



FABIEN DAVID BITAN, M.D.

SPINE SURGEON

New York City

- *Assistant Professor of Orthopedic Surgery (Albert Einstein College of Medicine)*
- **Chief of Spine Services at Lenox Hill Hospital, New York City**

AREAS OF EXPERTISE

- **Total Disc Replacement and Other Motion Preservation Technologies**
- **Scoliosis, and Other Spinal Deformities (Children and adults)**
- **Endoscopic Spinal Surgery**
- **Degenerative Spine (Lumbar and Cervical)**
- **Kyphoplasty for Vertebral Compression Fractures**

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Dr. Fabien D. Bitan is an **ORTHOPEDIC SPINE SURGEON** in private practice I Manhattan. He is the director of Spine Surgery services at Lenox Hill Hospital. Dr Bitan was trained in Paris, France where he gained his Medical Degree and his Board Certification in Orthopedic Surgery.

His orthopedic training was right away strongly oriented towards spinal surgery. One of the marking moments of his training years was the twelve months he spent at the "Institut Calot" in Berk-sur-mer in the North of France. The "Institut Calot" is one of the most prominent centers for the treatment of spinal deformities (**SCOLIOSIS AND KYPHOSIS**) in Europe. Dr Cotrel has been the chief surgeon of this institution where he designed the "Cotrel-Dubousset Instrumentation" in the mid-eighties. Dr Bitan had the utmost privilege of being in training in these early years and acquired extensive experience and skills in the use of this revolutionary technique way before it became wide spread in the entire orthopedic world. (Nowadays, this technique is recognized throughout the world as one of the most influential breakthrough in spinal surgery over the last decades). Dr Bitan, enriched by a personal experience of more than a thousand surgical cases is recognized in France as one of the experts in spinal instrumentation, especially in Scoliosis and Kyphosis.

Since his residency Dr Bitan has also been familiarized with **ARTIFICIAL DISC REPLACEMENT** technology (Charite Disc), which at this time was only used in France in one institution (Hopital Beaujon, Clichy, France).

Dr Bitan practiced spine surgery at the Hospital for Sick Children in Paris, France from 1989 to 1996. He specialized in Spine Deformities on pediatric and adult patients.

After ten years of combined academic and private practice in France, he came to New York where he decided to settle. Dr Bitan successfully completed two fellowships - one at the Hospital for Special Surgery in New York (Pediatric Orthopedic Department) and the second at Beth Israel Medical Center (Spine Institute). He received his Board certification from the American Association of Physician Specialists. His activity is shared between direct patient care and clinical research. His clinical field is exclusively Spinal Surgery including spinal deformities and various spine diseases. He has been the principal investigator for the FDA trial for Artificial Disc procedure and the only surgeon in the whole North East designated to use this technology for over four years until the FDA approved this technology in 2004.

Dr Bitan's department became one of the most experienced centers in the country using this technology. Since approval in 10/2004, he has participated in surgeons training in Cincinnati, OH every month. By offering treatment for the most difficult cases using the most modern technologies, his center intends to gradually reverse the flux of patients flying to Europe to have their surgery done and left without proper medical follow-up when back to the US.

Dr Bitan also embraced new **MINIMALLY INVASIVE TECHNOLOGIES** perceiving the importance of these new techniques in patients' recovery. . He has become a tutor for other surgeons to adopt these innovative methods. The use of minimally invasive techniques in Spine Surgery requires extensive training and efforts. Today Dr Bitan uses MIS for most of his spinal fusions. He is the editor on a book on Minimally Invasive techniques due in December 2006.

He organizes and supervised research projects in the field of Scoliosis, Artificial Discs, Minimally Invasive Spinal Surgery and Treatment of **OSTEOPOROTIC SPINAL FRACTURES** using **KYPHOPLASTY**.

