

# S. ROBERT ROZBRUCH, MD

## Curriculum Vitae

Date of preparation: October 11, 2011

### A. GENERAL INFORMATION

1. Name: S. Robert Rozbruch, MD  
2. Office address: Hospital for Special Surgery  
535 East 70<sup>th</sup> Street  
New York, New York 10021  
Tel: (212)606-1415  
Fax: (212)774-2744  
3. Home address: xxxxxxxxxxxxxxxxxxxxxxxx  
Telephone: xxxxxxxxxxxxxxxxxxxxxxxx  
4. Cell Phone: 917-509-6224  
5. Email: [RozbruchSR@hss.edu](mailto:RozbruchSR@hss.edu) ; [srroz@optonline.net](mailto:srroz@optonline.net)  
6. Citizenship: United States of America  
7. Optional information:  
Date of birth: September 2, 1965  
Place of birth: Brooklyn, NY, USA  
Marital Status: married  
Spouse's name: xxxxxxxxxxxxxxxx  
Children's names/ages: xxxxxxxxxxxxxxxxxxxxxxxx  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
Race/ Ethnicity: Caucasian

### B. EDUCATIONAL BACKGROUND

Degree	Institution Name	Institution Location	Dates Attended	Year Awarded
MD	Weill Cornell Medical College	New York, NY	Sept. 1986- May 1990	1990
BA	University of Pennsylvania, College of Arts and Sciences	Philadelphia, PA	Sept. 1982- Dec. 1985	1985

### C. PROFESSIONAL POSITIONS AND EMPLOYMENT

#### 1. Post -doctoral training:

Internship in General Surgery  
North Shore University Hospital, Manhasset, NY  
July 1, 1990- June 30, 1991

Residency in Orthopaedic Surgery  
Hospital for Special Surgery, Cornell University, New York, NY  
July 1, 1991- June 30, 1995

AO/ASIF Orthopaedic Trauma Fellowship, University of Bern,  
Bern, Switzerland, August 1 – October 30, 1995

Limb Lengthening and Deformity Correction Fellowship; (sabbatical)  
Maryland Center for Limb Lengthening & Reconstruction  
University of Maryland, Baltimore, MD; March 1, – September 30, 1999.  
(currently known as: International Center for Limb Lengthening,  
Rubin Institute, Sinai Hospital, Baltimore, MD)

## 2. Academic positions:

Clinical Instructor in Surgery (Orthopaedics)  
Weill Cornell Medical College, New York, NY  
February 1, 1996 – December 31, 1998.

Clinical Instructor in Orthopaedic Surgery  
Weill Cornell Medical College, New York, NY  
January 1, 1999 – October 31, 2001.

Assistant Professor of Orthopaedic Surgery  
Weill Cornell Medical College, New York, NY  
November 1, 2001 - October 31, 2007.

Associate Professor of Clinical Orthopaedic Surgery  
Weill Cornell Medical College, New York, NY  
November 1, 2007 - present

## 3. Hospital positions:

Assistant Attending Department of Orthopaedic Surgery,  
Hospital for Special Surgery, New York, NY; November 1995 – November 2007

Medical Staff, Department of Orthopedic Surgery  
Beth Israel North Medical Center, New York, NY, 1995-1998.

Assistant Attending , New York Presbyterian Hospital- Cornell Medical Center, New York, NY  
Department of Orthopaedic Surgery, February, 1996 - present

Associate Attending Department of Orthopaedic Surgery,  
Hospital for Special Surgery, New York, NY; November 2007 – present

## **D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE**

### 1. Licensure

a. New York State, number xxxxxxxxxxxx, issued November 13, 1991,  
Last registration period: 8/31/10 - 8/31/12

b. DEA number: xxxxxxxxxxxx

2. Board Certification

American Board of Orthopaedic Surgery  
ABOS does not issue certificate numbers  
Issued July 16, 1998  
Recertified July 2008

3. Malpractice insurance

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXX  
XXXXX  
XXXXX  
XXXXXX

**E. PROFESSIONAL MEMBERSHIPS**

Limb Lengthening and Reconstruction Society

- Member 1999- present
- Executive Board, Treasurer, July, 2002- July, 2009
- Second Vice President, July, 2010- July, 2011
- Vice President, July 2011- July 2012
- President, term to start on July 28, 2012 (anticipated)

Orthopaedic Trauma Association, Member, 1999- present

American Academy of Orthopaedic Surgeons, Fellow, 1999- present

Eastern Orthopaedic Association, Member, 2006- present

Nominating Committee, 2006- 2007

Weill Cornell Medical College Alumni Association, Member, 1990 to present

Diplomat of the National Board of Medical Examiners, 1991

New York State Society of Orthopaedic Surgeons, Member, 1995 to present

AO Alumni Association, Member, 1996 to present

**F. HONORS AND AWARDS**

Dean’s Honor List,  
University of Pennsylvania, 1982 – 1986

Magna cum Laude,  
University of Pennsylvania graduation award, December 1985

David P. Barr Summer Research Fellowship,  
Weill Cornell Medical College, summer 1986

NIH Summer Research Fellowship,  
Weill Cornell Medical College, summer 1987  
*A Synthetic Matrix for Cartilage Repair*

Research Thesis Honors Award,  
Weill Cornell Medical College, April 1988  
*A Synthetic Matrix for Cartilage Repair*

Neer Award,  
American Shoulder & Elbow Surgeons Society  
For outstanding clinical or basic research, February 1989  
*Anatomy and Histology of the Inferior Glenohumeral Ligament Complex of the Shoulder*

Professor Jorge Miniero Award,  
For excellence in orthopaedic surgical research, Lisbon, Portugal, 1989  
*Anatomy and Histology of the Inferior Glenohumeral Ligament Complex of the Shoulder*

Papanicalaou Anatomy Fellowship,  
Weill Cornell Medical College, September 1989

Harold Lamport Biomedical Research Prize,  
Weill Cornell Medical College, May 1989

Dean's Research Prize,  
Weill Cornell Medical College, May 1989

Honors in Research,  
Weill Cornell Medical College graduation award, May 1990

American Academy of Orthopedic Surgeons Annual Meeting Top Scientific Exhibit,  
February 2006.  
*Tibial Deformity with the Taylor Spatial Frame*

New York Magazine's list of best doctors: 2006- 2011

Castle Connelly list of best doctors: 2006-2011

Who's Who in America; 2006-2011

Maimonides Outstanding Physician Award  
Awarded by Chabad of Westchester at annual community dinner, June 17, 2010

Osteogenesis Teaching Award  
Limb Lengthening and Complex Reconstruction Service 2011, Hospital for Special Surgery

Best Foot and Ankle Poster, American Academy of Orthopedic Surgeons Annual Meeting  
Invited Poster to Orthopedic Research Society  
*Ankle Distraction Arthroplasty: How Much is Enough?*  
San Francisco, CA; February 2012

