
Buenos Aires, Argentina

August 2006

98. 8<sup>th</sup> Elbow Meeting Mayo Clinic: Stiff elbow  
Mayo Clinic

Rochester MN, USA

May 2006

AVN of the Hip. Rol of intertrochanteric ostetomy

99. 3<sup>rd</sup> Latinoamerican Forum in Orthopedic. LAF

Buenos Aires, Argentina

May 6-8 2006

Current Concepts in Cartilage Repair  
Basic Science and Clinical Practice  
Femoroacetabular Impingement. Diagnosis

100. XLI Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile

November 16-19 2005

101. 7th Elbow Meeting Mayo Clinic: elbow fractures

Mayo Clinic

Rochester MN, USA

May 2005

102. Tissue Engineering to Cartilage and Bone repair  
1st Tissue Engineering in Orthopedic Forum

Montevideo, Uruguay

September 2005

103. Femoroacetabular Impingement. Current Concept and Treatment  
Alternatives.

Second Adult Reconstructive Meeting. Mayo Clinic – Pontificia Universidad Catolica de  
Chile

104. First Cono Sur Adult Reconstructive Meeting

March 11-13, 2005

Santiago, Chile

Tissue Engineering and Bone regeneration

Tissue Engineering and chondral repair  
Femoroacetabular impingement. Diagnosis and Treatment  
Porous Tantalum and reconstructive surgery  
Stem Cells. The future?

105. Annual Meeting of the Argentinean Orthopedic Society  
December 2005.

Cartilage repair

Revision Total hip arthroplasty: Current Concept

106. XL Annual Meeting of the Chilean Orthopedics and Trauma Society.  
Viña del Mar, Chile  
November 2004

107. Tissue engineering in Orthopedic  
Zimmer Latin-American Forum  
Miami, USA  
November 2004

108. 6th Elbow Meeting Mayo Clinic: The instable elbow  
Mayo Clinic  
Rochester MN, USA  
May 2004.

109. 5th Elbow Meeting Mayo Clinic: Total Elbow Replacement  
Mayo Clinic  
Rochester MN, USA  
May 2003.

Tantalum. The Future?

Techniques for Cartilage Regeneration

110. XXXVIII Chilean Orthopedics and Trauma Congress. 2<sup>nd</sup> Chilean / Peruvian  
Arthroscopy Meeting.  
La Serena, Chile  
20-23 de November  
2002.

Utility of Radiofrequency on cartilage lesion

111. 1<sup>st</sup> Chilean / Mexican Sports Medicine Congress  
Santiago, Chile.  
September 2002

Radiofrequency. Usage on Articular Cartilage Lesion.

112. VI Mexican Arthroscopy, Knee Surgery and Orthopedics Sports Medicine  
Congress  
AMECRA  
June7-10  
Can Cun, Mexico  
2001

113. 2<sup>nd</sup> Course hip scope in Barcelona. Clinica Sagrada Familia  
Hip scope. Step by step  
Hip scope in displasic hip  
Rehab protocol after a Hip scope (FAI)

Labral lesions treatment  
February 3, 6. 2001

**Courses and Congress:**

November 2017	27 <sup>th</sup> AAHKS Annual Meeting Dallas, Tx
October 2017	IX ISHA Annual Meeting preserving hips and enhancing life Santiago, RM 12-14 Octubre 2017
June 2017	11 <sup>th</sup> Biennial ISAKOS Congress Shanghai, China June 4- 8. 2017
November 2016	26th AAHKS Annual Meeting Dallas, Tx USA
Noviembre 2015	LI Annual Meeting of the Chilean Orthopedic and Trauma Society 19-21 Noviembre 2015 La Serena Chile
November 2015	25 <sup>th</sup> AAHKS Annual Meeting Dallas, Tx USA
Agosto 2015	XXIII Congreso Annual Sociedad LATionamericana de Ortopedia y Traumatologia SLAOT Ciudad de Mexico Mexico
May 2015	12vo Annual Meeitng ICRS

