



January 1982 - June 1986 Associate Professor of Orthopaedic Surgery Director, Division of Orthopaedic Trauma	Department of Orthopaedic Surgery University of South Florida, School of Medicine Tampa, Florida July 1986 - June 1991
Associate Professor of Surgery (Orthopaedics)	Cornell University Medical College 1300 York Avenue New York, New York July 1991 - June 30, 1998
Professor of Surgery (Orthopaedics)	Cornell University Medical College 1300 York Avenue New York, New York July 1, 1998 – December 31, 1999
Professor of Orthopaedic Surgery	Weill Medical College of Cornell University 1300 York Avenue New York, New York January 1, 1999 - Present
<b>HOSPITAL APPOINTMENTS:</b>	
Assistant Chief of Orthopaedic Surgery	Union Memorial Hospital; Baltimore, Maryland 1982 - 1986
Attending Orthopaedic Surgeon, Sports Medicine Center	Union Memorial Hospital; Baltimore, Maryland 1982 - 1986
Attending Surgeon, Department of Orthopaedics	Johns Hopkins University; Baltimore, Maryland 1982 - 1986
Staff (full-time), Orthopaedic Surgery	The Good Samaritan Hospital; Baltimore, Maryland 1982 - 1986
Staff (full-time), Orthopaedic Surgery	Children's Hospital, Baltimore; Maryland 1982 - 1986
Consultant, Orthopaedic Surgery	Loch Ravens Veterans Hospital; Baltimore, Maryland 1982 - 1986
Consultant, Orthopaedic Surgery	Bethesda Naval Hospital; Bethesda, Maryland 1982 - 1986
Director, Orthopaedic Trauma Service	Tampa General Hospital; Tampa, Florida 1986 - 1991
Attending Surgeon, Department of Orthopaedics	Tampa General Hospital; Tampa, Florida 1986-1991
Associate Attending Orthopaedic Surgeon	Hospital for Special Surgery; New York, New York 1/91 - 3/97
Attending Orthopaedic Surgeon	Hospital for Special Surgery, New York, New York 3/97 - Present
Director, Orthopaedic Trauma Service	Hospital for Special Surgery; New York, New York 1991 - Present
Associate Attending Surgeon (Orthopaedics)	New York Presbyterian Hospital; New York, New York 1991 - 1998
Attending Surgeon (Orthopaedics)	New York Presbyterian Hospital; New York, New York 1998 - 1991

Attending Surgeon, Department of Orthopaedics	New York Presbyterian Hospital, New York, New York 1991 - Present
Attending Surgeon, Department of Orthopaedics	Memorial Sloan Kettering Hospital; New York, New York 1991 - Present
Director of Combined Orthopaedic Trauma/ Fracture Service	Hospital for Special Surgery; New York, New York New York Presbyterian Hospital; New York, New York 1996 - Present

#### **HONORARY APPOINTMENTS:**

Honorary Surgeon, New York Police Department – January 1999 – Present  
Assistant Division Physician – New York State Police – April 1999 - Present

#### **SCHOLARLY HONORS AND AWARDS**

"Outstanding Professor Award" (Voted by the Residents/Fellows)	Department of Orthopaedic Surgery, University of South Florida.	1987 - 1988
Best Paper Award	Eastern Orthopaedic Association.	1989
Edward Bovill Award/ Best Paper	Orthopaedic Trauma Association.	1989
Best Paper Award	Eastern Orthopaedic Association.	1990
Best Resident Paper	Florida Orthopaedic Society.	1990
Best Overall Paper	Florida Orthopaedic Society.	1990
Selected Highlight Paper	Orthopaedic Trauma Association .	1990
Edward Bovill Award/ Best Paper	Orthopaedic Trauma Association	1994
Presidential Guest	British Orthopaedic Association	1994
Watson-Jones Memorial Lecture	British Orthopaedic Association	1994
Philip D. Wilson Jr. Teaching Award (Voted by the Residents)	Hospital for Special Surgery	1995
Presidential Guest	Israel Orthopaedic Association	1995
Presidential Guest	Deutsche Gesellschaft für Unfallchirurgie (German Orthopaedic Trauma Association)	2000

#### **SCHOLARLY SOCIETY MEMBERSHIPS:**

##### 1 Local

- (i) Maryland Orthopaedic Society (1982-1986)
- (ii) Maryland State Chairman, The Orthopaedic Research and Education Foundation, AAOS, 1986
- (iii) Hillsborough County Medical Association (1986-1991)
- (vi) Bay Area Orthopaedic Society (1986-1991)
- (v) Lower Pinellas County Orthopaedic Surgeons Group (1986-1991)
- (vi) Florida Medical Association (1987-1991)
- (vii) Florida Orthopaedic Society (1988-1991)
- (viii) Florida State Co-Chairman, The Orthopaedic Research and Education Foundation, AAOS, 1989
- (ix) Florida State Co-chairman, The Orthopaedic Research and Education Foundation, AAOS, 1990
- (x) Fellow, New York Academy of Medicine (1993-present)