#### **G. INSTITUTIONAL/ HOSPITAL AFFILIATION**

1. Primary Hospital Affiliation: Hospital for Special Surgery
2. Other Hospital Affiliations: New York Presbyterian Hospital, Cornell Medical Center

#### **H. EMPLOYMENT STATUS**

1. Employed by Hospital for Special Surgery
2. Full-time salaried at Cornell-affiliated hospital

## **I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND PERCENT EFFORT**

### **Teaching (30%)**

#### Schedule:

Limb Lengthening preoperative planning conference, weekly, Monday, 7:00-8:00 AM

(August 2004 – present)

Limb Lengthening and Deformity Service weekly conference, Thursday 7:00-8:30 AM

(August 2004 – present)

Limb lengthening conference core curriculum; one hour per month. (August 2004- present)

Monthly topics:

Limb Deformity Analysis and Planning

The Ilizarov method

Taylor Spatial Frame

Tibial Fractures (plateau, shaft, pilon)

Nonunions of the tibia (septic and aseptic)

Congenital deformity/shortening of the tibia and fibula

Congenital deformity/shortening of the femur

Congenital pseudoarthrosis of the tibia

Post-traumatic growth arrest

Adult ankle reconstruction

Joint distraction for contracture and arthritis

Knee realignment for arthritis

Limb Lengthening Journal Club, two hours per quarter. (August 2004 – present)

Combined service conferences (one - two times per year with each service): Trauma, Arthroplasty,

Foot and Ankle, Hand and Upper Extremity, Sports (August 2005 – present)

Limb lengthening clinic and office practice, two days per week. (August 2004 – present)

Orthopedic trauma conferences, two hours per week (September 1999- September 2005)

Orthopaedic Resident/ Fellow Psychomotor Skills Cadaver labs (two times per year, 1999-2011)

Orthopedic Resident Core Curriculum Conference

-two lectures per year on limb deformity analysis and treatment methods (1999-present)

Surgical instruction of residents and fellows in operating room, HSS and NYPH.

Clinical instruction and research supervision of medical students, residents, and fellows: These are the fellows, visiting residents, and medical students that have rotated on my service with whom I have engaged in substantial teaching activities.

#### Clinical Fellow Education:

Austin T. Fragomen, MD, Limb Lengthening Fellow, August 2004- July 2005

Sheng Shu, MD, Limb Lengthening Research Fellow, December 2004- May 2005

Nazzar Tellisi, MD, Limb Lengthening Fellow, August 2005- August 2006  
Mohammad Khadder, MD, Limb Lengthening Fellow, August 2006- August 2007  
Raheel Shafi, MD, Limb Lengthening Fellow, August 2007 – July 2009  
Saurab Kharkaria, MD, Limb Lengthening Clinical Preceptor, February 2008 – July 2008  
Kashif Ashfaq, MD, Limb Lengthening Fellow, August 2008- July 2009  
Ryhor Harbechuski, MD, Limb Lengthening Fellow, August 2009- July 2010  
Shahab Mahboubian, DO, Limb Lengthening Fellow, August 2009- July 2010  
Vladimir Goldman, MD; Limb Lengthening Fellow, August 2010- July 2011  
Abjhit Pawar, MD; Limb Lengthening Fellow, August 2010- July 2011  
Turner Vosseller, MD; Limb Lengthening Clinical Preceptor, August 2010- Oct. 2011  
N. Brian Flowers, MD; Limb Lengthening Fellow, August 2011- July 2012  
Raul Kuchinad, MD; ; Limb Lengthening Fellow, August 2011- July 2012

Research Fellow Education:

Rudrani Belnekar, MD, Limb Lengthening Research Fellow, August 2006- August 2007  
Saurab Kharkaria, MD, Limb Lengthening Research Fellow, August 2007 - January 2008  
Thomas McCoy, BA, medical student (gap year), Weill Cornell Medical College,  
Ilizarov Research Fellowship 7/1/10- 6/30/11

Medical Student Education (Rotation on Limb Lengthening Service):

Noah Chinitz, BA; Mount Sinai medical school; September 2008  
Oladapo Babatunde; University of Pennsylvania medical school; October 2008  
Lloydine Jacobs; SUNY Albany medical school; November 2008  
Stacy Wardle; St George's, University of London, Cranmer Terrace,  
London, SW17 0RE, UK; 11/17/08- 12/11/08  
Nikolas Kazmers, BA; Northwestern University, Feinberg School of Medicine  
4th year medical student rotation; August 2009  
Grant Daniel Shifflett; Medical School: University of Southern California  
Dates: 9/28/09 - 10/23/09  
Matthew Seah, Univ.of Edinburgh Medical School, 11/23/09-12/18/09  
Natalie R. Danna, Robert Wood Johnson Medical School, 7/6/10-7/30/10  
Alex Charles Lesiak, University of Nebraska Medical Center, 8/30/10 - 9/24/10  
Rameez A. Qudsi, Harvard Medical School, 1/8/10 - 12/3/10  
Lina Rodriguez, Pontificia Universidad Javeriana (Colombia) ; 1/31/11-2/25/11  
Tonya Cramer, Chicago Medical School, Rosalind Franklin University of Medicine and  
Science, North Chicago, IL; 9/1/11- 9/22/11

Research Assistants:

Dawn Cannon, BA; August 2006- July 2007  
Kira Siegal, BA; August 2007- July 2008  
Craig Fryman, BA; August 2008- July 2009  
Lindsey Schachter, BA; August 2009- July 2010  
Hiruklia Bezhani, BA; August 2010- July 2011  
Eugene Borst, BA; August 2011-present

Elective Resident Rotation on Limb Lengthening Service:

George Gantsoudis, MD; Mount Sinai Medical Center, 4th year orthopedic resident rotation; June 2008

Jason Gould, MD; Mount Sinai Medical Center, 4th year orthopedic resident rotation; December 2009

Goksel Dikmen, MD; Univ. of Istanbul Dept. of Orthopedics and Traumatology Senior Resident; 1/2/11- 1/28/11

Milton Little, MD; Hospital for Special Surgery orthopedic resident PGY4; 9/19/11- 10/30/11

Peter Fabricant, MD; Hospital for Special Surgery orthopedic resident PGY4; 1/25/12-

Visiting Surgeon Program:

Andreas Schrim, MD; Foot and Ankle Unit, Orthopedic Dept., Cantonel Hospital St. Gallen, Switzerland; April 11-14, 2011

Tim O’Carrigan, MD; Sydney Australia. November 23, 2011

Tom McCoy Sr., MD, Charlotte, NC, November 25, 2011

Hosting of Visiting Professors at Hospital for Special Surgery:

Professor John Herzenberg, Director, International Center for Limb Lengthening Director, Pediatric Orthopedics, Sinai Hospital, Baltimore, MD; January 2009  
Lecture: *Limb Lengthening for Achondroplasia*

Professor H. Tsuchiya, Kanazawa University, Kanazawa, Japan ; January 27-28, 2011  
Lectures:

*Limb Lengthening and Reconstruction of Benign Bone Tumors*  
*Limb Lengthening and Reconstruction of Malignant Bone Tumors*

Professor Sanjeev Sabharwal, UMDNJ, Newark, NJ; January 27, 2012  
Lecture: *Treatment of Limb Deformity in Children- Lessons Learned*

Courses taught at Cornell/ Hospital for Special Surgery/ Intramural Presentations:

The DuVigneaud Research Symposium, Cornell University Medical College, May 1989, lecturer,

*Anatomy and Histology of the Inferior Glenohumeral Ligament Complex of the Shoulder*

The Stimson Surgical Society, Cornell University Medical College; NY, NY; April 29, 1997, presenter, *Introduction to Orthopaedic Trauma and Fracture Surgery*

Hospital for Special Surgery Orthopaedic Surgery Grand Rounds, New York, NY  
January 12, 1996, lecturer,  
*Third World Medicine: Orthopedic Surgery Volunteer Mission in the West Indies*

November 19, 1999, presenter  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

October 26, 2001, presenter,  
*Applications of the Ilizarov Method to Limb Lengthening & Reconstruction: Clinical Cases with Follow-up*

Hospital for Special Surgery Annual Alumni Meeting; New York, NY  
Nov. 8, 1996, presenter  
*The Evolution of Femoral Shaft Plating Technique*

November 7-8, 2002, presenter  
*Lengthening and Then Nailing (LATN) of the Tibia*

November 6-7, 2003  
*Moderator- Limb Lengthening Symposium Presentations:*  
*Post-traumatic Reconstruction*  
*External Fixation for Tibial Osteotomy*

November 5, 2004, presenter,  
*Plenary Session: Top Scientific Papers*  
*Treatment of Tibial Nonunions and Bone Defects with the Ilizarov/ Taylor Spatial Frame*

November 15, 2007, presenter  
*Advances in Limb Lengthening Symposium*  
*Hybrid Techniques: The Best of Internal and External Fixation*

November 14-15, 2009, presenter  
*Osteotomies: Internal versus External Fixation*  
*Complex Post-traumatic Reconstruction with External Fixation*

November 12-13, 2010, presenter  
*Realignment vs. Unicompartmental Knee Replacement for Knee Arthritis*

Department of Radiology Grand Rounds, Hospital for Special Surgery; New York, NY  
February 12, 2001; lecturer,  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

January 23, 2002; lecturer,  
*Radiological Aspects of Limb Lengthening and the Ilizarov Method*

February 26, 2003; lecturer,  
*Radiological Aspects of Limb Lengthening and the Ilizarov Method*

Memorial Sloan Kettering Cancer Center, Department of Surgery Grand Rounds; New York, NY;  
September 23, 2002, lecturer,  
*Applications of the Ilizarov Method to Tumor Reconstruction*

Department of Rheumatology Grand Rounds, Hospital for Special Surgery; New York, NY  
October 23, 2002; lecturer,  
*Applications of the Ilizarov Method*

Department of Physiatry, Hospital for Special Surgery Grand Rounds, New York, NY  
May 18, 2004, lecturer  
*Normal Alignment, Consequences of Mal-alignment, and Techniques for Realignment.*

March 20, 2007, lecturer  
*Normal Limb Alignment, Mal-alignment, and Approach to Deformity Correction*

October 13, 2009, lecturer  
*Malalignment of the Knee, Evaluation and Treatment*

Mosbacher Orthopaedic Trauma Lecture and Foot and Ankle Symposium  
Hospital for Special Surgery, March 3, 2006  
Faculty, Lecturer  
*Role of Circular External Fixation for Pilon Fractures*

Foot and Ankle Service Visiting Professor Lecture and Symposium  
Hospital for Special Surgery, September 8, 2006; Faculty, Lecturer  
*Ankle Distraction Arthroplasty: Treatment of Arthritis in Younger Patients*

Overview of Skeletal Dysplasia, Conference  
Hospital for Special Surgery March 16, 2007; faculty and lecturer  
*Limb Lengthening and Deformity Surgery*

Perioperative Medical Grand Rounds  
Hospital for Special Surgery, January 14, 2009  
*Clinical application of Limb Lengthening and Reconstruction Surgery*

Resident Core Lecture Series  
Hospital for Special Surgery, October 27, 2009  
*Osteomyelitis and Infected Nonunions/ Bone Defects*

HSS Volunteer Lecture  
Hospital for Special Surgery, Nov. 13, 2009  
*Limb Lengthening and Reconstruction Surgery*

HSS Ambulatory Nursing Staff Lecture  
Hospital for Special Surgery, Nov. 25, 2009  
*Limb Lengthening and Reconstruction Surgery  
Pin Care Technique*

Lecture to ABC Traveling Fellow Program  
Hospital for Special Surgery, May 21, 2010  
*Limb Lengthening and Reconstruction Surgery*

New York Presbyterian Hospital- Cornell Pediatric Endocrine Service  
Weill Cornell Medical College, June 8, 2010  
*Limb Lengthening and Reconstruction Surgery in Children*

Resident Core Lecture Series  
Hospital for Special Surgery, June 8, 2010  
*Principles of Deformity Correction: Analysis and Surgical Planning*

*Fellow Cadaver Lab: Lower Extremity*  
Hospital for Special Surgery, May 19, 2011

Resident Core Lecture Series  
Hospital for Special Surgery, September 6, 2011  
*Principles of Deformity Correction: Analysis and Surgical Planning*

Resident Core Lecture Series  
Hospital for Special Surgery, September 13, 2011  
*Clinical Applications of the Ilizarov Method*

*Fellow Cadaver Lab: Upper Extremity*  
Hospital for Special Surgery, September 15, 2011

Combined Service Conference: Limb Lengthening and Arthroplasty  
Hospital for Special Surgery, January 26, 2012  
Lecture given:  
*Complex Failures of Knee Arthroplasty: Treatment with Ilizarov Method*

Conservative Management of Knee Osteoarthritis Symposium (upcoming)  
Hospital for Special Surgery, March 9, 2012  
*Effectiveness of Surgical Realignment for the Management of Knee OA*

### **Clinical Care (30%)**

Hospital based practice- Orthopaedic Surgery.  
Specialties: Limb Lengthening & Deformity Correction, Trauma & Reconstruction.

I see patients in the clinic two days per week. During that time, I am accompanied by my orthopedic fellow, and visiting medical students and residents. Patient care and teaching are combined routinely.