Medical and Scientific Societies memberships:

Scoliosis research Society,

North American Spine Society

The Spine Arthroplasty Society

The New York Academy of Science

The American Back Society

The American Association of Physician
Specialists

Association of French Speaking Physician

The International Spinal Deformity Study
Group

American College of Spine Surgery

Argos International

Société Française de Chirurgie Rachidienne

CURRICULUM VITAE

MEDICAL SCHOOL:

Paris University

M.D. 1985

Medical Thesis: Results of the surgical treatment of 235 cases of lumbar spinal stenosis. *Paris 1985.*

LICENSURE:

- France 1985
- US New York State License 07 29 1998 (License number: 211398)
- E.C.F.M.G. Graduate 1995

BOARD CERTIFICATIONS:

1989 - French board of orthopedic surgery certification

2000 – U.S. Board Certification in Orthopedic Surgery (A.A.P.S.) (Certification Number: 00-119) 09-12-2000

POSTGRADUATE TRAINING:

Residency (Assistance Publique Hopitaux de Paris)

Institut Calot (Berk sur Mer) (Pediatric Orthopedics)

ACADEMIC APPOINTMENTS

Hopital Beaujon (Paris)

Hopital des Enfants Malades Pediatric Orthopedics

PRIVATE PRACTICE

1990-1996

“Clinique Saint Leonard” (ANGERS, FRANCE)
(Private Orthopedic Institute)

U.S. FELLOWSHIPS

1996-1997

Pediatric Orthopedics Fellowship Hospital for Special Surgery, New-York

1997-1998

Spine Surgery Fellowship Beth Israel Medical Center, New York

TEACHING ACTIVITIES

1986-1990 Chef de clinique-Assistant

Teaching position taking place at the same time as the Fellowship and including teaching of medical students and residents

1986-1991 Conference Hippocrate

Private teaching position sponsored by the Pharmaceutical Company (SERVIER). I have been the official teacher of this company for the orthopedic part of the National Examination to gain access to residency programs.

Since 2002 Minimally Invasive Spinal Surgery: Cadaver Lab. training of Neurosurgeons and Spine Surgeons

October 2002 and 2003:

Pedicle Screw Fixation of the Thoracic Spine, Didactic and Workshop. CME
Credit Certified Courses. Crown Plaza Hotel Secaucus, NJ

Starting Sept. 2004

Director of the *New York Disc Replacement Training Center*

June 19 2004 Artificial Discs Technology. Training of the sale force. Depuy Spine

Lake Georges, New York

Since October 2004: Faculty of the training sessions on artificial discs (Ethicon Lab in Cincinnati)

2004: Member of the Global Patients Network www.globalpatientnetwork.com

2006 Lumbar Artificial Disc – Advanced Clinical Expertise – DePuy Spine

Faculty: Fabien D. Bitan, MD; Paul C. McAfee, MD

The 13th International Meeting on Advanced Spine Techniques

July 12-15, 2006 Athens, Greece

2006: Surgical Options for Degenerative L5/S1 surgery – DePuy Spine

Faculty: Todd J. Albert, MD; Greg Anderson, MD; Fabien D. Bitan, MD

The 13th International Meeting on Advanced Spine Techniques

July 12-15, 2006 Athens, Greece

2006: Concurrent Session 10: Innovative Methods

Moderator: Fabien D. Bitan, MD & Dieter Adelt, MD

The 13th International Meeting on Advanced Spine Techniques

July 12-15, 2006 Athens, Greece

BASIC SCIENCE & CLINICAL RESEARCH:

- 1984** Effects of Electromagnetic Fields on Bone Consolidation (Rat model):
Fabien Bitan, Pr L. Sedel (Paris)
- 1985** Experimental Study of Axonal Growth:
Fabien Bitan, Pr L. Sedel (Paris)
- 1985** Graduate in Experimental Microsurgery:
Pr Banzet (Paris)
- 1986** Effects of the Chari pelvic osteotomy on the acetabular development in young dogs.
Fabien Bitan, Dr Morin, Dr Duriez (Berk sur Mer)
- 1996** Osteoblasts Cultures and evaluation of an original in vitro production of bone graft.
Fabien Bitan , Dr Antonietti, E. Lopez, G. Gutteriez (Paris, Lyon)
- 1999** Principal Investigator of the U.S. trial on Disc Replacements
New York Site
- 2001** Associate Investigator of the US trial on the Use of Bone Morphogenic Protein (BMP) in Posterolateral spinal fusion
- 2003** Evaluation by the Lumbar Motion Monitor of Endoscopic versus open Spinal Fusions
- 2003** Principal Investigator: US of the US trial on Dynesis dynamic instrumentation system
- 2003** Member of the Spinal Deformity Study Group (sub-groups: Adolescent Idiopathic Scoliosis, Adult deformities, Spondylolisthesis)
- 2004** Evaluation by the Lumbar Motion Monitor of Disc replacements versus fusions
- 2004** Principal investigator: Role of Kyphoplasty in cancer patients. A prospective Study (in collaboration with the Radiation Therapy Department of Beth Israel Medical Center)
- 2005** Associate Investigator: cervical Disc replacement Surgery (Prestige)
- 2005** Member of the National Orthopedic Surgery Marketing Consultants and Advisory Board Meeting Focus on Bleeding Reduction, Transfusion Avoidance, and Risk Management Strategies in the Setting of Orthopedic Reconstructive Surgery (Bayer)

BIBLIOGRAPHY: Peer Reviewed Publications

Greene D, Neuwirth M, **Bitan F**. **The Eggshell Procedure for prevention of Cement leakage During Kyphoplasty.** *Journal of Spinal Disorders & Techniques.* 20(3):229-32, 2007 May.

Gumbs AA. Bloom ND. **Bitan FD.** Hanan SH. **Open anterior approaches for lumbar spine procedures.** [Journal Article] *American Journal of Surgery.* 194(1):98-102, 2007 Jul.

Neil Arif Tayyab, MD; Marjorie M Mariller, M.D., MPH; Michael Rivlin, BA; **Fabien D Bitan, M.D.**; Andrew M Casden, M.D.; Paul Kuflik, M.D., FAAOS; Michael G Neuwirth, M.D. **Efficacy Of Aprotinin As a Blood Conservation Technique For Adult Deformity Spinal Surgery: A Retrospective Study.** Submitted to Spine

chan Roonprapunt, M.D.; Marjorie M Mariller, M.D. M.P.H.; Michael Rivlin, BA; Catherine N Petchprapa, M.D.; Kevin Math, M.D.; Fabien D Bitan, M.D.; Andrew M Casden, M.D.; Paul Kuflik, M.D.; Michael G Neuwirth, M.D. **Fusion Rates of Patients Treated with rhBMP-2 (Infuse) in Primary Multilevel Posterolateral Lumbar Fusion Surgery** Submitted to Journal of Spinal Disorders and Techniques

McAfee P. Bertagnoli R, **Bitan F**. **Long-term Results of Lumbar arthroplasty.** In Roundtables in Spine Surgery, Vol.1 Number 4; 2006

Ulkatan S., Neuwirth M., **Bitan F.**, Minardi C., Kokoszka A., Deletis V. **Monitoring of scoliosis surgery with epidurally recorded motor evoked potentials (D waves) revealed false positive results.** *Clinical Neurophysiology.* 117(9):2093-101, 2006 Sep.

Kokoszka A, Kuflik P, **Bitan F**, Casden A, and Neuwirth M: **Evidence-Based Review of the Role of Aprotinin in Blood Conservation During Orthopaedic Surgery** *J Bone Joint Surg Am.* 2005;87:1129-1136

Bitan F. Veliskakis K. Campbell B. **Differences in the Risser grading systems in the United States and France.** *Clin. Orthop.* 190-198, 2005

Greene, D. Neuwirth, M. **Bitan, F.** **Evaluation of scoliosis information on the Internet.** *Submitted to J. Spinal Disorders on 04/06*

Bitan F. **Aprotinin in Spine Surgery: Review of the Litterature** *Orthopedics* 27 (6 Suppl.) 2004

Odent T. Arlet V. Ouellet J. **Bitan F.** **Kyphectomy in myelomeningocele with a modified Dunn-McCarthy technique followed by an anterior inlayed strut graft.** *Europeen Spine Journal.* 13 (3): 206-12, 2004

Bitan FD. Neuwirth MG. Kuflik PL. Casden A. Bloom N. Siddiqui S. **The use of short and rigid anterior instrumentation in the treatment of idiopathic thoracolumbar scoliosis: a retrospective review of 24 cases.** [Journal Article] *Spine.* 27(14):1553-7, 2002 Jul 15.

