

**Part I: General Information**

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**Place of Birth:** Basel, Switzerland

**EDUCATION:**

1979-81 Bachelor of Science St. Lawrence University  
Canton, NY

1982-86 Doctor of Medicine New York Medical College  
Valhalla, NY

**POST DOCTORAL TRAINING:**

1986-87 Internship Nassau County Medical Center  
General Surgery East Meadow, NY

1987-88 Fellow Long Island Jewish Medical Center  
Neurosurgery/Spine New Hyde Park, NY

1989-89 Post Graduate Student Royal National Orthopaedic Hospital  
(1/89-3/89) Orthopaedic Surgery London, England

**POST DOCTORAL TRAINING, continued:**

1989-90	Resident General Surgery	Massachusetts General Hospital Boston, MA
1990-92	Resident Orthopaedic Surgery	Edouard-Samson Orthopaedic Training Program University of Montreal Montreal (Quebec), Canada
1992-94	Resident Orthopaedic Surgery	Harvard Combined Orthopaedic Residency Program Boston, MA
1994-94 (7/94-12/94)	Chief Resident Orthopaedic Trauma	Massachusetts General Hospital Boston, MA
1995-95 (1/95-5/95)	Assistant In Orthopaedic Surgery	Massachusetts General Hospital Boston, MA
1995-96	Spine Fellow pine Surgery	Emory University Atlanta, GA

#### **LICENSURE AND CERTIFICATION:**

1987	New York	#171953
1994	Massachusetts	#79694
1995	Georgia	#039902
1998	American Board of Orthopaedic Surgery Certification	
2008	American Board of Orthopaedic Surgery - Recertification	

#### **ACADEMIC APPOINTMENTS:**

1992-94	Clinical Fellow in Orthopaedic Surgery	Harvard Medical School Boston, MA
1996-	Instructor in Orthopaedic Surgery	Harvard Medical School Boston, MA

#### **HOSPITAL OR AFFILIATED INSTITUTION APPOINTMENTS:**

1995-96	Orthopaedic Staff	Cambridge Hospital Cambridge, MA
1996 -	Assistant In	Department of Orthopaedic Surgery Massachusetts General Hospital

Boston, MA

**HOSPITAL OR AFFILIATED INSTITUTION APPOINTMENTS, continued:**

1998-03	Co-Director	Orthopaedic Spine Center Department of Orthopaedic Surgery Massachusetts General Hospital Boston, MA
1999	Consulting Staff	Spine Surgery Center for Sarcomas and Connective Tissue Oncology Cancer Center Massachusetts General Hospital Boston, MA
1999-03	Chief	Orthopaedic Spine Service Department of Orthopaedic Surgery Massachusetts General Hospital Boston, MA
2002-	Consulting Staff	Spine Surgery Spaulding Rehabilitation Hospital Boston, MA

**HOSPITAL AND HEALTH CARE ORGANIZATION CLINICAL RESPONSIBILITIES:**

1996-00	Quality Assurance Representative, Department of Orthopaedic Surgery, Massachusetts General Hospital
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**MAJOR COMMITTEE ASSIGNMENTS: Affiliated Institutions**

1996-01	Patient Care Assessment Committee, Orthopaedic Representative, Massachusetts General Hospital
1997-00	Residency Selection Committee, Interviewer, Massachusetts General Hospital
1998-	Residency Core Curriculum Committee (Spine), Massachusetts General Hospital

**PROFESSIONAL SOCIETIES:**

1986	American Medical Association	Member
1986	Quebec Orthopaedic Association	Member
2002	North America Spine Society	Member
2004	American Academy of Orthopaedic Surgery	Fellow
2007	International College of Surgeons	Fellow

**PROFESSIONAL SOCIETIES, continued:**

2007	American Spinal Injury Association	Member
2007	International Society of Surgery	Member

**EDITORIAL BOARDS:**

1999	Editor	Spine Issue, <i>Current Opinion in Orthopaedics</i> (Vol 10, Issue 2)
2000	Editor	Spine Issue, <i>Current Opinion in Orthopaedics</i> (Vol 11, Issue 3)