Every Monday morning, we hold a preoperative planning conference. The fellow and visiting medical students present the surgical cases for the upcoming week. We discuss indications for surgery and engage in detailed surgical planning.

Two days per week, I perform surgery. I am assisted by an orthopedic fellow, visiting medical students and residents. Patient care and teaching are combined to create an environment of both excellent patient care and learning.

**Administrative (15%)**

Co-Chief Limb Lengthening Clinic, Hospital for Special Surgery. September 1999 – October 2002

Director, Institute for Limb Lengthening and Reconstruction, Hospital for Special Surgery, October 2002 – September 2005

Director, Limb Lengthening Fellowship, Hospital for Special Surgery, August 2004 - 2009

Fellowship Committee, Hospital for Special Surgery, August 2004 – 2009

**Service Chief, Limb Lengthening & Complex Reconstruction Service (LLCRS), Hospital for Special Surgery, September 7, 2005- present.**

Medical Advisory Committee, Center for Skeletal Dysplasias, December 2005 to present.

HSS Annual Alumni Meeting Planning Committee, Hospital for Special Surgery, November 2006 to present

**Research (25%)**

My research interests relate to limb lengthening, deformity correction, and the Ilizarov method. While my main focus has been on clinical research, I have participated in basic science research to answer relevant clinical questions. My clinical research began with retrospective level 4 studies reviewing my experience. This has evolved with the growth of our service and clinical experience. Research quality has substantially improved to retrospective comparison and prospective comparison studies. I plan to continue to ask clinical questions and implement new treatment modalities within a responsible and organized clinical research program. As the service chief, I plan to mentor, support, and help my colleagues, fellows, residents, and students to follow in this path. As upcoming president of the Limb Lengthening and Reconstruction Society (LLRS), I plan to lead our national organization in the same direction. I plan to deliver an invited lecture at the upcoming LLRS specialty day of the AAOS entitled, “What are the 5 most important research questions that we should try to answer?” Through this, I hope to inspire and motivate others in the same direction. This may also be a springboard for organizing multi-center research projects.

**List of ongoing research projects:**

Prospective evaluation of limb lengthening and reconstruction outcomes (Data Registry)

Changes in gait following surgical correction of genu varum in children and young adults (Prospective study in conjunction with gait lab at HSS)

Biomechanical effects of gradual correction of limb malalignment using external fixation: gait analysis (Prospective study in conjunction with gait lab at HSS)

MRI changes in ankles undergoing distraction arthroplasty

Oral antibiotics for prevention of pin tract infection: a prospective randomized study

Tibio-calcaneal fusion vs. below knee amputation: analysis of gait and function (prospective study)

The effect of platelet rich plasma (PRP) injection into bone regenerate during distraction osteogenesis (prospective randomized study)

Cell count retrieval with bone marrow aspirate concentration- a prospective comparison of two systems

Complex ankle fusion using the Ilizarov method

Humerus lengthening using monolateral external fixation- functional outcome

Use of antibiotic coated intramedullary rod for ankle fusion

Knee arthrodesis and limb lengthening after failed infected knee arthroplasty

Tibia lengthening and the role for gastrocnemius recession

Treatment of severe hip arthrosis and massive apparent leg length inequality with total hip replacement.

#### **J. RESEARCH / INSTITUTIONAL SUPPORT:**

Rozbruch SR: Limb Lengthening Research and Education Fund.  
Funded EBI/ Biomet Trauma, \$50,000, August 2007-August 2008

Limb lengthening and Reconstruction Fellowship August 2007-August 2008  
Supported by Smith and Nephew, Inc \$75,000

Rozbruch SR: Limb Lengthening Research and Education Fund.  
Funded EBI, \$25,000, August 2006-August 2007

Limb lengthening and Reconstruction Fellowship August 2006-August 2007  
Supported by Smith and Nephew, Inc \$75,000

Limb lengthening and Reconstruction Fellowship August 2005-August 2006  
Supported by Smith and Nephew, Inc \$75,000

Rozbruch SR: Prospective evaluation of limb lengthening outcomes.  
Funded by Smith and Nephew, \$25,000 and EBI, \$25,000 in 2003.  
Funded by Smith and Nephew, \$25,000 in 2004

Rozbruch SR: Limb Lengthening PA and Research Associate (Arkady Blyakher, SA).  
Funded by Smith and Nephew, \$50,000 per year 1999 to 2005.

Rozbruch SR: Limb Lengthening Clinical and Research Fellowship.

Funded by Smith and Nephew, \$25,000 and EBI, \$25,000, August 2004-August 2005

Rozbruch SR: *Clinical Evaluation of the ISKD Internal Lengthening Nail*  
- a multicenter prospective corporate funded study, 2003-2004  
funded by Orthofix Inc. , \$3000

Rozbruch SR; Golkar L: Biomechanical analysis of femoral shaft fixation- traditional plating  
modern plating, and intramedullary rodding, 2000  
Funded by Smith & Nephew, \$3000

Rozbruch SR, Arnoczky SP: *A Synthetic Matrix for Cartilage Repair*. Research Thesis Honors  
Award 1988- Cornell University Medical College, NIH Summer research Fellowship 1987.  
\$1500

## **K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES**

### **1. Journal Review:**

Editorial board, *Journal of Orthopaedic Trauma*, November 2002 – present  
Review about one article per month

Reviewer, *Clinical Orthopaedics and Related Research* – September 2004

Reviewer, *Journal of Orthopaedic Research*, December 2004 – present

### **2. Orthopaedic Consultation to Industry:**

Smith and Nephew Inc. 2010- present. I have worked on educational programming of the  
Ilizarov/ Taylor Spatial Frame. I am currently working on development of a fully  
implantable internal limb lengthening nail.

Small Bone Innovations, 2007 to present. I developed an ankle distraction frame called  
RAD (Rozbruch Ankle Distraction) that is widely used in clinical practice. I have given  
educational presentations on this topic and product.

### **3. Leadership at national and international educational courses/ meetings:**

Introduction to the Taylor Spatial Frame- Trauma Applications Course  
Hospital for Special Surgery, New York, NY, January 31, 2003

#### **Course Chairman**

Lectures:

- 1. Fractures and Post-traumatic Reconstruction*
- 2. Foot and Ankle Deformity*
- 3. Case Examples on the Computer*
- 4. Computer Simulation Model*

American Academy of Orthopaedic Surgeons Annual Meeting  
Washington DC, February 27, 2005

**Chairman**, Limb Lengthening and Reconstruction Society Specialty Day;

Moderator of Foot and Ankle Symposium.