Widmann RF. Laplaza FJ. **Bitan** FD. Brooks CE. Root L. **Quality of life in osteogenesis imperfecta**. [Journal Article] *International Orthopaedics*. 26(1):3-6, 2002.

Margulies JY. Thampi SP. **Bitan** FD. Cora DC. **Practical biomechanical considerations for spine implant testing**. [Review] [66 refs] [Journal Article. Review. Review, Tutorial] *Chirurgia Narzadow Ruchu i Ortopedia Polska*. 64(3):347-64, 1999.

Widmann RF. **Bitan** FD. Laplaza FJ. Burke SW. DiMaio MF. Schneider R. **Spinal deformity, pulmonary compromise, and quality of life in osteogenesis imperfecta**. [Journal Article] *Spine*. 24(16):1673-8, 1999 Aug 15. 1992-1998

J. Cohen , K.S.Lee, G. Henry, Michael G. Neuwirth, P.L. Kuflik, A.M. Casden, **Bitan** FD. **Intra operative arterial line artifact associated with SSEP's and Motor Evoked Potentials**. *Am. J. END Technol*. 39:165-172, 1999

Bitan F. Mallet J. Rey JC. [adult sequelae in Osgood schlatter disease] *Ann.Orthop. Ouest* 1992, 24, 69-71.

Bitan F. Rigault P. Houfani B. Sidi D. Padovani JP. Merckx J. Durand Y. [Scoliosis and congenital heart diseases in children. Apropos of 44 cases]. [French] [Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 77(3):179-88, 1991.

Bitan F. Padovani JP. Glorion C. Rigault P. Touzet P. Finidori G. [High grade spondylolisthesis in children and adolescents. Results of reduction-arthrodesis with front plates]. [French] [Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 76(6):425-36, 1990.

Bitan F. **Failures in the treatment of lumbar spinal stenosis**. *In: Symposium « Canal Lombaire Etroit » S.O.F.C.O.T. Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur.1990.*

Bitan F. **Complications in lumbar spinal stenosis surgical treatment**. *In: Symposium « Canal Lombaire Etroit » S.O.F.C.O.T. Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur.1990.*

Bitan F. Duriez J. Egozcue R. Flautre B. Morel G. Morin C. [Effects of Chiari osteotomy on acetabular development in the growing subject. Experimental study in puppies]. [French] [Journal Article] *International Orthopaedics*. 13(3):167-72, 1989.

Deburge A. **Bitan** F. Lassale B. Vaquin G. [Cauda equina syndrome caused by migration of a fat graft after laminoarthrectomy]. [French] [Case Reports. Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 74(7):677-8, 1988.

Lassale B. **Bitan** F. Bex M. Deburge A. [Functional results and prognostic factors in the surgical treatment of degenerative lumbar stenosis]. [French] [Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 74 Suppl 2:85-8, 1988.

Bitan F. [Therapeutic indications in sciatica]. [French] [Case Reports. Journal Article] *Soins. Chirurgie*. (86):29-32, 1988 Apr.

Deburge A. Bex M. Lassale B. **Bitan** F. [Surgical technique in the treatment of stenosis of the lumbar canal]. [French] [Journal Article] *Acta Orthopaedica Belgica*. 53(3):412-9, 1987.

Lassale B. **Bitan** F. Deburge A. [The value of technical studies in degenerative lumbar stenosis]. [French] [Journal Article] *Acta Orthopaedica Belgica*. 53(3):388-93, 1987.