	Chicago, Il USA
November 2014	24 <sup>th</sup> AAHKS Annual Meeting Dallas, Tx USA
August 2014	I Foro Avanzado de Cirugia Reconstructiva y Reparacion Soluciones Latam Santiago de Chile
November 2013	23 <sup>rd</sup> AAHKS Annual Meeting Dallas, Tx USA
November 2013	<b>XLIX</b> Annual Meeting of the Chilean Orthopedic and Trauma Society Viña del Mar, Chile 30 Octubre - 1 Noviembre 2014
September 2013	XI International Cartilage Repair Society Annual Meeting Izmir, Turquia Septiembre 13 to 16, 2013
November 2012	22nd AAHKS Annual Meeting Dallas, Tx
February 2012	2012 AAOS Annual Meeting Moscone Convention Center San Francisco February 7-11
March 2012	<b>Master Hip arthroscopy cadaver lab</b> Arthroscopy Association of North America Learning Center AAOS
November 15-19, 2011	<b>XLVII</b> Annual Meeting of the Chilean Orthopedic and Trauma Society



	ICRS Pre-congress Course Puerto Varas, Chile.
October 14-15, 2011	Annual Scientific Meeting International Society of Hip Arthroscopy. París, France.
November 4-6, 2011	21 <sup>st</sup> AAHKS Annual Meeting Dallas, Tx
November 15-19, 2011	<b>XLVII</b> Annual Meeting of the Chilean Orthopedic and Trauma Society ICRS Pre-congress Course Puerto Varas, Chile.
June 9-11, 2011	1 <sup>st</sup> ICRS Focus Meeting – The Hip Zurich, Switzerland
April 29-30, 2011	Jornadas de Norte SCHOT Calama, Chile
February 2011	2011 AAOS Annual Meeting San Diego, USA
November 18 to 21, 2009	XLV Annual Meeting of the Chilean Orthopedic and Trauma Society Viña del Mar, Chile
November 16 to 20, 2010	XLVI Annual Meeting of the Chilean Orthopedic and Trauma Society La Serena, Chile
September 15-19, 2010	Mayo Alumni Annual Meeting Rochester, USA
June 13, 2010	Warwick Hip arthroscopy meeting Warwick, UK
August 2010	55° Annual Meeting of Sports Medicine Chilean Society. Puerto Varas, Chile,
July 30: 2010	<b>Master Hip arthroscopy cadaver lab</b> Arthroscopy Association of North America Learning Center AAOS
May 14: 2011	ISAKOS Annual Meeting

	Sao Paulo, Brazil
December 17-18, 2010	Smith And Nephew Cadaver Course Hip Arthroscopy Mendoza, Argentina
February, 2010	Smith and Nephew Meeting Course Hip Arthroscopy Barcelona, Spain
May, 2010	SLARD. Buenos Aires, Argentina.
March 7-9: 2011	Latinamerica Hip Arthroscopy Course Cali, Colombia
August 2010	Total Hip Arthroplasty: A to Z. Clínica Las Condes Santiago, Chile
8-9 Octubre 2010.	Annual Scientific Meeting International Society of Hip Arthroscopy. Cancún, México.
November 17 to 20, 2010	<b>XLVI</b> Annual Meeting of the Chilean Orthopedic and Trauma Society La Serena, Chile.
November 5-7: 2010	<b>Master Hip arthroscopy cadaver lab</b> Arthroscopy Association of North America Learning Center AAOS
Nov 18, 22. 2009	XLV Congreso Chileno de Ortopedia y Traumatología Viña del Mar, Chile
Sept 16-19, 2009	XVII Congreso internacional .A.C.A.R.O. 2009 Buenos Aires, Argentina
Sept 1-4 2009	LIII Chilean Sport Medicine Society Chillan, Chile
October 30-31: 2009	<b>Master Hip arthroscopy cadaver lab</b> Arthroscopy Association of North America Learning Center AAOS Chicago, USA
July 31-August 1: 2009	<b>Master Hip arthroscopy cadaver lab</b> Arthroscopy Association of North America