## 2 National

- (i) Fellow, American Academy of Orthopaedic Surgeons (1984-present)
- (ii) Senior Member, AO/ASIF North America (1984-present)
- (iii) Member, Orthopaedic Trauma Association (1986-present)
- (iv) American Board of Orthopaedic Surgery Examiner, Part II - Oral (1989) - Oral (1990)
- (v) Member, American Trauma Society (1993 - present)
- (vi) American Orthopaedic Association (1994 - present)
- (vii) The Interurban Orthopaedic Society (1995-present)
- (viii) Fellow, American College of Surgeons (2001-present)
- (ix) American Board of Orthopaedic Surgery - Candidate for Board of Directors (2002)

## 3 International

- (i) AO/ASIF Foundation (Trustee) (1984 - present)
- (ii) Fellow of the International College of Surgeons (1987 - present)
- (iii) International Society of Orthopaedic Surgery and Traumatology (SICOT) (1988 - present)
- (iv) Deutsche Gesellschaft für Unfallschirurgie (DGU) - German Trauma Association (May 2000 - present)
- (v) International Medical Surgical Response Team (IMSuRT) (2003-2005)
- (vi) Italian AO Alumni Association – Honorary Member

## COMMITTEES:

### 1 Local

- (i) American College of Surgeons - State Committee on Trauma (Florida) (1988-1991)

### 2 National

- (i) AO/ASIF North America: Committee on Documentation (1987-1996)
- (ii) American Academy of Orthopaedic Surgeons: Sub-Committee on Trauma Evaluation (1989-1991)
- (iii) American Academy of Orthopaedic Surgeons: Committee on Trauma (1989-1995)
- (iv) American Academy of Orthopaedic Surgeons: Orthopaedic In Training Examination Committee (1989-1993)
- (v) Orthopaedic Trauma Association: Fellowship and Credentials Committee, Chairman (1989-1992)
- (vi) Orthopaedic Trauma Association: Committee on Coding and Classification (1992-1995)
- (vii) American Academy of Orthopaedic Surgeons Program Committee Annual Meeting, Subcommittee Member - Trauma (1990)
- (viii) American Board of Orthopedic Surgery: Oral Examination: Trauma, Coordinator (1992-1994)
- (ix) Orthopaedic Trauma Association: Board of Directors, Member at Large (1992-1994)
- (x) American Academy of Orthopaedic Surgeons: Sub-Committee on Trauma Evaluation (1994-1995)
- (xi) American Orthopaedic Association: International Traveling Fellowship Committee (1994 - 1997)
- (xii) Orthopaedic Trauma Association: Board of Directors, President Elect (1997-1998)
- (xiii) American Orthopaedic Association: Ad Hoc Committee on International Affairs (1996 - 1999)
- (xiv) Orthopaedic Trauma Association: Board of Directors, President (1998-1999)
- (xv) American Board of Orthopaedic Surgery: Question Writing Task Force (1997 - 2001)
- (xvi) American Orthopaedic Association: John J. Fahey, MD, Memorial North American Traveling Fellowship Subcommittee (1998-1999)
- (xvii) Orthopaedic Trauma Association: Education Committee (1998-2001)
- (xviii) American Orthopaedic Association: John J. Fahey, MD, Memorial North American Traveling Fellowship Subcommittee Chairman (1999-2001)
- (xix) American Orthopaedic Association: Editorial Board of the AOA News (1999-2000)
- (xx) American Orthopaedic Association: Fellowships Coordination Committee (1999-2001).
- (xxi) Orthopaedic Trauma Association: Nominating Committee Chairman (1999-2000)
- (xxii) American Academy of Orthopaedic Surgeons: Instructional Course Committee (March 2000-2005)
- (xxiii) American Academy of Orthopaedic Surgeons: Annual Meeting Committee (February 2001-2003)
- (xxiv) American Academy of Orthopaedic Surgeons – Nominating Committee Alternate Member (2006)

### 3 International

- (i) AO Foundation, Trustee, (1984 – Present)
- (ii) AO/ASIF Foundation - Commission on Documentation (1988-present)
- (iii) SICOT- President's Commission on Documentation (1988-1994)
- (iv) AO/ASIF Foundation - Business Council / Documentation (1988-present)

- (v) AO/ASIF Foundation - Commission on Education (1989-1996)
- (vi) AO/ASIF Documentation and Publishing Foundation - Chairman (1/1/99-present)
- (vii) AO/ASIF Technical Commission (AOTK) - (1998-present)
- (viii) AO/ASIF Technical Commission (AOTK (Spine) – (2004-present)