Applications of the Ilizarov/ Taylor Spatial Frame to Foot and Ankle Reconstruction Course  
New York, NY, July 28, 2005

**1. Course Chairman**

2. Lectures

- a. *Failed Pilon Fractures*
- b. *Principles of Deformity Correction*

Applications of the Ilizarov/ Taylor Spatial Frame to Foot and Ankle Reconstruction Course  
San Diego, CA; July 20, 2006

**1. Course Chairman**

2. Lectures

- a. *Failed Pilon Fractures*
- b. *Correction of Distal Tibial Deformity with the Taylor Spatial Frame- Lab session*

American Academy of Orthopaedic Surgeons Annual Meeting  
San Diego, CA, February 16, 2007

**Symposium Leader and Moderator**

*Techniques for Tibial Deformity Correction: State of the Art.*

*Principles and Deformity Planning:* Dror Paley, MD

*Intramedullary Nailing:* David L. Helfet, MD

*Fixator Assisted Plating:* Joachim Pfeil, MD

*Monolateral External Fixation:* Richard Davidson, MD

*Circular External Fixation:* S. Robert Rozbruch, MD

Comprehensive Circular External Fixation Course  
Boston, MA; April 4-5, 2008

**1. Course Chairman**

2. Lectures

- a. *Introduction to TSF- Indications and Scope*
- b. *Tibial Shaft Fractures- lab*
- c. *Proximal Tibial Osteotomy- lab*
- d. *Billing and Coding*
- e. *Complications: Bailing Yourself Out*
- f. *Overview of Foot and Ankle Indications for the TSF*

Advanced Taylor Spatial Frame Course  
Marriott New York Hotel, June 10-11, 2010

**Course Chairman**

Lectures:

1. *Overview of TSF*
2. *Distal Tibia Applications*
3. *Upper Extremity Applications*
4. *Building and Sustaining a Limb Deformity Practice*

Eastern Orthopedic Association Annual Meeting (upcoming)  
Williamsburg, VA, October 22, 2011

**Symposium leader and moderator:**

*Lower Extremity Applications of Limb Lengthening and Reconstruction Surgery*

*Post-traumatic* (AT Fragomen, MD)

*Salvage of Failed Knee and Ankle Arthroplasty* (SR Rozbruch, MD)

*Children* (Richard Bowen, MD)

Association for the Study and Advancement of the Method of Ilizarov (ASAMI) (upcoming)

International Congress; Thessaloniki, Greece; June 6-9, 2012

**Scientific Committee**

4. Invited lectures: (lecture titles in italics)

Baltimore Limb Deformity Course, University of Maryland; Baltimore; September 11, 1999,  
*The History of the Pelvic Support Osteotomy*

Long Island Jewish Hospital Department of Orthopaedic Surgery Grand Rounds,  
Lake Success, NY; March 8, 2000  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

10<sup>th</sup> Annual Baltimore Limb Deformity Course, Faculty, lecturer,  
University of Maryland, September 7-12, 2000  
*1. History and Results of Pelvic Support Osteotomy*  
*2. Pelvic Support Osteotomy Lab Demonstration*  
*3. Fixator- Assisted Nailing Lab Demonstration*

Department of Orthopaedics, NY Medical College- Westchester Medical Center Grand Rounds  
New York, NY; December 18, 2000  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

Department of Orthopaedics Grand Rounds, SUNY Downstate Medical Center  
Brooklyn, NY; February 23, 2001  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

Department of Orthopaedics Grand Rounds, SUNY Stony brook  
Stony brook, NY; April 27, 2001  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

Department of Orthopaedics Grand Rounds, St. Vincent's Hospital  
New York, NY; May 9, 2001  
*Clinical Applications of the Ilizarov Method- Limb Lengthening and Deformity Correction*

11<sup>th</sup> Annual Baltimore Limb Deformity Course, Faculty, lecturer  
Baltimore, Maryland, September 6-11, 2001  
*1. Case Discussion- Adult Femoral Post-traumatic LLD with Deformity*  
*2. Bone Lab Demonstration- Tibia Diaphyseal Varus Using Ilizarov*  
*3. Hands on external fixator course- Ilizarov*

Department of Orthopaedics Dinner conference, SUNY Stony brook  
Stony brook, NY; December 26, 2001  
*Applications of the Ilizarov Method to Limb Lengthening & Reconstruction:*

Taylor Spatial Frame Master's Course, faculty  
Memphis, TN April 5-6, 2002  
*Trauma and Reconstruction Using the Taylor Spatial Frame*

Essentials of Ilizarov, course faculty  
Atlanta, GA April 25-26, 2002  
*Distal Tibia Periarticular Fractures- postoperative management*

Comprehensive Ilizarov Solutions, course faculty  
Atlanta, GA; April 27-28, 2002  
*1. Techniques of Osteotomy*  
*2. Deformity Correction-Postoperative Management*

Essentials of Limb Lengthening, Limb Reconstruction, and External Fixation Course  
Limb Lengthening & Reconstruction Society (LLRS),  
Dallas, TX; June 7-9 2002; faculty, presenter,  
*Complications of the Limb Lengthening & Reconstruction*

12<sup>th</sup> Annual Baltimore Limb Deformity Course, faculty, lecturer  
Baltimore, MD; Sept 1-5, 2002

1. *Pelvic Support Osteotomy for Neonatal Septic Arthritis*
2. *Trauma & Reconstruction using the Taylor Spatial Frame*
3. *Articulated Distraction of the Knee and Ankle- Lab*

EBI Trauma Forum, faculty, lecturer,  
Parsippany, NJ; September 20, 2002  
*Post-traumatic Deformity Correction Using Monolateral External Fixation.*

Mary Immaculate Hospital, Department of Orthopedic Surgery Grand Rounds  
Jamaica, NY; September 25, 2002  
*Applications of the Ilizarov Method*

New York Methodist Hospital, Podiatry Grand Rounds  
Brooklyn, NY; November 11, 2002  
*Applications of the Ilizarov method to the Foot and Ankle*

Memphis Spatial Frame Course- Faculty, lecturer,  
Memphis, TN, December 5-6, 2002  

1. *Fractures and Post-traumatic Reconstruction*
2. *Foot and Ankle Deformity*

New York Presbyterian Hospital - Queens, Podiatry Grand Rounds  
Queens, NY; January 21, 2003  
*Applications of the Ilizarov method to the Foot and Ankle*

American Academy of Orthopaedic Surgeons Annual Meeting,  
Limb Lengthening and Reconstruction Society (LLRS) Specialty Day  
New Orleans, Louisiana , February 8, 2003  
*Current Techniques of Deformity Correction- Symposium Moderator  
Combination Techniques for Deformity Correction (lecture)*

St. Mary's Hospital, Podiatry Grand Rounds  
Hoboken, NJ; March 18, 2003  
*Applications of the Ilizarov method to the Foot and Ankle*

Lenox Hill Hospital, Dept. of Orthopedic Surgery Grand Rounds  
New York, NY; March 24, 2003  
*Applications of the Ilizarov method to Limb Lengthening & Reconstruction*

