

Curriculum Vitae

Martin Quirno, MD
Quirnomd.com

Academic Appointments:

Clinical Assistant Professor NYU Hospital for Joint Diseases, New York, NY

Surgical Fellowships

Spine Surgery Fellowship RUSH Medical Center, IL

Residency:

Orthopaedic Residency NYU Hospital for Joint Diseases, New York, NY

Research Fellowships:

Orthopaedics Basic Science Research Fellowship NYU Hospital for Joint Diseases, New York, NY

Orthopaedics Spine Research Fellowship NYU Hospital for Joint Diseases, New York, NY

Internships

Intern in Surgery NYU Langone Medical Center, New York, NY

Intern in Surgery CEMIC Medical School, Buenos Aires, Argentina

Education

Medical School CEMIC Medical School, Buenos Aires, Argentina

Hospital-Clinical Affiliations:

NYU Hospital for Joint Diseases

Bellevue Medical Center

Hudson Spine & Pain Management

Licensure and Certifications

2004 Argentine Medical Boards

2007 ECFMG certificate

2013 New York State License

2014 Illinois State License

2015 New Jersey State License

Awards and Honors

NYU Hospital for Joint Diseases

2014 Reicher Best Study Basic Science Research Award, NYU Hospital for Joint Diseases

2014 Guest Editor, Bulletin of the New York University Hospital for Joint Diseases: A Journal of Orthopaedics, Rheumatology and Related Disciplines

2010 Reicher Best Study Basic Science Research Award, NYU Hospital for Joint Diseases

2008 Nominated for Best Paper at the 23rd NASS (*North American Spine Society*)

2007 Best Paper Nominee: Whitecloud Award for Best study at IMAST
(*International Meeting of Advanced Spine Techniques*)

CEMIC Medical School

2004 Honors Diploma
1998 Full Merit Scholarship

Major Committee Assignments

2002-2004 Medical Students of CEMIC Committee, Buenos Aires, Argentina
2005 Campaign against HIV Committee, Tucuman, Argentina
2011-2014 Quality Improvement Committee, NYU Hospital for Joint Diseases

Memberships, Offices and Committee Assignments in Professional Societies

2008-present American Academy of Orthopaedic Surgeons
2008-present SAS-ISASS (International Society for the Advancement of Spine Surgery)
2008-present NASS North American Spine Society

Editorial Positions

Editor for Medical Science Monitor (International Medical Journal for Experimental and Clinical Research)
Guest Editor, Bulletin of the New York University Hospital for Joint Diseases: A Journal of Orthopaedics, Rheumatology and Related Disciplines

Major Research Interests

1. Minimally invasive spine surgery
2. Basic Science and Spine surgery
3. Total Disc Replacements
4. Scoliosis and Sagittal Imbalance

Patents

2004 Quirno, M. Spinal measuring device and distractor US 8414592 B2. Filing 2004. Publication, 04/2013

Peer Reviewed Publications

1. **Quirno M**, Campbell KA, Singh B, Hasan S, Jazrawi L, Kummer F, Strauss EJ., Distal femoral varus osteotomy for unloading valgus knee malalignment: a biomechanical analysis. *Knee Surg Sports Traumatol Arthrosc.* 2015 Apr 17
2. Cuellar JM, Yoo A, Tovar N, Coelho PG, Jimbo R, Vandeweghe S, Kirsch T, **Quirno M**, Errico TJ. The effects of Amicar and TXA on lumbar spine fusion in an animal model. *Spine (Phila Pa 1976).* 2014 Sep 1;39(19):E1132-7.
3. Campbell KA, Minashima T, Zhang Y, Hadley S, Lee YJ, Giovinazzo J, **Quirno M**, Kirsch T Annexin A6 interacts with p65 and stimulates NF- κ B activity and catabolic events in articular chondrocytes.. *Arthritis Rheum.* 2013 Dec;65(12):3120-9. doi: 10.1002/art.38182.