**AWARDS AND HONORS:**

1992	Canadian Orthopaedic Residents Association Annual Meeting, McGill University, Montreal Quebec, Canada Research Paper Award: Unstable Intertrochanteric Fracture Of The Femur. A Prospective Randomised Study Comparing Anatomical Reduction and Medial Displacement Osteotomy
2006	Best Doctors: Orthopaedic Surgery, "Best of Boston Award," <i>Boston Magazine</i>
2007	Best Doctors: Orthopaedic Surgery, "Best of Boston Award," <i>Boston Magazine</i>

***Part II: Research, Teaching, and Clinical Contributions*****NARRATIVE REPORT:**

Dr. Pedlow is a Board Certified, fellowship-trained spine surgeon, specializing in the surgical treatment of disorders of the adult spine. He is a member of the Department of Orthopaedic Surgery at the Massachusetts General Hospital, where he served as Chief of the Spine Service from 1997-2002. He was director of the Spine Section for the CORE Orthopaedic Resident Education Program from 1998-2002. He was twice director of a national Resident and Fellow Education Course sponsored by Depuy Spine. Dr Pedlow is a member of the North American Spine Society, the American Medical Association, the Quebec Orthopaedic Association, the International College of Surgeons, the American Spinal Injury Association and the International Society of Surgery.

Dr. Pedlow's areas of interest lie in degenerative conditions of the cervical and lumbar spine, spinal tumors and trauma. He is a nationally recognized leader in the treatment of complex spinal disorders, including primary and metastatic tumors of the spine. He is co-founder and co-director of the Spine Tumor Service of the Department of Orthopaedic Surgery and he is a consultant for the Center for Sarcomas and Connective Tissue Oncology. His clinical work has helped develop the Massachusetts General Hospital's reputation as a center of excellence and a tertiary care referral center for Primary Tumors of the Spine. His clinical work and research has focused on the application of advanced surgical techniques in the treatment of primary and recurrent primary tumors of the spine, as well as the application of proton beam and intra-operative radiation therapy in the treatment of spine tumors.

**NARRATIVE REPORT, continued:**

Dr. Pedlow received his medical degree from New York Medical College in 1986. He completed his Residency in Orthopaedic Surgery in the Harvard Combined Orthopaedic Residency Program and served as Chief Resident in Orthopaedic Surgery at the Massachusetts General Hospital. He completed a Fellowship in Spinal Surgery at Emory University Spine Center in Atlanta, GA. He also completed a year of Neurosurgery training at the long Island Jewish Hospital in New York. He is Board Certified by the American Board of Orthopaedic Surgery, and is a Fellow in the American Academy of Orthopaedic Surgery. He is a Harvard Medical School faculty member and practices at both Massachusetts General and Newton-Wellesley Hospitals.

## **REPORT OF TEACHING:**

### **Local Contributions:**

<i>Years(s)</i>	<i>Role</i>	<i>Type of Students</i>
7/1994-12/94	Chief Resident in Orthopaedic Surgery, Massachusetts General Hospital	Residents/Medical Students

1996-	Member of the Orthopaedic Spine Service Clinical Faculty	Residents
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<i>Year(s)</i>	<i>Course</i>	<i>Role</i>	<i>Type of Students</i>
1997-02	Spine Section of Core Orthopaedic Resident Education Program	Director	Residents

2001	Spine Education Summit: DuPuy AcroMed, Inc.	Chair	Resident/Fellows
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2002	Spine Education Summit: DuPuy AcroMed, Inc.	Chair	Resident/Fellows
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2007	Harvard Physiatry Residency Program, Spaulding Rehabilitation Hospital	Presenter	Residents
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### **Regional, National, or International Contributions:**