Bitan F. Rigault P. Padovani JP. Finidori G. Touzet P. [Congenital pseudarthrosis of the tibia and fibula in children. Results of the treatment of 18 cases with nails and bone grafts]. [French] [Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 73(7):552-60, 1987.

Bitan F. Bex M. Lassale B. Rocolle J. Deburge A. de La Caffiniere JY. [Success factors in posterolateral arthrodesis of the lumbosacral spine]. [French] [Journal Article] *Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur*. 70(6):465-71, 1984.

BIBLIOGRAPHY: Other Publications

- **Bitan F. Morin C. Morel G. A two year experience with C.D. instrumentation in a pediatric population.**
In « Cotrel Dubousset Instrumentation » Saurams Medical, 1986
- **Bitan F. Results of the surgical treatment of 235 cases of lumbar spinal stenosis.**
Medical Thesis, Paris 1985.
- **Bitan F. Treatment of Transient Hip Synovitis**
Encyclopedie Medico Chirurgicale, PARIS, n° 2006,1982
- **Bitan F. Sports and Vertebral Deformities**
Rachis, 1995 vol 7 n°6

BIBLIOGRAPHY: Textbooks Editorship and Chapters

Lemaire JP, Chiffolot X, **Bitan F**: **Total disc replacement. 10 Years follow-up**,
in: *Nonfusion techniques for the spine. Motion preservation and balance*. Maxwell J.H. Griffith
S.L. Welch W.C. *Quality Medical Publishing (QMP) 2006*

Bitan F. Neuwirth M. Bloom N. **Total Disc Replacement using the SB Charite Prosthesis**. In:
Surgical techniques of the Spine Thomas R. Haher Andrew Merola, Thieme, 2003

Yaron I, Neuwirth M, **Bitan F**: **Artificial disc replacement**
in: *Spine Secrets (Questions and Answers Reveal the secrets to successful Diagnosis and
treatment of spinal Disorders*. Devlin V.J. Hanley and Belfus 2003

Bitan F. **Osteogenesis Imperfecta Associated Spinal Disorders**
in: *Spine Surgery: Master Cases*, Ed: A. Vaccaro, T Albert
Thieme Publisher

Arlet V. **Bitan F**. **Revision Pediatric Spine Surgery: Success and Failures**
in: *Revision Spine Surgery*
Ed: Joseph Y. Margulies, Max Aebi, Jean-Pierre C. Farcy
Editions Mosby, Philadelphia, 1999, p: 439-465

Bitan F. **Revision Spinal Stenosis**
in: *Revision Spine Surgery*
Ed: Joseph Y. Margulies, Max Aebi, Jean-Pierre C. Farcy
Editions Mosby, Philadelphia, 1999, p: 415-423

Bitan F. Finidori G. Neuwirth M. **Scoliosis and Congenital Heart Disease**
In: *"Strategies in Non-idiopathic Scoliosis"*, Fabien D. Bitan, Editor
Spine- State of the Art Review- Vol. 12/Number 1, Jan 1998

Bitan F. Arlet V. **Strategic approaches to post-operative pediatric spinal deformities**.
In: *"Strategies in Non-idiopathic Scoliosis"*, Fabien D. Bitan, Editor
Spine- State of the Art Review- Vol. 12/Number 1, Jan 1998

Bitan F. Finidori G. **Treatment of Spinal Deformities in Osteogenesis Imperfecta**
In: *"Strategies in Non-Idiopathic Scoliosis"* , Fabien D. Bitan, Editor
Spine- State of the Art Review- Jan 1998

Bitan F. Editor. **Strategies in non-idiopathic scoliosis**.
Spine- State of the Art Review- Hanley and Belfus, Inc. Vol. 12 Number 1, Jan 1998

Bitan F. **Lumbosacral fusion in adult scoliosis**. in « *Adult L5-S1 Surgery* », Hanley and Belfus,
Inc. *State of the Art- Spine, Vol. 11, No1, 1997*

Margulies J. **Bitan F. Biomechanical Considerations in Failed Spines**
*in « Failed Spinal Surgery», John P. Kostuik, Editor, Hanley and Belfus, Inc.
State of the Art Reviews, Vol. 11, No 3, 1997*