	Learning Center AAOS Chicago, USA
May 23-26. 2009.	8 <sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS. Miami-Florida.
August 25-26. 2010	9 <sup>th</sup> World Congress of the Interational Cartilage Repair Society ICRS. Barcelona, Spain.
February 4, 5. 2009	Santander Hip Meeeting: Hip scope and sport Santander, Spain
Nov18,22. 2008	XLIV Congreso Chileno de Ortopedia y Traumatologia Viña del Mar, Chile
October 23-24. 2008 Buenos Aires, Argentina.	Curso Internacional de Cirugia Artroscopica y Mini Invasiva de cadera.
October 8-10. 2008.	Hip pathology in the young patient Torres del Paine, Chile
October 3-4. 2008	Degenerative Arthritis on the young patient Clinica Las Condes Santiago, Chile
September 26-28. 2008	<b>Master Hip arthroscopy cadaver lab</b> Arhtrosocopy Association of North America Learning Center AAOS Chicago, USA
September 9-12. 2008 Montevideo, Uruguay.	XV Uruguay National Orthopedic Society Meeting (SOTU)
August 30: 2008	1 <sup>st</sup> Rehabilitation Course Clinica Las Condes Clinica Las Condes Santiago, Chile
July 25-27: 2008	<b>Master Hip arthroscopy cadaver lab</b> Arhtrosocopy Association of North America Learning Center AAOS Chicago, USA
June 18-21, 2008	1 <sup>st</sup> Iberoamerican Forum (IAF). De Puy Madrid, España.

June 12, 13, 2008 Instructor: Cadaver Lab	2 <sup>nd</sup> Arthroscopic Hip Techniques International Course Barcelona, España.
May 2-3, 2008	ICRS World Series, Sao Paulo – Brazil Sofitel, Sao Paulo, Brazil
March 27-28, 2008	IX Jornadas de Traumatologia: Ciencias basicas y traumatologia deportiva. Clinica Alemana Santiago, Chile
March 28-30, 2008	III Adult Reconstructive Meeting. Mayo Clinic – Cono Sur Puerto Varas, Chile
Nov. 26- Dec 1. 2007	XLIII Annual Meeting of the Chilean Orthopedic Society Viña del Mar, Chile
Sept. 29 Oct 2. 2007	VII Word Congress of the International Cartilage Repair Society Meeting ICRS Warsaw, Poland.
June 22-24. 2007	4 <sup>th</sup> Latino-American Forum in Orthopedic LAF Miami, USA
February 13-17. 2007	74th Annual Meeting of the American Academy of Orthopedic Surgeons Society San Diego, USA.
November 15-18. 2006	XLII Annual Meeting of the Chilean Orthopedic Society Viña del Mar, Chile
November 1-2 2006	Annual meeting of the AAKS Dallas, Texas USA
May 18-20 2006	8th Elbow Meeting Mayo Clinic: Stiff Elbow Mayo Clinic Rochester MN, USA
May 6-8 2006	3 <sup>rd</sup> Latinoamerican Forum in Orthopedic. LAF Buenos Aires, Argentina
April 2006	Advanced Techniques in Hip Scope Vail, Colorado, USA.
March 22-26. 2006	73 <sup>rd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons Chicago, IL. USA.
March 19-22. 2006.	53th Annual Meeting of Orthopedic Research Society, Chicago, IL. USA.