Essentials of Ilizarov Surgical course- Faculty  
New York, NY, May 1-2 2003  
*Postoperative management*

Comprehensive Ilizarov Solutions (Surgical course)- Faculty  
New York, NY; May 3-4 2003  

1. *Basic Femoral Construct*
2. *Basic Femoral Frame Lab*

EBI Pediatric Forum  
Parsippany, NJ; August 8, 2003  
*Femur Lengthening using Monolateral External Fixation*

13<sup>th</sup> Annual Baltimore Limb Deformity Course, faculty  
Baltimore, MD; Sept 7-11, 2003

1. *Normal Lower Extremity Alignment*
2. *Consequences of Malalignment*
3. *Taylor Spatial Frame for Trauma*
4. *Taylor Spatial Frame for Chronic deformity Correction*
5. *Ilizarov Hip Reconstruction using a Monolateral Frame (Lab leader)*

Essentials of Ilizarov and Taylor Spatial Frame, faculty, lecturer  
Tucson, Arizona; Oct 22-25, 2003

1. *Introduction to Taylor Spatial Frame Software*
2. *Rings First Total Residual Application of the Taylor Spatial Frame*
3. *Tibial Shaft Fracture using the Taylor Spatial Frame- Lab*
4. *Clinical transition to the Taylor Spatial Frame*

New York Hospital- Queens, Podiatry grand rounds  
Flushing, NY; December 2, 2003  
*Limb Deformity Correction with External Fixation*

Taylor Spatial Frame External Fixation Course, faculty, lecturer  
Snowmass, Colorado; February 20-22, 2004

1. *Bone Transport*
2. *Fractures and Reconstruction*

American Academy of Orthopaedic Surgeons Annual Meeting  
Limb Lengthening and Reconstruction Society Specialty Day  
San Francisco, CA; March 12-13, 2004  
*Post-traumatic Reconstruction of the Ankle*

Essentials of external fixation for Foot and Ankle Course, Faculty  
Beaver Creek, CO; August 4-8, 2004  
Lectures given:

1. *Surgical Management of Failed Pilon Fractures*
2. *Principles of Deformity Correction*
3. *Post-operative Complications While in the frame*
4. *Physical Therapy*
5. *Correction of Ankle Contracture with Ilizarov Frame and Hinges*

14<sup>th</sup> Annual Baltimore Limb Deformity Course, faculty  
ISKD precourse, Nonunion precourse  
Baltimore, MD; Sept 3-9, 2004, Lectures Given:

1. *Taylor Spatial Frame for Malunions*
2. *Pelvic Support Osteotomy: Ilizarov hip Reconstruction*
3. *Taylor Spatial Frame- Tips and Tricks*
4. *ISKD for femur Lengthening*
5. *External Fixation for Nonunions of the Tibial Diaphysis*
6. *External Fixation for Nonunions of the Proximal Tibial Metaphysis*

7. *External Fixation for Nonunions of the Distal Femur*

New York Hospital- Queens, Podiatry grand rounds

Flushing, NY; November 30, 2004

*Principles of Deformity Correction: Lower Extremity, Foot and Ankle*

Essentials of External Fixation Course

Atlanta, GA; April 8-10, 2005; Faculty

Lectures given:

1. *Biomechanics of Stable Fixation*
2. *Taylor Spatial Frame Concept*
3. *Overview of Taylor Spatial Frame Software*
4. *Taylor Spatial Frame Computer Lab*
5. *Pre-operative Planning for Circular Fixation*
6. *Distal Peri-articular Tibia Fracture Lab*

15<sup>th</sup> Annual Baltimore Limb Deformity Course, faculty

TSF for foot and ankle post course; ISKD post course

Baltimore, MD; Sept 9, 2005, Lectures Given:

1. *Supramalleolar Osteotomy Constructs with the Taylor Spatial Frame*
2. *ISKD for femur Lengthening*

Grand Rounds Guest Lecturer, Dept. of Orthopaedic Surgery

Mount Sinai School of Medicine, New York, NY, November 30, 2005

*Post-traumatic Reconstruction of the Ankle using the Ilizarov Method*

Guest Lecture to Pediatric Endocrinology group

Dept. of Pediatrics, Mount Sinai School of Medicine, New York, NY, February 8, 2006

*Pediatric Applications of Limb Lengthening and Reconstruction Surgery*

EBI Orthopaedic Residents Course, faculty, lecturer

Parsippany, NJ; February 17, 2006

1. *Limb Lengthening and Deformity Correction using Monolateral External Fixation*
2. *Multiaxial Correction (MAC) Frame for Correction of Femoral Deformity- Workshop*

American Academy of Orthopaedic Surgeons Annual Meeting

Limb Lengthening and Reconstruction Society Specialty Day

Chicago, IL; March 22-26, 2006

*Clinical Experience, Pearls, and Pitfalls with the Multi-axial Correction (MAC) Frame.*

New York Hospital- Queens, Podiatry grand rounds- guest lecturer

Flushing, NY; March 28, 2006

*Applications of the Ilizarov Method to Foot and Ankle Reconstruction*

16<sup>th</sup> Annual Baltimore Limb Deformity Course, Baltimore, Maryland, September 5-7, 2006

Lectures:

1. *Taylor Spatial Frame for Malunions*
2. *Supramalleolar Osteotomy Constructs*

Interurban Orthopaedic Society, Centennial Annual Meeting

New York, NY October 5, 2006

*Frontiers in Limb Lengthening and Reconstruction Surgery*

Eastern Orthopaedic Association Annual Meeting, presenter,

Boca Raton, Florida, October 19, 2006

*Management of the Failed Pilon Fracture: Post-traumatic Reconstruction,*  
in Pilon Fracture Symposium

New York Medical College Orthopaedic Symposium  
Westchester Country Club; Harrison, NY, October 26, 2006

Faculty, Lecturer:

*Distraction Arthroplasty of the Ankle*

Essentials of External Fixation Course  
New York, NY; November 10-12, 2006

Faculty and Local Host

Lectures given:

1. *Peri-articular Fracture Management*
2. *Strategies for Treatment of Tibial Mal/Nonunions*
3. *Bone Transport Lab*

New York Podiatric Clinical Conference  
New York, NY; January 19, 2007

Faculty; Lectures:

1. *Surgical Treatment of Charcot Neuro-Arthropathy*
2. *Surgical Treatment of Osteomyelitis*

Lenox Hill Hospital Department of Orthopedic Surgery Grand Rounds  
New York, NY ; February 5, 2007

*Frontiers in Limb Lengthening and Reconstruction*

American Academy of Orthopaedic Surgeons Annual Meeting  
Limb Lengthening and Reconstruction Society Specialty Day  
San Diego, CA, February 17, 2007

*Use of the Ilizarov Method for Limb Salvage Reconstruction After Failed Joint Replacement*

Bridgeport Hospital Center, Dinner Lecturer

*Frontiers in Limb Lengthening and Reconstruction Surgery*

Fairfield, CT March 29, 2007

American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting  
Toronto, Ontario; July 12-15, 2007.