Bitan F. Lumbar Spinal Stenosis : Pathology, Diagnosis and Treatment
*in « Failed Spinal Surgery», John P. Kostuik, Editor, Hanley and Belfus, Inc.
State of the Art Reviews, Vol. 11, No 3, 1997*

Bitan F. Editor. Program of the « Internat des Hopitaux De Paris ». *Orthopedic Textbook
Laboratoire Servier Paris 1985*

BIBLIOGRAPHY: Oral Communications and Posters

- **HYBRID CONSTRUCTS: PRELIMINARY RESULTS OF 19 SUBJECTS WITH CHARITE ARTIFICIAL DISC COMBINED WITH SPINAL FUSION IN MULTILEVEL L3 TO S1 DEGENERATIVE DISC DISEASE**

F. Bitan, J. Shearer, S. Hanan

Spine Arthroplasty Society, Berlin 2007

- **CHARITE ARTIFICIAL DISC. 5 YEAR US EXPERIENCE, 20 YEAR EUROPEEN EXPERIENCE. AN OVER VIEW**

F. BITAN

Visiting Professor Lecture, Pekin university third hospital, Beijing, China

July 2007

- **LUMBAR ARTHROPLASTY VS. ANTERIOR INTERBODY FUSION AT ONE-LEVEL CLINICAL RESULTS AT 5-YEAR FOLLOW-UP FROM THE IDE STUDY OF CHARITE ARTIFICIAL DISC** R.D. Guyer, P.C. McAfee, R.J. Banco, **F.D. Bitan**, A. Cappuccino, F.H. Geisler, S.H. Hochschuler, R.T. Holt, L.G. Jenis, M.E. Majd, B.B. Mullin, J.J. Regan, N.Y. Stadian, S.G. Tromanhauser, D.C. Wong, S.L. Blumenthal

Spine Arthroplasty Society, Berlin 2007

- **A LONG-TERM MULTI-CENTER RETROSPECTIVE STUDY OF 226 PATIENTS WITH THE CHARITE ARTIFICIAL DISC: MINIMUM 10-YEAR FOLLOW-UP**

Fabien Bitan, MD Thierry David, MD Jean-Philippe Lemaire, MD Pierre Moreno, MD

ISSLS 2006

Bergen, Norway June 13-16

- **LUMBAR ARTHROPLASTY VS ANTERIOR INTERBODY FUSION AT ONE LEVEL: CLINICAL RESULTS AT 5 YEAR FOLLOW-UP FROM THE IDE STUDY OF THE CHARITE ARTIFICIAL DISC**

Scott L. Blumenthal MD, Robert J. Banco MD, Fabien D. Bitan MD Andrew Cappuccino MD, Fred H. Geisler MD, Richard D. Guyer MD, Stephen H. Hochschuler MD, Richard T. Holt MD, Louis G. Jenis MD, Mohammad E. Majd MD, Paul C. McAfee MD, Bradford B. Mullin MD, John J. Regan MD, Noam Y. Stadlan MD, Scott G. Tromanhauser MD, Douglas C. Wong MD

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- **A LONG-TERM MULTI-CENTER RETROSPECTIVE STUDY OF 226 PATIENTS WITH THE CHARITE ARTIFICIAL DISC: MINIMUM 10-YEAR FOLLOW-UP**

Fabien Bitan, MD Thierry David, MD Jean-Philippe Lemaire, MD Pierre Moreno, MD

The 13th International Meeting on Advanced Spine Techniques
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- **A LONG-TERM MULTI-CENTER RETROSPECTIVE STUDY OF 226 PATIENTS WITH THE CHARITE ARTIFICIAL DISC: MINIMUM 10-YEAR FOLLOW-UP**

Poster presentation. North American Spine Society, *Seattle, Washington, 2006*

- **FUSION RATES OF PATIENTS TREATED WITH RHBMP-2 (INFUSE) IN PRIMARY MULTILEVEL POSTEROLATERAL LUMBAR FUSION SURGERY.**

Michael Rivlin, Marjorie Mariller, Chan Roonprapunt, Kevin Math, Catherine Petchprapa, Fabien Bitan, Andrew Casden, Michael Neuwirth, Paul Kuflik

- E-poster presentation at the 13th International Meeting on Advanced Spine Techniques (IMAST), Athens, Greece July 12-15, 2006.