January 8-11 2006	6 <sup>th</sup> ICRS (International Cartilage Repair Society) Meeting San Diego. CA. USA.
December 2005	2 <sup>nd</sup> Latinoamerican Forum in Orthopedic. LAF Miami, USA
December 2005	Current Concept in Joint Replacement Orlando, Florida, USA.
November 16-19, 2005	XLI Annual Meeting of the Chilean Orthopedics and Trauma Society. Viña del Mar, Chile
May 2005	7th Elbow Meeting Mayo Clinic: Elbow Fracture Mayo Clinic Rochester MN, USA
20-24 April 2005 Annual	Mid-America Orthopaedic Association Twenty-Third Meeting Amalia Island Plantation, Florida
20-23 February 2005 Society	52 <sup>nd</sup> Annual Meeting of the Orthopaedic Research Society Washington, DC. USA
23-27 February, 2005	72 <sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons. Washington, DC. USA
November 17-20, 2004	XL Annual Meeting of the Chilean Orthopedics and Trauma Society. Viña del Mar, Chile
May 26-29, 2004	5 <sup>th</sup> Symposium of ICRS (International Cartilage Repair Society) Gent, Belgium
May 2004	6th Elbow Meeting Mayo Clinic: The instable elbow Mayo Clinic Rochester MN, USA
April 2004	Mid-America Orthopaedic Association Twenty-Second Annual Meeting La Quinta, California. USA
March 2004	51 <sup>st</sup> Annual Meeting of the Orthopaedic Research Society Washington, DC. USA
March 2004	72 <sup>nd</sup> Annual Meeting of the American Academy of Orthopedic Surgeons. San Francisco, CA. USA
March, 11 2004	1 <sup>st</sup> Adult Reconstructive Fellow Meeting San Francisco, USA
December 10-13	Current Concept in Joint Replacement Orlando, Florida, USA.
November 14 - 16, 2003	Focus Meeting - "Shoulder and Elbow Arthritis: Management Options from Arthroscopy to Arthroplasty Bellagio, Las Vegas, Nevada, USA.

May 2003	5th Elbow Meeting Mayo Clinic: Total Elbow Replacement Mayo Clinic Rochester MN, USA
September 2003	Adult Reconstructive Meeting. Pelvic reconstruction Mayo Clinic Rochester MN, USA
October 2003	Knee revision (Learning center) American Academy of orthopedic Surgeons Chicago, IL, USA
February, 5-9, 2003	70 <sup>th</sup> Annual Meeting. American Academy of Orthopaedic Surgeons New Orleans, USA.
February, 2-5, 2003	49 <sup>th</sup> Annual Meeting. Orthopaedic Research Society. New Orleans, USA
November 20-23, 2002	XXXVIII Chilean Orthopedics and Traumatology Congress. La Serena, Chile
October, 2002	Advanced AO Course ORIF by Minimally Invasive Surgery Santiago, Chile
September, 2002	1 <sup>st</sup> Chilean / Mexican Sports Medicine Congress Santiago, Chile
August, 23-25, 2001	AO Basic Course Principles in Fracture's treatment Santiago, Chile
June, 7-10, 2001	VI Mexican Arthroscopy, Knee Surgery and Orthopedics Sports Medicine Congress AMECRA Can Cun, Mexico
April, 11-12, 2001	2 <sup>nd</sup> Orthopedics Meeting "Clinica Alemana" Pelvic and Acetabular Reconstructive Surgery Santiago, Chile
March 16 to 17, 2001	1ST Knee's Surgery Athenaeum Meeting Puerto Montt, Chile.
November, 17 to 20, 2000:	XXXVI Chilean Orthopedics and Traumatology Congress. Iquique, Chile
July, 26 to 29, 2000:	XLV Sport Medicine Chilean Congress. 1 <sup>st</sup> Orthopedics Sport Medicine Latin Congress. Santiago, Chile
May, 22 to 25, 2000:	III Millenium International Arthroscopy, Knee Surgery and Orthopedics Sports Medicine Congress. VIIth Argentine Arthroscopy Association Congress. IVth Latin American Meeting. Buenos Aires, Argentina.
April, 7 to 8, 2000:	1 <sup>st</sup> Orthopedics Meeting "Clinica Alemana" Orthopedic Infection Handling "The Infected Implant" Santiago, Chile

November, 26 to 29, 1999: XXXVth Chilean Orthopedics and Traumatology Congress.  
 IIth Chilean Canadian Orthopedics and Traumatology Working Days.  
 Pucon, Chile

August 29 to 21, 1999: Basics Science in Orthopedics and Traumatology.  
 Medical School. Catholic University.  
 Santiago, Chile.