1. *Pre-meeting course: Treatment of Stage 4 PTTD with the Ilizarov Method*
2. *Treatment of Charcot deformity with Ilizarov frame.*

17<sup>th</sup> Annual Baltimore Limb Deformity Course

Advanced Course: Deformity Correction with the Taylor Spatial Frame

Baltimore, Maryland, September 6, 2007

*Tips and Tricks for the Taylor Spatial Frame*

American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting  
Pre-meeting Course: State of Art Management of Ankle Arthritis

Denver, Colorado; June 25, 2008

*Periarticular Osteotomy for Ankle Arthritis*

18<sup>th</sup> Annual Baltimore Limb Deformity Course

Baltimore, Maryland, September 1, 2008

Lectures:

1. *Radiology of Lower Limb Deformities*
2. *Fixator-assisted Plating of the Femur*

Eastern Orthopaedic Association Annual Meeting  
Las Vegas, Nevada; October 25, 2008  
*Management of the Failed Pilon Fracture: Post-traumatic Reconstruction,*  
in Pilon Fracture Symposium

American Academy of Orthopaedic Surgeons Annual Meeting  
Specialty Day; Las Vegas, NV February 28, 2009  
1. *Fixator Assisted Plating and Nailing*  
2. *Bone Techniques for Soft-tissue Wounds*

American College of Foot and Ankle Surgeons (ACFAS)  
Ankle Distraction Course, sponsored by SBI; March 4, 2009  
1. *Innovations in Ankle Distraction Arthroplasty*  
2. *Ankle Distraction demonstration and lab*

Eastern Orthopaedic Association Annual Meeting  
Paradise Island, Bahamas; June 17-20, 2009  
*Nonunions and Deformity- The Power of External Fixation*

19<sup>th</sup> Annual Baltimore Limb Deformity Course  
Osteomyelitis Post-course  
Baltimore, Maryland, September 9-11, 2009  
Lectures:  
1. *Lengthening and then Nailing*  
2. *Osteomyelitis: Diagnostic Imaging and Laboratory Testing*  
3. *Bone Transport versus Acute Shortening for Bone Defects*  
4. *Closure of Soft-tissue Defects by Transport and Shortening*

30<sup>th</sup> Annual Meeting of the Israel Orthopaedic Association  
Jerusalem, Israel; December 1-3, 2010  
**Invited International Guest Speaker**  
A. Plenary Session:  
1. *Post-traumatic Reconstruction Using the TSF*  
B. Pediatric Orthopaedic Specialty Day:  
1. *Correction of Limb Deformity in the Pediatric Patient*  
2. *Timing and Strategy for Limb Lengthening in the Pediatric Patient*

Mount Sinai Medical Center, Pediatric Endocrine Grand Rounds Lecture  
New York, NY; February 4, 2011  
*Timing and Strategy for Limb Lengthening in the Pediatric Patient*

American Academy of Orthopaedic Surgeons Annual Meeting  
Specialty Day; San Diego, CA; February 19, 2011  
1. *Humeral Deformity and Lengthening (Pediatric Upper Extremity Session)*  
2. *Ankle Arthritis in 60 year old: Ankle Replacement vs. Distraction*  
3. *Current Criteria for Limb Lengthening in Pediatrics*

Dinner Meeting presentation, Miami, FL, April 20, 2011  
Sponsored by Smith and Nephew Inc.  
1. *Post-traumatic Reconstruction Using the TSF*  
2. *Upper Extremity Reconstruction Using the TSF*

Essentials of External Fixation, June 10-11, 2011  
Marriot Eastside; New York, NY

1. *Introduction to the Taylor Spatial Frame*
2. *Post-operative Care*

The Magic Foundation

Lomard , IL; July 15, 2011

Invited Guest Speaker to Russell Silver Syndrome and Small for Gestational Age Division  
*Limb Lengthening in Children with Russell Silver Syndrome and for Other Etiologies*

Northshore/ Long Island Jewish University Hospital Orthopedic Grand Rounds

New Hyde Park, NY, January 25, 2012; visiting professor

*Limb Deformity and Post-traumatic Reconstruction*

Limb Lengthening and Reconstruction Society Specialty Day

American Academy of Orthopaedic Surgeons Annual Meeting

San Francisco, CA; Feb. 11, 2012

*The Top 5 Research Questions I want LLRS to Answer*

#### 5. Volunteer Service:

Orthopaedic Overseas Inc., Volunteer Mission

Consultant in Orthopaedic Surgery, St. Jude Hospital, St. Lucia, West Indies;  
August 1995 and December 2007

Friends of Maya Chang Dinner

Hilton Hotel; Staten Island, NY; May 21, 2009

Fundraising dinner for Children with deformities

Guest Speaker:

*Limb Lengthening and Deformity Correction in Children*

#### 6. Other activities:

University of Pennsylvania Secondary School Committee

Interview for undergraduate admission, 2008- present

AO/ASIF Faculty

AO North America, North American Education Committee, April 1996- present.

## **L. BIBLIOGRAPHY**

### 1. Peer-reviewed Articles

1. O'Brien SJ, Neves M, **Rozbruch SR**, DiCarlo E, Arnoczky SP, Warren RF, Wickiewicz T: Anatomy and Histology of the Inferior Glenohumeral Ligament Complex of the Shoulder, American Journal of Sports Medicine 1990; 18:5:449-56.

2. **Rozbruch SR**, Wickiewicz T, DiCarlo E, Potter H: Osteonecrosis of the Knee Following Arthroscopic Laser Meniscectomy. Journal of Arthroscopy 1996; 12:2:245-250.

3. **Rozbruch SR**, Muller U, Gautier E, Ganz R: The Evolution of Femoral Shaft Plating Technique. Clinical Orthopaedics and Related Research 1998; 354: 195-208.

4. **Rozbruch SR**, Chang V, Bohne WHO, Deland J: Ganglion Cysts of the Lower Extremity, Orthopedics 1998; 21:141-8.

