

CURRICULUM VITAE OF JEAN-JACQUES ABITBOL, M.D.

OFFICE ADDRESS: *California Spine Group*
7625 Mesa College Drive, Ste 315
San Diego, California 92123

Phone: (858) 874-2306
FAX: (858) 874-2356

PREVIOUS EMPLOYMENT:

2000-Current	California Spine Group, President 5395 Ruffin Road, Suite 102 San Diego, California 92123
1999-2000	Clinical Professor Chief, Spinal Disorders Department of Orthopaedic Surgery University of California, San Diego 350 Dickinson Street, Suite 121 San Diego, California 92103-8894
1992-1999	Orthopaedic Surgeon Long Island Spine Specialists, P.C. 2171 Jericho Turnpike, Suite 304 Commack, New York 11725
1988-1992	Assistant Professor Department of Orthopaedic Surgery University of California, San Diego

EDUCATION:

M.D. 1982	University of Ottawa Ontario, Canada
Internship 1982-1983	Orthopaedic Surgery McGill University Montreal, Canada
Residency 1983-1987	Orthopaedic Surgery McGill University Montreal, Canada
Fellowship 1987-1988	Spine Mt. Sinai and Toronto General Hospital University of Toronto John Kostuik, M.D.

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LICENSURE:

Arizona	#21801 (not active)
California	#G55587
New York	#188864 (not active)
Nevada	# 61817
Idaho	#M-12642
Florida	#708336

DEA LICENSE: #B1567410

BOARD CERTIFICATION:

American Board of Orthopaedic Surgery
July 1990

Fellow - Royal College of Surgeons - Orthopaedics
February 1988

License of The Medical Council of Canada
Diplomate of the National Board of Medical Examiners
August 1983

NATIONAL COMMITTEES:

North American Spine Society

2005-2006	President
1999-2003	Medical Education Director Member, Board of Directors
1999-2000	Chairman, Industrial Liaison Committee
1999	Scientific Research Committee
1998	Chairman, Program Committee
1997-2000	Chairman, Operative Coding Committee
1996-1999	Program Committee
1996	Chairman, CPT/Nomenclature Committee

Spine Committee, Scripps Hospitals

2013-Present	Member
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Spine Education & Research Center of the North American Spine Society

2005-Present	Medical Director
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CerviCore

2004-2012	National Lead Investigator
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Cervical Spine Research Society

2013-Current	Awards Committee
1999-2001	Chairman, Exhibits Committee
1998-2000	Member, Board of Directors
1996	Chairman, Scientific Program
1995-1997	Program Committee

Federation of Spine Association

1999-2000	President
1997-2000	Executive Committee

American Board of Orthopedic Surgeons

2001-2012	Examiner, Oral Boards
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Research Grants

1993	Orthopedic Research Society Young Investigator Award for The Award of Prevention of Post Laminectomy Scar Foundation Principle Investigator - \$50,000 grant
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UCSD COMMITTEES:

1989-Present	Continuing Medical Education Committee
1999-2000	Operating Room Committee
1999-2000	Patient Care Committee
1990-1992	Infection Control Committee National Faculty of Core Content, Review of Family Medicine Howard Hughes Committee Ethics Committee
1989-1992	Staging Form Subcommittee of Cancer Committee Cancer Committee
1989-1991	Recruitment and Admissions Committee, UCSD Medical School
1988-1990	Utilization Review Committee

HUNTINGTON HOSPITAL COMMITTEES:

Strategic Planning Committee
Integrated Critical Care Committee
Infection Control Committee

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ST JOHN'S EPISCOPAL HOSPITAL COMMITTEES:

Allied Health Committee

ACADEMIC POSITIONS:

1999-2000	Clinical Professor and Chief Spinal Disorders University of California, San Diego
1993-1999	Spine Study Group Founder Long Island, New York
April 1, 1996- 1988-1992	Clinical Instructor Assistant Professor of Orthopaedic Surgery University of California, San Diego
1987-1988	Clinical Instructor Mount Sinai and Toronto General Hospital Toronto, Canada

HOSPITAL AFFILIATIONS:

2014-Present	Chief of Spine Surgery Scripps Mercy Hospital San Diego, California
1999-Present	Attending Orthopaedic Surgeon Scripps La Jolla La Jolla, California
1999-Present	Attending Orthopaedic Surgeon Scripps Mercy Hospital San Diego, California
1999-2006	Attending Orthopaedic Surgeon Donald N. Sharp Memorial Hospital San Diego, California
1992-1999	Attending Orthopaedic Surgeon St. John's Episcopal Hospital Smithtown, New York