4. Campbell, K A, **Quirno, M**; Day, M S; Strauss, E. Preventing venous thromboembolism in major orthopaedic surgery 2013 May-June 2013;24(3):312-320, Current orthopaedic practice 2013, vol: 24, page: 312, stat: Journal Article
5. **Quirno M**, Kamerlink JR, Goldstein JA, Spivak JM, Bendo JA, Errico TJ. Outcomes analysis of anterior-posterior fusion for low grade isthmic spondylolisthesis. Bull NYU Hosp Jt Dis. 2011; 69(4):316-9.
6. Nayyar S, **Quirno M**, Hasan S, Rybak L, Meislin RJ. Rupture of the Distal Biceps Tendon Combined with a Supinator Muscle Tear in a 51-Year-Old Woman: A Case Report. Case Rep Radiol. 2011: 515912. Epub Aug 22.
7. **Quirno M**, Goldstein JA, Bendo JA, Kim Y, Spivak JM. The Incidence of Potential Candidates for Total Disc Replacement Among Lumbar and Cervical Fusion Patient Populations. Asian Spine J. 2011 Dec; 5(4):213-9.
8. Stieber J, **Quirno M**, Kang M, Valdevit A, Errico TJ. The facet joint loading profile of a cervical intervertebral disc replacement incorporating a novel saddle-shaped articulation. J Spinal Disord Tech. 2011 Oct; 24 (7):432-6.
9. Spivak JM, Kummer F, **Quirno M**, Kamerlink J. Intervertebral Foramen Size and Volume Changes in Low Grade, Low Dysplasia Isthmic Spondylolisthesis. Spine 2010 Sep 15; 35(20):1829-35.
10. Park J, **Quirno M**, Goldstein J, Errico TJ, Bendo J, Spivak JM. Analysis of Segmental Cervical Spine Vertebral Motion following Prodisc-C Cervical Disc Replacement. Spine 2010 Apr 15; 35(8):E285-9.
11. Kamerlink J, **Quirno M**, Auerbach J, Milby A, Dean L, Dryer J, Errico TJ, Lonner BS. Hospital Cost Analysis of Adolescent Idiopathic Scoliosis Correction Surgery in 125 Consecutive Cases. J Bone Joint Surg Am. 2010 May; 92(5):1097-104.
12. Slover J, Bosco J, Haas J, **Quirno M**. Cost analysis for infectious screening of High Risk Orthopaedic Surgeons. J Arthroplasty. 2011 Apr; 26(3):360-5. Epub 2010 May 10.
13. **Quirno M**, Kamerlink JR, Valdevit A, Kang M, Yaszay B, Duncan N, Boachie-Adjei O, Lonner BS, Errico TJ. Biomechanical analysis of a disc prosthesis distal to a scoliosis model. Spine 2009 Jun 15; 34(14):1470-5.
14. Errico TJ, Kamerlink J, **Quirno M**, Samani J, Chomiak R. Survivorship of coflex Interlaminar-Interspinous Implant. SAS Journal. June 2009 Volume 3, Issue 2, Pages 59-67.
15. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy utilizing CT and MRI. Spine 2009 Nov 1; 34(23):E833-40.
16. Peng C, **Quirno M**, Goldstein J, Levine D, Errico TJ, Bendo J, Spivak JM. Effect of Intervertebral Disk Height on Post-operative Motion Following Prodisc-C Cervical Disk Replacement. Spine 2009 Jul; 9(7):551-5.

17. Yaszay B, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Effect of Intervertebral Disk Height on Post-operative Motion Following ProdiscTM Lumbar Disk Replacement. *Spine*. March 1st, 2008, Volume 33, Issue 5, 508-514.
18. Bendo J, **Quirno M**, Goldstein J, Spivak JM, Errico TJ. A Comparison of Two Different Retroperitoneal Surgical Approaches for Disc Arthroplasty of the Lumbar Spine. *Spine*. January 15th. 2007. Volume 33, Number 2, pp 205–209.
19. Levin D, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Charge analysis of Lumbar Disc Arthroplasty versus 360 degree Lumbar Fusion. *Spine*. December 1st 2007. Volume 32, Number 25, pp 2905–2909
20. Bendo J, **Quirno M**, Pelham F, Awad J. Vacuum Assisted Dressing in the Draining Spine Wound. *WSJ*. Dec 2007;2(4):187-190
21. Sharan A, Tang S, **Quirno M**, Vashisht D, Errico TJ. An Analysis of Collagen Cross Linking via Nonenzymatic Glycation in the Intervertebral Disc. *The Spine Journal* Volume 7, Issue 5, Supplement 1, September 2007, pp 99S-101S.