*Lecturer unless noted otherwise*

<i>Year</i>	<i>Organization</i>	<i>Presentation(s)</i>
1991	Orthopaedic Resident Research Day, Orthopaedic Residency Program, University of Montreal, Montreal, Quebec	

**REGIONAL, NATIONAL, OR INTERNATIONAL CONTRIBUTIONS, continued:**

1992	Orthopaedic Resident Research Day, Orthopaedic Residency Program, University of Montreal, Montreal, Quebec	
1992	Canadian Orthopaedic Residents Association Annual Meeting: Unstable intertrochanteric fracture of the femur. A prospective randomised study comparing anatomical reduction and medial displacement osteotomy	
1997	Orthopaedic Grand Rounds Massachusetts General Hospital Boston, MA	Primary Tumors of the Spine
1998	Orthopaedic Grand Rounds Tufts – New England Medical Center Boston, MA	Primary Tumors of the Spine
1998	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
1999	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
1999	Advances in Orthopaedic Surgery - Trauma and Spine Surgery, Shanghai, China	Tumors of the Spine, Spine Trauma
2000	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2001	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2001	American Society of Orthopaedic Surgeons 68 <sup>th</sup> Annual Meeting, San Francisco, CA	Indications and Techniques of Anterior Cervical Decompression and Fusion
2001	American Society of Orthopaedic Surgeons, Instructional Course, Spine Surgery Update, Charleston, SC	Tumors of the Spine, Medical Management of Spinal Cord Injury

**REGIONAL, NATIONAL, OR INTERNATIONAL CONTRIBUTIONS, continued:**

2001	American Society of Orthopaedic Surgeons, Instructional Course Lecture, 68 <sup>th</sup> Annual Meeting San Francisco, CA	Indications and Techniques of Anterior Cervical Decompression and Fusion
2002	American Society of Orthopaedic Surgeons, Instructional Course Lecture, 69 <sup>th</sup> Annual Meeting San Francisco, CA	Indications and Techniques of Anterior Cervical Decompression and Fusion
2002	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2003	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2003	Bologna, Italy	Infections of the Spine, at Spine Tumor Surgery: What to do, What not to do
2003	American Society of Orthopaedic Surgeons, Instructional Course Lecture, 70 <sup>th</sup> Annual Meeting San Francisco, CA	Indications and Techniques of Anterior Cervical Decompression and Fusion
2004	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2004	American Society of Orthopaedic Surgeons, Instructional Course Lecture, 71 <sup>st</sup> Annual Meeting San Francisco, CA	Indications and Techniques of Anterior Cervical Decompression and Fusion
2005	Primary Care Orthopaedic Course, Boston, MA	Lumbar spine
2005	XIV Simposium Internacional Fraternidad Muprespa, Actualizaciones en Cirugia de la column Vertebral Madrid, Spain	Anterior Approach in the Treatment of Lumbar Fractures, Infections of the Spine