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1992-1999	Attending Orthopaedic Surgeon Huntington Hospital Huntington, New York
1999-2000	Attending Orthopaedic Surgeon Thornton Hospital La Jolla, California
1999-2000	Attending Orthopaedic Surgeon University of California, San Diego Medical Center San Diego, California
1988-1992	Attending Orthopaedic Surgeon Veterans Administration Hospital La Jolla, California
1988-1992	Attending Orthopaedic Surgeon University of California, San Diego Medical Center San Diego, California

HONORS/AWARDS:

2018	North American Spine Society Past Presidents Award
1993	North American Spine Society AcroMed Award for Outstanding Spine Research
1993	Young Investigator Award Orthopaedic Research Society
1992	AME Traveling Fellowship Award
1990	North American Spine Society AcroMed Award for Outstanding Spine Research
1989	Cervical Spine Research Society Award for Outstanding Research
1987	Eugene Rogalo Award - Best Resident Research McGill University
1982	Medical School: Cum Laude

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1978 Undergraduate BS: Magna Cum Laude

PROFESSIONAL SOCIETIES:

America Orthopedic Association

American Association of Neurological Surgeons

American Medical Association

Cervical Spine Research Society

Federation of Spine Association

Fellow of the American Academy of Orthopaedic Surgeons

Fellow of the Royal College of Physicians and Surgeons - Canada

International Society for the Study of the Lumbar Spine

North American Spine Society

Western Orthopaedic Association

San Diego County Medical Society

California Medical Association

California Orthopedic Association

COURSES AND LECTURES PERFORMED:

December 2014	AO International Spine Meeting Davos, Switzerland
November 2014	Brussels International Spine Symposium Brussels, Belgium
November 2014	First Annual Value and Health Care Forum New York, New York

CURRICULUM VITAE OF JEAN-JACQUES ABITBOL, M.D.

June 2014	World Congress for Minimally Invasive Spine Surgery Paris, France
Aug 2019	The 4th Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (ISMISS), and Indonesian Spine Society (ISS) - NASSISMISS 2019, Jakarta, Indonesia.
June 2019	16th State of Spine Surgery Aruba.
May 2019	7th ACMISST and 19th KOMISS 2019 international symposium Seoul, Korea
April- May 2019	Bali
March 2019	3rd Annual Spine Symposium Beirut, Lebanon.
Jan-Feb 2019	The 22nd Annual Selby Spine Conference Park City, Utah
Feb 2019	18th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, Nevada
March 2019	Disorders of the Spine and Peripheral Nerves, 2019 DSPN Spine Summit, Miami, Florida
Dec 2018	Chicago
Oct 2018	Globus Medical, Audoban, PA
Sept 2018	North American Spine Society Los Angeles
Sep 2018	The 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (ISMISS), and Indonesian Spine Society (ISS) - NASSISMISS 2018 Jakarta, Indonesia

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June 2018	Spain
June 2018	Annual State of Spine Think Tank Aruba
May 2018	NASS Global Spine Congress: Techniques in Complex Spine Surgery. Singapore
Feb 2018	4th Arab spine meeting Muscat Oman
Feb 2018	Qatar International Spine Conference, Doha, Qatar
Feb 2018	Annual Selby Spine Conference Park City Utah
Jan 2018	Boca Roton, Florida
Nov 2017	Brussels, Belgium
Sep 2017	The 2nd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (ISMIS), and Indonesian Spine Society (ISS) - NASSISMIS 2017). Jakarta, Indonesia
June 2017	14th Annual State of the Spine – Think Tank Los Cabos, Mexico
May 2017	18th annual Dubai international spine conference.
Feb 2017	NASS 13th Annual Evidence & Technology Spine Summit Canyons, Park City, UT
October 2016	NuVasive Spine Summit San Diego
Sept 2016	Minimally Invasive Spine Surgery Surabaya, Indonesia.
Sept 2016	Simposio Avanzado AOSpine Transcongreso AMCICO Querétaro, Mexico

CURRICULUM VITAE OF JEAN-JACQUES ABITBOL, M.D.