Assigned Abstract ID: 402

- **SPINAL DEFORMITY SURGERY IN PATIENTS REFUSING BLOOD TRANSFUSION**

Krishn Sharma, Marjorie Mariller, Andrew Casden, Fabien Bitan, Paul Kuflik, Michael Neuwirth

E-poster presentation at the 13th International Meeting on Advanced Spine Techniques (IMAST), Athens, Greece July 12-15, 2006.
- **SPINAL DEFORMITY SURGERY IN PATIENTS REFUSING BLOOD TRANSFUSION**

Krishn Sharma, Marjorie Mariller, Andrew Casden, Fabien Bitan, Paul Kuflik, Michael Neuwirth

poster presentation at the SRS 2006 Annual Meeting, September 14*16, 2006, Monterey, California, USA.
- **HISTORY AND CURRENT STATUS OF ARTIFICIAL DISCS TECHNOLOGY IN THE US.**

American Academy of Neurosurgery New Orleans, April 2005
- **RESTORATION OF SPINAL BALANCE AFTER DISC ARTHROPLASTY.**

Spine Arthroplasty Society, New York 2005
- **RELIABILITY OF DISCOGRAPHY IN SELECTION OF PATIENTS FOR DISC ARTHROPLASTY.**

Spine Arthroplasty Society, New York 2005
- **LUMBAR MOTION MONITOR EVALUATION IN PATIENTS AFTER INTERVERTEBRAL DISC ARTHROPLASTY.** *Spine Arthroplasty Society, New York 2005*
- **SCOLIOSIS INFORMATION ON THE INTERNET** *Scoliosis Research Society, 2004*
- *Trans-Atlantic Spine Meeting: Results of the FDA study on Charite disc replacement, Basel Switzerland, 2004*
- *Trans-Atlantic Spine Meeting: Moderation live Spine Surgery from Texas, Basel Switzerland, 2004*
- *Artificial Disc. History Indications and technique. Eastern Orthopedic Society, Porto Rico, 2004*

- *Artificial Disc Replacement: SBCharite US FDA Study. Interspine, Cannes France 2004*
- *Use of endoscopic techniques for posterior spinal fusions in degenerative spine. Lenox Hill Hospital Monthly conference. New York 2004*
- *Radiographic parameters following total disc replacement and correlation to patient satisfaction measures at two years follow-up. A prospective study. Spine Arthroplasty Society 4 Vienna Austria, May 2004*
- *Correlation of discogram findings with surgical outcomes following Disc Replacement. Spine Arthroplasty Society 4 Vienna Austria, May 2004*
- *Inter-discal arthroplasty of the spine. Lenox Hill Hospital Monthly conference. New York 2004*
- *U.S. experience with the Charite Artificial Disc. Symposium on Artificial Discs, Societe Francaise de Chirurgie Orthopedique, November 7th 2001 Paris*
- *Artificial Disc Replacement, The first US FDA clinical Trial. Orthopedic Grand Round. April 2001. Beth Israel Medical Center*
- *Spinal cord tumors and spinal deformities. Paris Argos meeting. 2001*
- *Spinal Cord Tumors and Spinal Deformities. GICD Meeting, New York Dec 8-9 2001*
- *Spinal Deformity and Intramedullary tumor Surgery George Jallo MD, Karl Kothbauer MD, Fabien Bitan MD, Fred Epstein MD. The International Meeting for Pediatric Neurosurgery Istanbul October 3rd – 6th*
- *Spinal deformities in children with muscular dystrophy. Annual Meeting of the Parent Project for Muscular Dystrophy Pittsburgh, June 2000*
- *General Orthopedic treatment of Patients with Muscular Dystrophy, with special presentation of 1 year of activity at the MD evaluation center at Beth Israel Medical Center. Annual Meeting of the Parent Project for Muscular Dystrophy, UCLA, June 1999*