October, 1 to 2, 1999: XVIth Symposium on Bone Tumors.  
 Valparaiso, Chile.

July, 15 to 17, 1999: AO Hand Course.  
 "Hospital del Trabajador"  
 Santiago, Chile.

May 23 to 25, 1999: Vth Symposium of Hip Pathology  
 Chilean Society of Orthopedics and Traumatology.  
 Santiago, Chile.

July 1998: Healing Actualization and Suturing materials.  
 . University of Chile's Medical School  
 Surgery Department.

June 1998: Before and After Surgery Handling.  
 Medical School. University of Chile.  
 Surgery Department.

### **Professional Affiliations**

**Chilean Society of Orthopedic Surgeon:** Active member since June 2002

**Chilean Hip Society** Active member since June 2002  
 General Secretary 2010-2011  
**President 2012-2013**

**Sociedad Chilena de Medicina del Deporte:** Active member since August 2002  
 Board of Directors: July 2006-2013  
 Congress President 2012  
 President 2013

**Sport Medicine Chilean Society Journal** Editor in Chief 2006-2011

**Orthopedic Research Society:** Active member since March 2003

**International Cartilage Repair Society:** Active member since December  
 2003  
 Board of Directors: January  
 2006-Dec 2010  
 Bylaws Comittee: 2009-2012

**International Society of Hip Arthroscopy (ISHA)** Active member since 2009  
**General Board (By laws comitte)**  
**2011-2015**  
**General Secretary**  
**2015-**  
**Local Chairman**  
**IX Annual Meeting 2017.**  
**Santiago. Chile**

<b>Cartilage (official Journal ICRS)</b>	Editorial Board: 2009-
<b>Mayo Alumni Association:</b>	Active member since July 2004
<b>American Academy of Orthopedic Surgeons:</b> 2005	International member since May
<b>Clinical Orthopedic and related research Journal:</b>	Reviewer. Hip topics
<b>Journal of Arthroscopy:</b>	Reviewer. Hip, Hip scope and cartilage topics
<b>International Orthopedic:</b>	Reviewer. Hip and Cartilage topics
<b>American Association of Hip and Knee Surgeons (AAHKS)</b>	International member since Nov 2006
<b>Journal of Hip Preservation Surgery</b>	Editorial Board <b>2015-</b>
<b>American Journal of Sport Medicine</b>	Reviewer. Hip, Hip scope and cartilage topics
<b>Clinical orthopaedic and Related Reseach Journal</b>	Reviewer. Hip, Hip scope and cartilage topics

**Awards and Honors:**



**Septiembre 2013**

**Best Poster Award**

Optimization of the number of chondrocytes-induced from Bone Marrow-Mesenchymal Stem Cell(BM-MSCs)seeded in type I and II collagen matrix membrane  
XI International Cartilage Repair Society Annual Meeting  
Izmir, Turquia  
Septiembre 13 to 16, 2013

**October 2011  
Best Hip paper**

**“Dr. Mauricio Wainer Norman” Award**

Efecto del Plasma Rico en Plaquetas (PRP) en el manejo de la inflamación y dolor en el postoperatorio precoz de pacientes sometidos a Artroscopía de cadera por Pinzamiento Fémoroacetabular (PFA): Estudio clínico prospectivo, randomizado, doble ciego y controlado  
**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Puerto Varas, Chile. October 15 to 19, 2011.

**October 2011**

**Best Video Award**

Uso de Concentrado Autólogo de Células madres (CACM) transplantado en un coágulo de Plasma Rico en Plaquetas (PRP) asociado a microfracturas para el tratamiento de Lesiones Condrales en Cadera: Técnica Quirúrgica Artroscópica  
**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Puerto Varas, Chile. October 15 to 19, 2011.