5. **Rozbruch SR**, Herzenberg JE, Tetsworth KT, Tuten HR, Paley D: Distraction Osteogenesis for Nonunion after High Tibial Osteotomy. *Clinical Orthopaedics and Related Research* 2002; 394:227-235.
6. **Rozbruch SR**, Helfet, DL, Blyakher A: Distraction of Hypertrophic Nonunion of Tibia with Deformity Using Ilizarov/ Taylor Spatial Frame. *Archives of Orthopaedic and Trauma Surgery*, 2002; 122:295-298.
7. **Rozbruch SR**, DiPaoli M, Blyakher AA: Fibula Lengthening Using a Modified Ilizarov Method. *Orthopedics* 2002; 25:11:1241-4.
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9. **Rozbruch SR**, Blyakher A, Haas SB, Hotchkiss R: Correction of Large Bilateral Tibia Vara with the Ilizarov Method. *Journal of Knee Surgery* 2003; 16:1:34-37.
10. Inda J I, Blyakher A, O'Malley MJ, **Rozbruch SR**: Distraction Arthroplasty for the Ankle Using the Ilizarov Frame. *Techniques Foot and Ankle Surgery* 2003; 2(4):249-253.
11. DiPaoli M, **Rozbruch SR**, Helfet DL: Minimal Incision Technique Using a Two-Hole Plate for Fixation of Stable Intertrochanteric Hip Fractures. *Orthopedics* 2004; 27 (3): 270-274.
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13. **Rozbruch SR**, Ilizarov S, Blyakher AA: Knee Arthrodesis with Simultaneous Lengthening Using the Ilizarov Method. *Journal of Orthopedic Trauma* 2005; 19 (3):171-179.
14. **Rozbruch SR**, Paley D, Herzenberg JE, Bhav A: Ilizarov Hip Reconstruction for the Late Effects of Infantile Hip Sepsis. *J Bone Joint Surg Am* 2005; 87(5):1007-18.
15. Fragomen A, Ilizarov S, Blyakher A, **Rozbruch SR**: Proximal Tibial Osteotomy for Medial Compartment Osteoarthritis of the Knee Using the Taylor Spatial Frame. *Techniques in Knee Surgery* 2005; 4(3): 173-185.
16. **Rozbruch SR**: Post-traumatic Reconstruction of the Ankle using the Ilizarov Method. *HSS J* 2005; 1:68-88.
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6. McCoy TH, Goldman V, Fragomen AT, **Rozbruch SR**: External Fixator Assisted Ankle Arthrodesis Following Failed Total Ankle Arthroplasty. Submitted to Foot Ankle Int.

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8. Fragomen AT, Borst E, Schachter L, Lyman S, **Rozbruch SR**: Complex Ankle Fusion: How Successful is the Ilizarov Method? Submitted to Clin Orthop Rel Research.

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1. O'Brien SJ, Warren RF, Arnoczky SP, **Rozbruch SR**: Developmental Anatomy of the Human Shoulder and Anatomy of the Glenohumeral Joint, in Rockwood and Matsen: The Shoulder, WB Saunders Co., USA, 1990

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24. **Rozbruch SR**, Fragomen AT: Hybrid Lengthening Techniques: Lengthening and then Nailing (LATN), Lengthening and then Plating (LAP) In: Tsuchiya, Kocaoglu, Eralp (Eds.): Advanced Techniques in Limb Reconstruction Surgery, Springer (in press 2011)
25. Fragomen AT, **Rozbruch SR**: Distraction Arthroplasty for Ankle Osteoarthritis. In: Tsuchiya, Kocaoglu, Eralp (Eds.): Advanced Techniques in Limb Reconstruction Surgery, Springer (in press 2011)
26. Sabharwal S, **Rozbruch SR**: What New in Limb Lengthening and Reconstruction Surgery? Invited review article in *J Bone Joint Surg- Am* 2011. 93-A(24): 2324-2332.

### 3. Abstracts and presentations (Extramural) 2007-present

American Academy of Orthopaedic Surgeons Annual Meeting  
San Diego, CA, February 2007

1. Poster presenter:

*Lengthening and Then Nailing of the Lower Extremity*

Poster #P459

2. Scientific Exhibit, Presenter:

*Complex Ankle Fusion with the Ilizarov/ Taylor Spatial Frame- SE42*

American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting

Toronto, Ontario; July 12-15, 2007

Podium presentations:

1. *Ankle Distraction Arthroplasty- A Study of Outcome*
2. *Innovations in Ankle Distraction Arthroplasty*
3. *Treatment of Failed Ankle Replacement with the Ilizarov Method*

Limb Lengthening and Reconstruction Society Annual Meeting

Chicago, IL; July 20-22, 2007

Moderator and presenter:

1. Moderated session on Reconstruction
2. *Lengthening and Plating (LAP)*
3. *Lengthening and then Nailing (LATN)- a Matched Case Comparison*
4. *Innovations in Ankle Distraction Arthroplasty (corporate presentation)*
5. *Ankle Joint Distraction Using the Ilizarov Fixator: A Study of Outcome*

American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting

Pre-meeting Course: State of Art Management of Ankle Arthritis

Denver, Colorado; June 25, 2008

*Periarticular Osteotomy for Ankle Arthritis*

Limb Lengthening and Reconstruction Society Annual Meeting

Albuquerque, NM; July 11-13, 2008

*Lengthening and Plating (LAP)*

*Acute Correction of Femoral Deformity with Fixator Assisted Plating and Computer Navigation*

Eastern Orthopaedic Association Annual Meeting

Paradise Island, Bahamas; June 17-20, 2009

1. *Joint Preservation of the Osteoarthritic Ankle Using Distraction Arthroplasty*

1. *Tibial Deformity Correction with the TSF*

Limb Lengthening and Reconstruction Society Annual Meeting

New York, NY; July 16-17, 2010

Moderator: *Foot and Ankle Reconstruction session*

Abstract Presentation:

*Supramalleolar Osteotomy for Deformity Correction using the TSF*

Eastern Orthopaedic Association Annual Meeting

Naples, FL; October 13-16, 2010

Podium Presentations:

1. *Limb Reconstruction After Musculoskeletal Oncologic Conditions- Feasibility of Applying the Ilizarov Method*
2. *Supramalleolar Osteotomy for Deformity Correction Using the Taylor Spatial Frame*

30<sup>th</sup> Annual Meeting of the Israel orthopaedic Association  
Jerusalem, Israel; December 1-3, 2010

A. Podium Abstract Presentations:

1. *Limb Reconstruction after Musculoskeletal Oncologic Conditions with the Ilizarov Method*
2. *Supramalleolar Osteotomy Using the TSF*
3. *Lengthening and Then Plating- a Case Matched Comparison*
4. *Lengthening over a Nail vs. Internal Lengthening with the ISKD for Femoral Lengthening*
5. *A Comparison of Two Techniques for Distal Femur Osteotomy: Unilateral Frame vs. Fixator Assisted Plating*
6. *Proximal Tibial Osteotomy with External Fixation for the Treatment of Varus Deformity*

B. Chairperson and Moderator of Geriatric Session

Limb Lengthening and Reconstruction Society Annual Meeting  
Chicago, IL; July 22-23, 2010

Moderator: *Deformity Correction/ Limb Lengthening session*

Abstract Presentation:

*Femur Deformity Planning: How to Control the CORA Location*

Date: \_\_\_\_\_ Signature: \_\_\_\_\_