June 2016	13th Annual Meeting of the Spine Technology And Educational Group Los Cabos, Mexico
May 2016	Castevli spine Florida
April 2016	NASS Dubai Program
Feb 2016	15th Annual Symposium on Current Concepts in Spinal Disorders
October 2015	SimpósioAvançado AOSpine: Doença Osteometabólica, Porto Alegre, Brazil
June 2015	12th Annual Meeting of the Spine Technology And Educational Group Los Cabos, Mexico
May 2015	Emerging techniques (globus medical)
June 2014	State of Spine Surgery; A Think Tank Los Cabos, Mexico
April 2014	Current Solutions in Spine Surgery Duck Keys, Florida
February 2014	10 th Annual Evidence and Technology Spine Summit Canyons, Utah
January 2014	Selby Spine Meeting Park City, Utah
November 2013	Spine Surgery; State of the Art Techniques; AAOS Chicago, Illinois
November 2013	Brussels International Spine Symposium Brussels, Belgium
April-May 2013	Current Solutions in Spine Surgery Duck Keys, Florida
March 2013	Update in Spine Surgery; AAOS

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	Chicago, Illinois
February 2013	9 th Annual Evidence and Technology Spine Summit Canyons, Utah
January 2013	Selby Spine Meeting Park City, Utah
December 2012	AO Spine Meeting Davos, Switzerland
November 2012	Brussels International Spine Symposium, Co-Chairman Brussels, Belgium
September 2012	University of South Florida Tampa, Florida
June 2012	Novel Regenerative Strategies Finland
March 2012	Contemporary Techniques in Minimally Invasive Cervical and Lumbar Spine Surgery St. Louis University St. Louis, MS
February 2012	8 th Annual Evidence and Technology Spine Summit Park City, UT
February 2012	Cedar Sinai Las Vegas, NV
November 2011	Spine Symposium Brussels, Germany
November 2011	NASS Chicago, IL
April 2011	SAS Las Vegas, NV
April 2011	Paris, France
March 2011	Current Solutions in Spine Surgery Duck Keys, FL

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March 2011	Global Spine Congress Barcelona, Spain
February 2011	(FORE) 7 th Annual Evidence and Technology Spine Summit Deer Valley, UT
November 2010	Spine Symposium Brussels, Germany
October 2010	North American Spine Society 25th Annual Meeting Orlando, FL
July 2010	Parris, France
June 2010	7th Asia Pacific Spine Symposium Australia
April 2010	SAS 10 New Orleans, LS
April 2010	Duck Keys, FL Preservation of Motion of the Spine
January 2010	Evidence and Technology Steamboat Springs, CO
November 2009	Brussels, Germany
November 2009	NASS San Francisco, CA
October 2009	Poland
October 2009	C.A.B.O. Scottsdale, AZ
September 2009	Emerging Techniques in Spine Surgery Las Vegas, NV
August 2009	Joint Physical Medicine and Rehabilitation Anaheim, CA
July 2009	Spine Across the Sea Hawaii

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April 2009	London, England
April 2009	11 th Stryker Spine International Symposium Spain
April 2009	Japan
February 2009	Steamboat Springs, CO
January 2009	Concepts in Spinal Disorders, Cedars Sinai Las Vegas, NV
November 2008	International Spine Symposium Brussels, Belgium
November 2008	DSSG Chicago, IL
October 2008	NASS Toronto, Canada
June 2008	AOSPINE – North American Strategy Summit
May 2008	K2M – BSA Washington D.C.
November 2007	Brussels, Belgium
July 2007	World Spine Turkey
July 2007	IMAST Paradise Islands, Bahamas
June 2007	Lumbar Spine Study Group Washington
April 2007	Berlin, Germany
February 2007	3 rd Annual Emerging Technologies in Spine Colorado
January 2007	19 th Annual Disorder of the Spine Whistler, Canada

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January 2007	AO ASIF – Principles and Treatment of Spinal Disorders Redondo Beach, CA
December 2006	CSRS 34 th Annual Palm Beach, FL
September 2006	AO North American Spine Operating Room Course Universal City, CA
July 2006	NASS – Spine Across the Sea Maui, Hawaii
July 2006	IMAST – Advanced Spine Techniques Athens, Greece
June 2006	IMAST NASS – Spine Across the Sea Cabo San Lucas, Mexico
May 2006	SAS – Spine Arthroplasty Society Montreal, Canada
April 2006	Preservation of Motion of the Spine Duck Keys, FL
February 2006	Denver Spine Institute, Winter Conference 2006 Denver, CO
February 2006	Minimally Invasive Techniques for the Treatment for Lumbar Disorder St. Louis University, St. Louis Missouri
January 2006	Emerging Technologies in Spine Education Telluride, CO
December 2005	Cervical Spine Research Society San Diego, CA
November 2005	ISSLS – Non-Fusion Technologies in Cervical Spine Surgery Brussels, Belgium
November 2005	AOSpine India
November 2005	3 rd Trans-Atlantic Spine Meeting