**October 2011**

**2nd Best Scientific Paper Award**

Efecto del Plasma Rico en Plaquetas (PRP) en el manejo de la inflamación y dolor en el postoperatorio precoz de pacientes sometidos a Artroscopía de cadera por Pinzamiento Fémoroacetabular (PFA): Estudio clínico prospectivo, randomizado, doble ciego y controlado  
**XLVII** Annual Meeting of the Chilean Orthopedic and Trauma Society  
Puerto Varas, Chile. October 15 to 19, 2011.

**November 2010**

**Best Published Paper in Chilean Orthopedics Society Magazine**

Patrón de Maduración Radiológica del injerto semitendinoso-gracilis en la reconstrucción del ligamento cruzado anterior

**November 2010**

**“Dr. Mauricio Wainer Norman” Award**

**Best Hip paper**

Resultados del Tratamiento Artroscópico del Pinzamiento  
Fémoro-Acetabular: Resultados a mediano plazo (2 a 5  
años)  
**XLVI** Annual Meeting of the Chilean Orthopedic and  
Trauma Society  
La Serena, Chile. November 17 to 20, 2010

**December 2009**

**Accesit Award to Best Scientific Paper**

Eficacia del Ácido Tranexámico en la Reducción del Sangrado Postoperatorio en  
Artroplastía Total de Rodilla  
46° Annual Meeting of the Argentinean Orthopedic and Trauma Society  
Salta, Argentina. November 29 to December 3, 2009.

**November 2007**

**Best Surgical Video Technique Award**

Surgical Video Technique: Minimal Anterior Approach for  
the Periacetabular Osteotomy  
**Mardones, R;** Zanolli, D.  
XLII Annual Meeting of the Chilean Orthopedics and  
Trauma Society.  
Viña del Mar, Chile November 26-December 1 2007

**October 2006**

**Best Scientific Paper Award**

Use of platelet concentrate and bone plug as a maturation  
adjuvant during STG ACL reconstruction.  
**XXI** Military Hospital Annual Meeting  
Santiago, Chile. October 26 and 27, 2006.

**2nd Best Scientific Paper Award**

Obtención, Cultivo y Diferenciación  
Osteoblástica-Condroídea de Células Madres  
Mesenquimáticas Obtenidas de Médula Ósea Humana  
Mediante Gradiente de Densidad en Pabellón de Cirugía  
**XXI** Military Hospital Annual Meeting  
Santiago, Chile. October 26 and 27, 2006.

**November 2006**

**Best Knee Paper Award**

Use of platelet concentrate and bone plug as a maturation  
adjuvant during STG ACL reconstruction.  
**XLII** Annual Meeting of the Chilean Orthopedics and  
Trauma Society.  
Viña del Mar, Chile November 15-18 2006

**November 2006**

**Best Knee Paper Award**

Use of platelet concentrate and bone plug as a maturation adjuvant during STG ACL reconstruction.

Mario Orrego, Jose Matas, Luis Valenzuela, Juan Durruty, Hernan Sudy, Int. Catalina Larrain, **Rodrigo Mardones**

XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.

Viña del Mar, Chile November 15-18 2006

**Best Hip Paper Award**

Use of posterior offset as a reliable guide to perform arthroscopic resection of the anterior-lateral head neck junction of the femoral head in the treatment of FAI

**Rodrigo Mardones**, Alexander Tomic, Rafael Vega, Daniel Schweitzer, Mario Orrego

XLII Annual Meeting of the Chilean Orthopedics and Trauma Society.

Viña del Mar, Chile November 15-18 2006

**Best Basic Science Paper Award**

Obtencion, Cultivo y Diferenciacion osteoblastica y Condroidea y de celulas madres mesenquimaticas de medulla osea humana mediante gradiente de densidad realizada en pabellon de cirugia.