Reviews, Books and Book Chapters

1. Errico TJ, **Quirno M**. Degenerative Spondylolisthesis. *Surgical Management of Spinal Deformity*. Thomas Errico, Baron Lonner, Andrew Moulton. Elsevier. Chapter 21, Elsevier, 2009. pp 343-350.
2. **Quirno M**, Kamerlink J, Errico TJ. Surgical Treatment of Recurrent Disc Herniations – Traditional Surgery vs. New Technologies. *Spine Concepts 2007*. I. Hovorka, J.P. Farcy. Sauramps Medical: 75006 Paris; September 2007. pp. 295-298

Abstracts and Other Proceedings

1. **Quirno M**, Campbell K, Cuellar J, Yoo A, Yang Y, Errico T, Kirsch T. The Effect of Prophylactic Local Spinal Steroid Delivery in a Spinal Cord Injury Model. Scientific paper, to be presented at the Scoliosis Research Society Annual Meeting, 2013.
2. **Quirno M**, Cuellar J, Yoo A, Campbell K, Kirsch T, Errico T. The Effect of Prophylactic Epidural Steroids in a Spinal Cord Injury Model. Scientific paper, presented at The Annual Scientific Program and Sir Robert Jones Lecture, 2012.
3. **Quirno M**, Hadley S, Minashima T, Giovinazzo J, Campbell K, Egol K, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Bone Fracture Healing. Presented at The Annual Scientific Program and Sir Robert Jones Lecture, 2012.
4. **Quirno M**, Campbell K, Hall G, Khatib O, Mayo M, Hasan S, Jazrawi LM, Strauss E. Biomechanical Analysis of Lateral Compartment Unloading with Distal Femoral Varus Osteotomy. Poster exhibit, presented at the Arthroscopy Association of North America Annual Meeting, 2012.

5. Cuellar J, **Quirno M**, Campbell K, Yoo A, Yang Y, Kirsch T, Errico T. The Effect of Prophylactic Epidural Steroids in a Spinal Cord Injury Model. Scientific paper, presented at the International Society for the Advancement of Spine Surgery, 2012.
6. Campbell K, Minashima T, Hadley S, **Quirno M**, Lee YJ, Kirsch T. Annexin A6 Accelerates Osteoarthritis Progression by Stimulating NF- κ B Activity. Scientific paper and poster exhibit, presented at the Orthopaedic Research Society Annual Meeting, 2012.
 - a. Finalist for New Investigator Recognition Award
7. **Quirno M**, Hadley S, Minashima T, Giovinazzo J, Campbell K, Egol K, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Bone Fracture Healing. Poster exhibit, presented at the Orthopaedic Research Society Annual Meeting, 2012.
8. Minashima T, Campbell K, Zhang Y, **Quirno M**, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Osteoarthritis. Poster exhibit, presented at the Orthopaedic Research Society Annual Meeting, 2012.
9. **Quirno M**, Campbell K, Yoo A, Errico T, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Spine Fusion. Scientific paper, presented at the American Academy of Orthopaedic Surgery Annual Meeting, 2012.
10. **Quirno M**, Campbell K, Yoo A, Yang Y, Errico T, Kirsch T. The Effect of Prophylactic Intrathecal Steroids in a Spinal Cord Injury Model. Scientific paper, presented at the American Academy of Orthopaedic Surgery Annual Meeting, 2012.
11. **Quirno M**, Hadley S, Minashima T, Giovinazzo J, Campbell K, Egol K, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Bone Fracture Healing. Presented at the American Academy of Orthopaedic Surgery Annual Meeting, 2012.
12. Campbell K, Hadley S, Minashima T, **Quirno M**, Kirsch T. The Role of the Progressive Ankylosis Protein (ANK) in Osteoarthritis. Poster exhibit, presented at the Osteoarthritis Research Society International (OARSI) World Congress, 2011.
13. Spivak JM, **Quirno M**, Kamerlink J. Intervertebral Foramen Size and Volume Changes in Relation to Isthmic Spondylolisthesis. North American Spine Society, 2009.
14. Slover J, Bosco J, Haas J, **Quirno M**. Cost Analysis for Infectious Screening of High Risk Orthopaedic Surgeons. AAOS 77 (American Academy of Orthopaedic Surgeons), 2010.
15. Kamerlink J, **Quirno M**, Auerbach J, Milby AM, Dean L, Dryer JW, Errico TJ, Lonner BS. Hospital Cost Analysis of Adolescent Idiopathic Scoliosis Correction Surgery in 125 Consecutive Cases. AAOS (American Academy of Orthopaedic Surgeons), 2009.