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	Dallas, TX
November 2005	LSSG Charleston, SC
September 2005	NASS Meeting Philadelphia, PA
July 2005	NASS Rio de Janeiro, Brazil
July 2005	Spine Tech Meeting Cabo San Lucas, Mexico
June 2005	Global Spine San Francisco, CA
May 2005	NASS Brazil
February 2005	AO ASIF – Advanced Concepts in Spinal Disorders Sun Valley, ID
October 2004	NASS – Annual Meeting Chicago, IL
June 2004	LSSG Summer Meeting Washington D.C.
May 2004	NASS Symposium Vienna, Austria
March 2004	AAOS Annual Meeting San Francisco, CA
March 2004	Surgical Approach and Techniques for the Lumbar Spine Chicago, IL
February 2004	Fundamentals Course Memphis, TN
November 2003	Minimal Access Spinal Technologies Denver, CO
October 2003	AAOS Fall Meeting

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	Texas
August 2003	World Spine II Chicago, IL
July 2003	Spine Across the Sea Maui, HI
May 2003	NASS – Minimally Invasive Spine Technologies Phoenix, AZ
April 2003	Spine Core Denver, CO
March 2003	NASS – Surgical Approach and Technique for the Lumbar Spine Dallas, TX
March 2002	Hands on Lumbar Course North American Spine Society
September 2001	Fundamental Principles and Techniques of Spinal Surgery Memphis, Tennessee
May 2000	Fundamental Principles and Techniques of Spinal Surgery Phoenix, Arizona
March 2000	Lumbar Spine Hands on Course North American Spine Society
May 1999	Fundamental Principles and Techniques of Spinal Surgery Phoenix, Arizona
October 1998	Scientific Program Chairman North American Spine Society
December 1996	Scientific Program Chairman Cervical Spine Research Society
February 1996	Physician Health Thyself San Diego, California
February 1995	Physician Health Thyself San Diego, California
November 1994	State of the Spine from A to Z

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	Puerto Rico
February 1994	Physician Health Thyself San Diego, California
November 1993	State of the Spine from A to Z Puerto Rico
February 1993	Physician Health Thyself San Diego, California
October 1992	San Diego Spine Symposium Annual Meeting San Diego, California
March 1992	Symposium on Low Back Pain: The Present and Future Tucson, Arizona
February 1992	Physician Health Thyself San Diego, California
February 1991	Physician Health Thyself San Diego, California
October 1990	Current Concepts an Advances University of California, San Diego
October 1990	Orthopaedic Update: Current Concepts and Advances San Diego, California
February 1990	Physician Health Thyself San Diego, California
1981	Histochemical and Ultrastructural Observations in Tissue Cultures of Bone. 37th Annual Meeting of the Canadian Orthopaedic Association. Montreal, Canada.

VISITING PROFESSORSHIP/GUEST LECTURER:

December 2014	AO International Spine Meeting Davos, Switzerland
May 2013	Guest Lecturer, Brazilian Spine Society Florianopolis, Brazil

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- December 2012 AO International Spine Meeting
Davos, Switzerland
- September 2012 Visiting Professor, University of South Florida
Tampa, Florida
- January 2002 Orthopedic Spine Society
Calcutta, India
- December 1998 Department of Orthopaedics
Electricity Hospital
Cairo, Egypt
- December 1998 Department of Orthopaedics
Pediatric Hospital
Alexandria, Egypt
- June 1998 “Advances in Spinal Instrumentation”
International Medical Society of Paraplegia
Iguacu Falls, Brazil
- June 1998 “Pseudoarthrosis, Thoracolumbar Fractures”
Department of Orthopaedics
University of Curitiba, Brazil
- June 1998 “Lumbar Fixation Techniques”
Department of Neurosurgery
Allegheny General Hospital
Pittsburgh, Pennsylvania
- April 1998 “Thoracolumbar Trauma. Spondylolisthesis”
Physician’s Assistant Program
Touro College
Dix Hills, New York
- August 1997 “Anterior Cervical Instrumentation”
International Neurotrauma Society
Seoul, Korea
- July 1997 “A History of the FDA”
Florida Spine Study Group
- May 1997 Department of Neurosurgery
University of South Florida