**REGIONAL, NATIONAL, OR INTERNATIONAL CONTRIBUTIONS, continued:**

2006 Primary Care Orthopaedic Course, Lumbar spine  
Boston, MA

**BIBLIOGRAPHY:**

**Original Articles:**

1. Desjardins AL, Roy A, Paiement G, **Pedlow FX**, Desloges D, Turcotte RE. Unstable intertrochanteric fracture of the femur J Bone Joint Surg B:1993;75B(No 3):445.
2. McKee M.D., **Pedlow FX**, Cheng P.J., Schemitsch EH. Fractures below the end of locking humeral nails: A report of three cases. J Ortho Trauma,1996; 10(No. 7):500-13.
3. Carlson JR, Heller JG, Mansfield FW, **Pedlow FX**. Traumatic open anterior lumbo-sacral fracture dislocator: A report of two of 2 cases: Spine 1999; Jan 15: 24 (2) 184-8.
4. **Pedlow FX**. Advances in the evaluation and management of spine tumors, Current Opinion in Orthopedics 1999; 10:91-92, Editorial Overview
5. Lewandrowski KU, Ozuna RM, **Pedlow FX**, Hecht AC. Advances in the biology of spinal fusion: growth factors and gene therapy, Current Opinion in Orthopedics 2000; 11:167-175
6. Kim DH, **Pedlow FX**. Advances in cervical spine instrumentation, Current Opinion in Orthopedics 2000; 11:158-166.
6. Delaney, TF, Chen, GT, Mauceri, TC, Munro, JJ, Hornicek, FJ, **Pedlow FX**, Suit, HD. Intraoperative Dural Irradiation by Customized 192 Iridium and 90 Yttrium Brachytherapy Plaques. Int. J Radiation Oncology Bil. Phys. Vol 57, 2003; No 1 pp 239-245,.
7. Lewandrowski KU, Hecht AC, Delaney TF, Chapman PA, Hornicek FJ, **Pedlow FX**. Anterior Spinal Arthrodesis with Structural Cortical Allografts and Instrumentation for Spine Tumor Surgery. Spine 15:29(10) 2004:1150-8.
8. Taitsman, L, Altman D, Hecht H, **Pedlow, F**. Complications of Cervico Halo-vest Orthoses in the Elderly. Accepted for publication, Orthopaedics, May 2008.

**Proceedings of Meetings:**

1. **Pedlow FX**, Desjardins AL, Roy A, Paiement G, Newman N. Unstable Intertrochanteric Fractures: A prospective study comparing anatomic reduction and medial displacement osteotomy. Annales de Chirurgie 1991;45 (No 9) Abstract.

**PROCEEDINGS OF MEETINGS, continued:**

2. Suit HD, Chen GT, Mauceri TC, Monro JJ, Hornicek FJ, **Pedlow FX**, DeLaney TF  
Irradiation of the Dura Intra-operatively by Customized <sup>90</sup>Y Plaques. Paper presented:  
Connective tissue Oncology Society Meeting, Palm Beach, FL, November 2001.
3. DeLaney TF, Chen GTY, Mauceri TC, Monro JJ, Hornicek FJ, **Pedlow FX**, Suit HD.  
Intraoperative dural brachytherapy by customized Iridium-192 and Yttrium-90 plaques.  
Abstract submitted: American Society for Therapeutic Radiology and Oncology Meeting  
2002.

### **Reviews, Chapters, and Editorials:**

1. Heller, JG, **Pedlow FX**. Tumors of the Spine In: Garfin SR, Vaccaro, AR Orthopaedic  
Knowledge Update – Spine, Rosemont, IL American Society of Orthopaedic Surgeons, 1997,  
235-56.
2. Heller JG, **Pedlow FX**. Anatomy of the Cervical Spine In: Clark CR, The Cervical Spine, 3<sup>rd</sup>  
Editor Philadelphia Lippincott-Raven, 1998, 3-36.
3. Berven S, **Pedlow FX**. A review of recent literature on the biomechanics of spinal  
instrumentation, Current Opinion in Orthopedics 1999, 10:142-147.
4. Scott DL, **Pedlow FX**, Hecht AC, Hornicek FJ. Primary and Benign Extradural Spine Tumors.  
In: Frymoyer JW The Adult and Pediatric Spine, 3<sup>rd</sup> Edition, Philadelphia Lippincott Williams  
and Wilkins 2004 191-246.
5. Hecht AC, Scott DL, Crichlow R, Hornicek FJ. **Pedlow FX**. Metastatic Disease In: Frymoyer  
JW The Adult and Pediatric Spine, 3<sup>rd</sup> Edition, Philadelphia Lippincott Williams and Wilkins  
2004 191-246.

### **Books, Monographs, and Textbooks:**

1. Siliski J, **Pedlow FX**. Total Knee Replacement For Post-Traumatic Arthritis In Traumatic  
Disorders of the Knee. Springer-Verlag 1994.