- Anterior spinal instrumentation in idiopathic thoracolumbar scoliosis. Current concept in the treatment of spinal disorders. *Chairman: Eric T. Jones , MD, Ph.D. Cancun, January 1999*
- "Scoliosis and Pulmonary Compromise in Osteogenesis Imperfecta". *Presented at the 1998 American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting, San Antonio, Texas, Sept. 16-19, 1998*
- "Quality of life in osteogenesis imperfecta: A preliminary report". *POSTER Exhibited at the Scoliosis Research Society New York, NY September 1998*
- "Quality of life in osteogenesis imperfecta: A preliminary report". *POSTER Exhibited at the American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting, San Antonio, Texas, Sept.16-19, 1998.*
- Technical aspects of transcranial electrical motor evoked potentials during spine surgery. *Presented at the 1998 meeting of the American Society of electroneuro diagnostic Technologists Spinal*
- Deformity, Pulmonary Compromise and Quality of Life in Osteogenesis Imperfecta. *Presentation at the 1998 Scoliosis Research Society Annual Meeting, New York, Sept. 1998.*
- The use of solid anterior instrumentation in the treatment of idiopathic thoracolumbar scoliosis. *Presented at the 1998 Scoliosis Research Society Annual Meeting, New York, Sept. 1998.*
- Quality of life in osteogenesis imperfecta: A preliminary report. *1998 Pediatric Orthopaedic Society Annual Meeting. Cleveland, OH, May*
- Teleconference on Respiratory functions and spine deformities in Osteogenesis imkperfecta. *Organized by the Osteogenesis Imperfecta Foundation and the Hospital for Special Surgery Sept 15 1997*

- Long term outcomes of osteogenesis imperfecta. Special reference with spinal deformities and respiratory impairment. *Hospital for special surgery, New York, 1997*
- Orthopedic management of muscular dystrophy. *The parent project, second annual meeting Pittsburgh, 1997*
- Spine deformities in osteochondrodysplasia. « bone dysplasia society », second meeting Versailles (Paris), 1995
- Surgical treatment of kyphosis. *G.K.T.S. la pommeraie Angers, 1994*
- Legg calve perthes disease. *Seminaire national d'enseignement paramedical de chirurgie orthopedique pediatrique Brest, 1993*
- Spine disorders in childhood. *Enseignement post universitaire de chirurgie orthopedique Angers, 1992*
- Adult sequellae of osgood schlatter disease. *Societe d'Orthopedie de l'ouest, Poitier, 1991*
- Sacrococcygeal tumors. surgical treatment. *VIIe journee du rachis Hopital Beaujon, 1990*
- Adult scoliosis. late complications and prognostic factors. *VIIe journee du rachis Hopital Beaujon, 1990*
- Thoracogenic scoliosis. *Reunions d'Orthopedie Pediatrique Hopital des Enfants Malades, Paris, 1990*
- Scoliosis and congenital heart diseases. *Reunions D'orthopedie Pediatrique Hopital Des Enfants Malades, Paris, 1990*
- Scoliosis and congenital heart diseases. *Societe Francaise De Chirurgie Pediatrique Marseille, 1989*
- Lumbar spinal stenosis. *Societe Francaise De Chirurgie Orthopedique Paris, 1989*

- The kapandji procedure in the treatment of distal radius fractures. *11e Cours De Chirurgie De La Main Hopital Bichat, 1989*
- Severe spondylolisthesis in adolescents. Reduction and fusion. *VIe Journee Du Rachis Hopital Beaujon, 1989*
- Failures of Surgical Treatment Of Lumbar Spinal Stenosis. *VIe journee du rachis Hopital Beaujon, 1989*
- Associated lumbar spinal stenosis and degenerative scoliosis. Indications of fusions. *VIe Journee Du Rachis Hopital Beaujon, 1989*
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