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- May 1997 “Minimally Invasive Spine Surgery”
Department of Neurosurgery
Allegheny General Hospital
Pittsburgh, Pennsylvania
- December 1992 “Management of Thoracolumbar Fractures”
New York Spine Symposium
New York, New York
- September 1991 Department of Orthopaedics
Columbia Presbyterian University
New York, New York

EDITORIAL REVIEWER:

- 1993-Present *Spine*
- 2000-2011 *The Spine Journal*
- 1990-1996 *Advances in Orthopaedic Surgery* (resigned)
- 1988-1992 *Journal of Orthopaedic Research* (resigned)

EDITORIAL BOARD:

- American Academy of Orthopaedic Surgeons
- Orthopaedic Knowledge Update - *Spine* 2001
- Orthopaedic Knowledge Update - *Spine* 1996

EDITORSHIP:

- Seminars in Spine Surgery
- Complications in Spine Surgery - Guest Editor
- OKU Spine – 2001

GUEST REVIEW ARTICLES:

Kyphoplasty, Vertebroplasty, Vertebral Augmentation Implant: Treatments for Spinal Compression Fractures

Surgery for Sciatica

6 Leading Causes of Sciatica

Lumbar Herniated Disc

How to Choose a Spine Surgeon

Exams and Tests for Sciatica

Patients' Rights and Informed Consent

What is an Orthopaedic Spine Surgeon?

Lumbar Back Sprains: Diagnostic Steps

Lumbar Back Sprains and Strains

Lumbar Back Sprains: Treatment and Prevention

Spine Specialists On-Call: Complex Cervical Spine Surgery and Anesthesia - Considerations Before and During Surgery

Orthopaedic Spine Surgeon Education and Training

Strength Training Safety for Kids

Strength Training for Kids

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RESEARCH:

1. Histochemical and Ultrastructural Observations in Tissue Culture of Bone. Lady Davis Institute, McGill University, Montreal, Canada, 1982 - 1984.
2. Evaluation of Didronel Therapy in Patients with Paget's Disease of Bone. Jewish General Hospital, McGill University, Montreal, Canada.
3. 24 Hour Whole Body Retention Scanning in Paget's Disease of Bone. Jewish General Hospital, McGill University, Montreal, Canada, 1985 - 1986.
4. Nerve Injury After Hip Surgery. McGill University, Montreal, Canada.
5. Prevention of Epidural Scarring (Rabbit Model). University of California, San Diego, U.S.A., 1988 - present.
6. Cauda Equina and Cord Injury - (Pig Model). University of California, San Diego, U.S.A., 1989 - present.
7. Sacral Screw Fixation in Humans - A Biomechanical and Anatomical Study in Human Cadavers. University of California, San Diego, U.S.A., 1989-present.
8. Study of Epidural Scar Prevention (Dog Model). University of California, San Diego, U.S.A., 1989 - present.
9. Biomechanical Comparisons of Cervical Plate Fixation Systems, 1992.
10. Nanotechnology and Bioactive Surfaces, 2012-Current.

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EXHIBITS:

1. GD Carlson, JB Massie, JJ Abitbol, MR Swenson, RR Myers BL Rydevik, SR Garfin: The Effects of Hypotension on Nerve Root Recovery Following Acute Graded Compression. Orthopaedic Research Society 37th Annual Meeting. Anaheim, California, March 4 - 7, 1991.
2. C Laverania, R Lyon, JJ Abitbol: Economic Implications of Prosthetic Selection in Hemiarthroplasty of the Hip. American Academy of Orthopaedic Surgeons Fifty-Eighth Annual Meeting. Anaheim, California, March 7 - 12, 1991.
3. GD Carlson, JJ Abitbol, DR Anderson, MH Krag, JP Kostuik, SLY Woo, SR Garfin: Screw Fixation in the Human Sacrum. An in Vitro Study of the Biomechanics of Fixation. International Society for the Study of the Lumbar Spine Meeting. Heidelberg, Germany, May 12-16, 1991.
4. GD Carlson, JJ Abitbol, DR Anderson, JJ Krag, JP Kostuik, SLY Woo, SR Garfin: Screw Fixation in the Human Sacrum: An in Vitro Study of the Biomechanics of Fixation. Canadian Orthopaedic Association 46th Annual Convention and Canadian Orthopaedic Research Society 25th Annual Meeting. Calgary, Alberta, June 2 - 6, 1991.
5. S Smith, JJ Abitbol, D Anderson, G Carlson, K Taggart, S Garfin: The Effects of Depth of Penetration, Screw Orientation and Bone Density on Sacral Screw Fixation. International Society for the Study of the Lumbar Spine, 19th Annual Meeting. Chicago, Illinois, May 20 - 24, 1992.
6. TA Zdeblick, JJ Abitbol, SR Garfin, D Kunz, R McCabe, ME Cooke: Cervical Stability Following Sequential Capsule Resection; Cervical Spine Research Society 20th Annual Meeting. Palm Desert, California. December 3-5, 1992.
7. TL Lincoln, B Lind, JJ Abitbol, D Amiel, WH Akeson, SR Garfin: Preventing Post Laminectomy Adhesion: A New Experimental Mode. 20th Annual Meeting International Society for the Study of the Lumbar Spine, Marseilles, France, June 15-19, 1993.
8. JB Massie, JJ Chiu, JJ Abitbol, SR Garfin: Collagen Membrane as an Agent Used in the Prevention of Post Laminectomy Epidural and Nerve Root Scar Formation. Orthopaedic Research Society. 44th Annual Meeting, New Orleans, LA, March 16-19, 1998.

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ARTICLES PUBLISHED:

1. P Widden, JJ Abitbol: Seasonality of Trichoderma Species in a Spruce-Forest Soil. *Mycologia*, LXXII, 4:775-784, July-August 1980.
2. A Jadjipavlou, L Begin, JJ Abitbol: Observation Morphologiques, Histochimiques et Ultrastructurales sur des Cultures Cellulaires in Vitro d'os Pagetiue et Normal. *Union Med. Can.* 1986. 115(10): 746-750.
3. JJ Abitbol, MJ Botte, SR Garfin, WH Akeson: The Treatment of Multiple Myeloma of the Cervical Spine with a Halo Vest. *Journal of Spinal Disorders* 2(4): 263-267, 1989.
4. JJ Abitbol, SR Garfin: Surgical Management of Cervical Disc Disease: Anterior Cervical Fusion. *Seminars in Spine Surgery*, 1(4):233-237, December 1989.
5. JJ Abitbol, M Chamberlain: Surgery versus Radiation Therapy for Tumors of the Spine. *Seminars in Spine Surgery*, 2(1): 35-40, 1990.
6. JJ Abitbol, SR Garfin: Posterolateral Spinal Canal Decompression for Traumatic Injuries. *Seminars in Spine Surgery*, 2 (1) 35-40, 1990.
7. MC Chamberlain, JJ Abitbol, SR Garfin: Epidural Spinal Cord Compression: Treatment Options. *Seminars in Spine Surgery* 3(3): 203-209, 1990.
8. SR Garfin, MS Cohen, JB Massie, JJ Abitbol, MR Swenson, RR Myers, BL Rydevik: Nerve-Roots of the Cauda Equina: The Effect of Hypotension and Acute Graded Compression on Function. *Journal of Bone Joint Surgery*. 72-A(8): 1185-1192, 1990.
9. JC Steinmann, S Mirkovic, JJ Abitbol, JB Massie, P Subbaiah, SR Garfin: Radiographic Assessment of Sacral Screw Placement. *Journal of Spinal Disorders* 3(3): 232-237, 1990.
10. EJ Wall, MS Cohen, JJ Abitbol, SR Garfin: Organization of Intrathecal Nerve Roots at the Level of the Conus Medullaris. *Journal of Bone Joint Surgery* 72-A(10): 1495- 1499, 1990.
11. JJ Abitbol, D Gendron, CA Laurin, MA Bealieu: Gluteal Nerve Damage Following Total Hip Surgery. *Journal of Arthroplasty* 5(4): 319-322, 1990.
12. M Berchuck, SR Garfin, JJ Abitbol, RG Wilber: Vertebrectomy for Tumors and Infections in the Lumbar Spine. *Oper. Tech. Orthop.* 1(1): 97-150, 1991.