16. Spivak JM, **Quirno M**, Kamerlink J. Intervertebral Foramen Size and Volume Changes in Relation to Isthmic Spondylolisthesis. AAOS (American Academy of Orthopaedic Surgeons), 2009.
17. **Quirno M**, Valdevit A, Errico TJ, Effects of a Saddle Joint Prosthesis on Cervical Facet Joint Loading. ORS (Orthopaedic Research Society), 2009.
18. Paulino C, **Quirno M**, Spivak JM, Shanti N. Analysis of Anatomical Variation of Lumbar Plexus in relation to the Psoas Muscle. SRS (Scoliosis Research Society), AAOS (American Academy of Orthopaedic Surgeons), 2009.
19. Peng CW, **Quirno M**, Goldstein J, Levine D, Errico TJ, Bendo J, Spivak JM. Effect of Intervertebral Disk Height on Post-operative Motion Following Prodisc-C Cervical Disk Replacement. AOA (*American Orthopaedic Association*), 2008, podium presentation.
20. Peng CW, **Quirno M**, Goldstein J, Levine D, Errico TJ, Bendo J, Spivak JM. Effect of Intervertebral Disk Height on Post-operative Motion Following Prodisc-C Cervical Disk Replacement. APSAS 4 (*Asian Pacific SAS*) Podium presentation.
21. Peng CW, **Quirno M**, Goldstein J, Levine D, Errico TJ, Bendo J, Spivak JM. Effect of Intervertebral Disk Height on Post-operative Motion Following Prodisc-C Cervical Disk Replacement. SAS 8 (*Spine Arthroplasty Society*), 2008.
22. Paulino C, Grande D, **Quirno M**, Lonner BS, Errico TJ. The Effects of Transforming Growth Factor β -1 on Aggrecan Synthesis and Cellular Proliferation on Intervertebral Disk Cells In-Vitro. 54th ORS (*Orthopaedic Research Society*).
23. Paulino C. Grande D. **Quirno M**. Lonner BS. Errico TJ, Evaluation of Growth Factor Release Kinetics of 3 Different Polymer Scaffolds 54th ORS (*Orthopaedic Research Society*).
24. Sasso R, Miz G, Theofilos C, Tibbs R, **Quirno M**, Errico TJ. Prospective, randomized trial of Lumbar Metal on Metal Total Disc Replacement: initial treatment of degenerative disc disease. APSAS 4 (*Asian Pacific SAS*) podium presentation
25. Sasso R, Miz G, Theofilos C, Tibbs R, **Quirno M**, Errico TJ. Prospective, randomized trial of Lumbar Metal on Metal Total Disc Replacement: initial treatment of degenerative disc disease SAS 8 (*Spine Arthroplasty Society*) 2008.
26. Sasso R, Miz G, Theofilos C, Tibbs R, **Quirno M**, Errico TJ. Prospective, randomized trial of Lumbar Metal on Metal Total Disc Replacement: initial treatment of degenerative disc disease. NASS 23rd (North American Spine Society).
27. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. AOA 121 (*American Orthopaedic Association*) 2008 poster presentation.
28. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. SRS 43rd (Scoliosis Research Society).
29. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. NASS 23rd (North American Spine Society).

30. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. SAS 8 (*Spine Arthroplasty Society*) 2008.
31. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. Spineweek 2008.
32. Stieber J, **Quirno M**, Cunningham M, Bendo J. The reliability of surgeon grading of lumbar facet arthropathy for TDR utilizing CT and MRI. IMAST 15th (International Meeting for Advanced Spine Techniques).
33. **Quirno M**, Cunningham M, Goldstein J, Errico TJ, Bendo J, Spivak JM. Effect of Cervical Disk Replacement on Segmental Range of Motion AOA 121 (*American Orthopaedic Association*) 2008 poster presentation.
34. **Quirno M**, Cunningham M, Goldstein J, Errico TJ, Bendo J, Spivak JM. Effect of Cervical Disk Replacement on Segmental Range of Motion. SAS 8 (*Spine Arthroplasty Society*) 2008.
35. **Quirno M**, Cunningham M, Goldstein J, Errico TJ, Bendo J, Spivak JM. Effect of Cervical Disk Replacement on Segmental Range of Motion. Spineweek 2008.
36. Paulino C, **Quirno M**, Spivak JM. Analysis of Anatomical Variation of Lumbar Plexus in relation to the Psoas Muscle. SAS 8 (*Spine Arthroplasty Society*) 2008
37. Paulino C, **Quirno M**, Spivak JM. Analysis of Anatomical Variation of Lumbar Plexus in relation to the Psoas Muscle. Spineweek 2008.
38. Paulino C, **Quirno M**, Spivak JM. Analysis of Anatomical Variation of Lumbar Plexus in relation to the Psoas Muscle. SRS 43rd (Scoliosis Research Society).
39. Errico TJ, **Quirno M**, Kamerlink J. Long-term clinical outcomes of Coflex™ dynamic stabilization device. SAS 8 (*Spine Arthroplasty Society*) 2008.
40. Errico TJ, **Quirno M**, Kamerlink J. Long-term clinical outcomes of Coflex™ dynamic stabilization device. IMAST 15th (International Meeting for Advanced Spine Techniques).
41. Errico TJ, **Quirno M**, Kamerlink J. Long-term device related issues of Coflex™ dynamic stabilization device. SAS 8 (*Spine Arthroplasty Society*) 2008.
42. Errico TJ, **Quirno M**, Kamerlink J. Long-term device related issues of Coflex™ dynamic stabilization device. IMAST 15th (International Meeting for Advanced Spine Techniques).
43. **Quirno M**, Park J, Goldstein J, Errico TJ, Bendo J, Spivak JM. Analysis of Segmental Range of Motion after Cervical Total Disc Replacement. AOA 121 (*American Orthopaedic Association*) 2008 podium presentation.
44. **Quirno M**, Park J, Goldstein J, Errico TJ, Bendo J, Spivak JM. Analysis of Segmental Range of Motion after Cervical Total Disc Replacement. SAS 8 (*Spine Arthroplasty Society*) 2008.
45. **Quirno M**, Park J, Goldstein J, Errico TJ, Bendo J, Spivak JM. Analysis of Segmental Range of Motion after Cervical Total Disc Replacement. Spineweek 2008.

46. **Quirno M**, Kamerlink J, Auerbach J, Errico TJ, Lonner BS. Charge Analysis of Adolescent Idiopathic Scoliosis Correction Surgery in 122 Consecutive Cases. SRS 43rd (Scoliosis Research Society) 2008.
47. **Quirno M**, Kamerlink J, Auerbach J, Errico TJ, Lonner BS. Charge Analysis of Adolescent Idiopathic Scoliosis Correction Surgery in 122 Consecutive Cases. AAOS 76th (American Academy of Orthopaedic Surgeons) 2008.
48. **Quirno M**, Kamerlink J, Auerbach J, Errico TJ, Lonner BS. Charge Analysis of Adolescent Idiopathic Scoliosis Correction Surgery in 122 Consecutive Cases. NASS 23rd (North American Spine Society).
49. Spivak JM, **Quirno M**, Kamerlink J. Intervertebral Foramen Size and Volume Changes in Relation to Isthmic Spondylolisthesis. SRS 43rd (Scoliosis Research Society).
50. **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. A Comparison of Two Different Retroperitoneal Surgical Approaches for Disc Arthroplasty of the Lumbar Spine. NASS 22 (North American Spine Society) 2007, poster presentation.
51. Levin D, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Charge analysis of Lumbar Disk Replacement versus 360 degree lumbar fusion. SAS 7 (Spine Arthroplasty Society 7) 2007, poster presentation.
52. Levin D, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Charge analysis of Lumbar Disk Replacement versus 360 degree lumbar fusion. World Spine Society IV conference 2007, podium presentation.
53. Sharan A, Tang S, **Quirno M**, Errico TJ, Vashishth D. An Analysis of Collagen Cross Linking via Nonenzymatic Glycation in the Intervertebral Disc. SAS 7 (Spine Arthroplasty Society) 2007, podium presentation.
54. Sharan A, Tang S, **Quirno M**, Errico TJ, Vashishth D. An Analysis of Collagen Cross Linking via Nonenzymatic Glycation in the Intervertebral Disc. AOA 120 (American Orthopaedic Association) 2007, poster presentation.
55. Sharan A, Tang S, **Quirno M**, Errico TJ, Vashishth D. An Analysis of Collagen Cross Linking via Nonenzymatic Glycation in the Intervertebral Disc. NASS 22 (North American Spine Society) 2007, poster presentation.
56. Spivak JM, **Quirno M**, Bendo J, Goldstein J. The Incidence of Potential Candidates for Total Disc Replacement among Lumbar and Cervical Fusion Patient Populations. SAS 7 (Spine Arthroplasty Society) 2007, poster presentation.
57. Yaszay B, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Effect of Placement of Lumbar Disc Prosthesis on Post-operative Motion and Clinical Outcome. SAS 7 (Spine Arthroplasty Society) 2007, podium presentation.
58. Yaszay B, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Effect of Intervertebral Disk Height on Post-operative Motion Following ProdiscTM Lumbar Disk Replacement. SAS 7 (Spine Arthroplasty Society 7) 2007, poster presentation.