**Rodrigo Mardones**, Rafael Martinez, Maria Jose Paredes, Eugenio Zalaquet, Francisco Garcia, Jonathan Torres, Claudiar Araya. XLII Congreso Chileno de Ortopedia y Traumatologia. Vina del Mar, Chile. 15 - 18 de Noviembre 2006

**July 2006**

**Best Paper Award**

Osteogenic and Chondrogenic differentiation of MSC derived from human fat tissue

Martinez, Rafael; Paredes Maria Jose, Araya Claudia, Zalaquet Eugenio, **Mardones Rodrigo**

Chilean Sport Medicine Society  
2006 Annual Meeting

**March 2006**

**Best of Scientific Award. Award of Excellence**

Revision Hip Arthroplasty with Porous Tantalum Augments and Acetabular Shells.

Lewallen David; Meneghini Michael; **Mardones Rodrigo**;  
Boggie Robert, Hanssen Arlen.  
American Academy of Orthopedic Surgeons.  
2006 Annual Meeting

- |                  |             |  |
|------------------|-------------|--|
| <b>November</b>  | <b>2005</b> | <b>Second Best Paper Award</b><br>XLI Annual Meeting of the Chilean Orthopedics and<br>Trauma Society<br>Viña del Mar, Chile<br>Anterior/Posterior Offset ratio in patients with CAM<br>femoroacetabular impingement<br><b>Rodrigo Mardones</b> , Fernando Nemntala, Sebastian<br>Irrazabal, Oscar Contreras, Pedro P Amenábar, Jaime<br>Paulos A  |
| <b>April</b>     | <b>2005</b> | <b>E. W. Johnson, Jr. Physician in Training Award</b><br>XXXIII Annual Meeting of Mid America of Orthopedic<br>Surgeon Society<br>Amalia Island Plantation<br>Florida<br>USA   |
| <b>February</b>  | <b>2005</b> | <b>The Frank Stinchfield Award</b><br>The Hip Society Open Meeting<br>72 Annual Meeting of the AAOS<br>Washington, D.C.<br>USA   |
| <b>November</b>  | <b>2004</b> | <b>Best Basic Science Paper</b><br>Modelo de Cultivo y Diferenciación de Osteoblastos a<br>Partir de Células Mesenquimáticas Pluripotenciales de<br>Médula Ósea de Conejos: Una Técnica Reproducible<br>Julio Urrutia E; Daniel Apablaza C; Pablo Mery P; Felipe<br>Pizarro A; Claudia Araya Marco Carrión M; Rafael<br>Martínez; <b>Rodrigo Mardones P.</b><br>XL Annual Meeting of the Chilean Orthopedics and<br>Traumatology Society.<br>Viña del Mar, Chile |
| <b>January</b>   | <b>1998</b> | <b>Best Internal Medicine Internship</b><br><b>"Dr. Jose Joaquín Aguirre" Award</b>  |
| <b>September</b> | <b>1998</b> | <b>Second Best paper Award</b><br>"Suture Threads' Tightening Force"<br>Domic M., Csendes Atila, <b>Mardones Rodrigo</b>   |

Xlth Scientific Surgery Working Days for Surgery Scholarship Holders.  
Santiago – Chile

**April**            **2001**            **Chief Resident (May 2001 – April 2002)**  
**Catholic University Orthopedic' Surgery Department**

**November**    **2001**            **Best Research Project Division of Surgery Award**  
"Full-thickness Chondral Lesion in Dog's Femoral Head  
Repaired by Autologous Chondrocytes Cultured  
Transplantation"  
**Mardones Rodrigo**, Paulos Jaime, Liendo Carlos, Garrido  
Jorge, Cabanela Miguel, Arnoczky Steven P.  
Pontificia Universidad Catolica de Chile

### **Actividad Empresarial**

Bioteccel Limitada:

**Socio Fundador**  
**Gerente General 2009-**

Inmobiliaria Marina Rapel S. A

**Gerente General / Director**

L.I.T. Clinica Las Condes

**Director General del proyecto**

Languages:

Spanish: Native

English: Fluent.