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13. JC Drummond, JJ Abitbol, TJ Sanford, SR Garfin: Transient Paraplegia During Posterior Cervical Osteotomy. *Anesthesiology* 74: 628-630, 1991.
14. MS Cohen, EJ Wall, CW Kerber, JJ Abitbol, SR Garfin: The Anatomy of the Cauda Equina on CT Scans and MRI. *Journal of Bone Joint Surgery*. 73-B(3): 381-384, 1991.
15. G Carlson, JJ Abitbol, SR Garfin: Prevention of Complications in Surgical Management of Back Pain and Sciatica. *Orthopaedic Clinics of North America*. 22(2): 345-351, 1991.
16. M Cohen, JJ Abitbol, SR Garfin: Principles of Spine Trauma Management. *Advances in Orthopaedic Surgery*. 14(6): 311- 317, 1991.
17. S Mirkovic, JJ Abitbol, J Steinman, CC Edwards, M Schaffler, J Massie, SR Garfin: Anatomic Consideration for Sacral Screw Placement. *Spine* 16(6): S289-S294, 1991.
18. JG Heller, GD Carlson, JJ Abitbol, SR Garfin: Anatomic Comparison of the Roy-Camille and Magerl Techniques for Screw Placement in the Lower Cervical Spine. *Spine* 16(10S): S552-S557, 1991. (Award for Outstanding Cervical Spine Research)
19. A Hadjipavlou, R Lisbona, D Garbuz, JJ Abitbol: Whole Body Retention of Tc-99m Phosphate in Paget's Disease of Bone. *Clin. Nucl. Med.* 16(6): 435-438, 1991.
20. L Cornacchia, JJ Abitbol, JG Heller, G Schneiderman, SR Garfin, L Marshall: Blunt Injuries to the Extracranial Cerebral Vessels Associated with Spine Fractures. *Spine* 16(10S): S506-S510, 1991.
21. RT Ballock, R Mackersie, JJ Abitbol, V Cervilla, D Resnick & SR Garfin: Can Burst Fractures Be Predicted From Plain Radiographs? *Brit. Journal of Bone Joint Surgery*. 74-B(1): 147-153, 1992.
22. GD Carlson, JJ Abitbol, DR Anderson, MH Krag, JP Kostuik, SL-Y Woo, SR Garfin: Screw Fixation in the Human Sacrum: An In Vitro Study of the Biomechanics of Fixation. *Spine* 17(6S): S196-203, 1992.
23. M Berchuck, SR Garfin, T Bauman, JJ Abitbol: Complications of Anterior Intervertebral Grafting. *Clinical Orthopaedics & Related Research*. (284):54-62, Nov 1992.
24. RM Chesnut, JJ Abitbol, SR Garfin: Surgical Management of Cervical Radiculopathy. Indication, Techniques, and Results. *Orthopaedic Clinics of North America*. 23(3):461-74, July 1992.
25. TA Zdeblick, KE Warden, D Zhou, PC McAfee, JJ Abitbol: Anterior Spinal Fixators. A Biomechanical In Vitro Study. *Spine*. 18(4):513-7, March 1993.

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26. TA Zdeblick, JJ Abitbol, DN Janz, RP McCabe, SR Garfin: Cervical Stability After Sequential Capsule Resection. *Spine*. 18(14):2005-8, Oct 1993.
27. JJ Abitbol, TL Lincoln, BI Lind, D Amiel, WH Akeson, SR Garfin: Preventing Postlaminectomy Adhesion. A New Experimental Model. *Spine*. 19(16):1809-14, Aug 1994.
28. S Ozanne, HN Herkowitz, SR Garfin, JJ Abitbol, LT Kurz: Edwards' Modular Spinal System: Design and Use in Traumatic and Reconstructive Spine Surgery. *Seminars in Spine Surgery*. 4(3): 152-174, 1992.
29. SA Smith, JJ Abitbol, GD Carlson, Dr Anderson, KW Taggart, SR Garfin: The Effects of Depth of Penetration, Screw Orientation and Bone Density on Sacral Screw Fixation. *Spine*: 7(18): 1006-1010, 1993.
30. JJ Abitbol, L Marshall: Posterolateral Spinal Canal 25. Decompression for Traumatic Injuries. *Spine*: 7(2): 241-248, 1993.
31. RM Chesnut, JJ Abitbol, M Chamberlain, LF Marshall: Vertebral Collapse with Quadriplegia Due to Metastatic Glioblastoma Multiforme: Case Report and Review of the Literature. *Journal Neuro-Oncology* 16: 135-140, 1993.
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