59. Yaszay B, **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. Effect of Intervertebral Disk Height on Post-operative Motion Following ProdiscTM Lumbar Disk Replacement. World Spine Society IV conference 2007, poster presentation.
60. Stieber J, **Quirno M**, Valdevit A, Kang M, Errico TJ. Determination of the cervical facet joint loading profile of the CerviCore intervertebral disc replacement. IMAST 14 (*International Meeting of Advanced Spine Techniques*) 2007, podium presentation, nominated for the Whitecloud Award for the best abstract in the conference.
61. Stieber J, **Quirno M**, Valdevit A, Kang M, Errico TJ. Determination of the cervical facet joint loading profile of the CerviCore® intervertebral disc replacement. SAS 7 (*Spine Arthroplasty Society 7*) 2007, poster presentation.
62. Stieber J, **Quirno M**, Valdevit A, Kang M, Errico TJ. Determination of the cervical facet joint loading profile of the CerviCore® intervertebral disc replacement. World Spine Society IV conference 2007, podium presentation.
63. Stieber J, **Quirno M**, Valdevit A, Kang M, Errico TJ. Determination of the cervical facet joint loading profile of the CerviCore® intervertebral disc replacement. 54th ORS (*Orthopaedic Research Society 2007*), poster presentation.
64. **Quirno M**, Errico TJ. Long fusions to the Sacrum, a surgical technique comparison. IMAST 14 (*International Meeting of Advanced Spine Techniques*) 2007, podium presentation.
65. Yaszay B, **Quirno M**, Valdevit A, Kang M, Errico TJ, Lonner BS. Biomechanical analysis of a disc prosthesis distal to a scoliosis model. IMAST 14 (*International Meeting of Advanced Spine Techniques*) 2007, poster presentation.
66. Yaszay B, **Quirno M**, Valdevit A, Kang M, Errico TJ, Lonner BS. Biomechanical analysis of a disc prosthesis distal to a scoliosis model. AOA 121 (*American Orthopaedic Association*), podium presentation.
67. Yaszay B, **Quirno M**, Valdevit A, Kang M, Errico TJ, Lonner BS. Biomechanical analysis of a disc prosthesis distal to a scoliosis model. APSAS 4 (*Asian Pacific SAS*) Podium presentation.
68. Moskovich R, **Quirno M**. Implantable Bone Growth Stimulation to Augment Uninstrumented Lumbar Arthrodesis in Degenerative Spondylolisthesis with Spinal Stenosis. IMAST 14 (*International Meeting of Advanced Spine Techniques*) 2007, podium presentation.
69. **Quirno M**, Errico TJ, Bloom N, Spivak JM, Goldstein J, Bendo J, Nalbandian M. Midline vs. Paramedian Vascular Approaches to the Lumbar Spine. PVSS (*Peripheral Vascular Surgery Society*) 2007, podium presentation.
70. **Quirno M**, Bendo J, Goldstein J, Spivak JM, Errico TJ. A Comparison of Two Different Retroperitoneal Surgical Approaches for Disc Arthroplasty of the Lumbar Spine. SAS 6 (*Spine Arthroplasty Society*) 2006, podium presentation.