#### **EDITORIAL BOARD:**

Editorial Board, *The Journal of Orthopaedic Trauma* (1989-present)  
 Section Editor, *Current Opinions in Orthopaedics* (1989-1992)  
 Sub Editor, *Advances in Orthopaedic Surgery* [Trauma] (1990-1993)  
 Sub-Editor, *Perspectives in Orthopaedic Surgery* [Trauma] (1990-1993)  
 Editorial Board, *Techniques in Orthopaedics* (1990-present)  
 Editor-in-Chief, *Orthopaedic Review: Aspects in Trauma* (1993-1995)  
 Associate Editor, *Journal of Orthopaedic Techniques* (1994-present)  
 Editorial Board, *Journal of the American Academy of Orthopaedic Surgeons* (1994 -present)  
 Department Editor, *The American Journal of Orthopaedics* (1995-present)  
 Editorial Board, *Orthopaedic Knowledge Update : Trauma* (1996-1999)  
 Roster of Reviewers: *Journal of Bone and Joint Surgery* (1999-Present)  
 Roster of Reviewers: *The Journal of Trauma* – (2005 - Present)  
 Associate Editor, *The American Journal of Orthopaedics* (2006 – Present)  
 Second Editorial Committee, *Chinese Journal of Orthopaedic Trauma* (2006 - Present )

#### **OTHER BOARDS:**

- (i) NATIONAL ORTHOPAEDIC SURGERY FELLOWS FOUNDATION: Board Member (1994-present)
- (ii) THE BEST DOCTORS IN AMERICA: Board of Medical Advisors
- (iii) HOSPITAL FOR SPECIAL SURGERY: Board of Trustees (4/98 - present )
- (iv) HOSPITAL FOR SPECIAL SURGERY: Medical Board (7/98 - present)
- (v) SYNTHES: Board of Directors (3/01-present)

#### **RESEARCH GRANTS:**

- (I) AO/ASIF Foundation:  
 Johns Hopkins Medical School: "Biomechanical Assessment of Internal Fixation of Fractures of the Distal Humerus"  
 1984-86 DL Helfet MD (less than \$10,000)
- (ii) E M Pharmaceuticals, Inc.:  
 University of South Florida: "To Determine and Compare the Clinical Efficiency and Tolerance of Gentamycin PMMA Beads on Surgical Wire (Septopal) and Conventional Antibiotic Therapy for the Treatment of Chronic Osteomyelitis"  
 1986-88 P Spiegel, DL Helfet, et al (\$50,000)
- (iii) Zimmer, Inc.:  
 University of South Florida: "Trial of Fibrillar Collagen/Calcium Phosphate Ceramic" (COLHAP)  
 DL Helfet et al (\$15,000)
- (iv) Non-Invasive Technology, Inc.:  
 University of South Florida : "Sonic Bone Analyzer 2000 Clinical Evaluation"  
 1988 DL Helfet et al (less than \$10,000)
- (v) Interpore International:  
 University of South Florida : "Evaluation of Interpore Hydroxyapatite For Repair of Long Bone Defects, Phase I"  
 1983 P Spiegel, DL Helfet, et al (less than \$10,000)
- (vi) Interpore International:  
 University of South Florida : "Evaluation of Interpore Hydroxyapatite For Acute Metaphyseal and Diaphyseal Fractures, Phase II"

- 1988 DL Helfet, T Davis, et al (less than \$10,000)
- (vii) AO/ASIF International:  
University of South Florida : "Psychomotor Skills Workshop- Its Establishment and Efficacy in Resident Training"  
1988-90 DL Helfet, et al (\$200,000)
  - (viii) Maurice E. Müller Foundation:  
University of South Florida : "A Computerized Trauma Registry including Radiograph Digitization"  
1989 DL Helfet, DA Bierenbaum (SF 200,000).
  - (ix) AO/ASIF Foundation:  
University of South Florida : "Creation of an Integrated Fracture Documentation System - Data and X-ray",  
1989 DL Helfet, DA Bierenbaum (\$50,000).
  - (x) Maurice E. Müller Foundation [North America]:  
Hospital for Special Surgery: "Fracture Documentation and Classification"  
1992 DL Helfet, DA Bierenbaum (\$100,000).
  - (xi) AO/ASIF Foundation:  
Hospital for Special Surgery: "Histologic, Structural and Biologic Evaluation of Intraarticular Die Punch Fractures"  
1993 DL Helfet, JD Borrelli Jr, PA Torzilli (\$32,000).
  - (xii) Hospital for Special Surgery:  
Hospital for Special Surgery: "Outcome Evaluation in Patients Following Acetabular Fracture Surgery"  
1993 DL Helfet, S Zabinski (\$25,000)
  - (xiii) AO North America:  
Hospital for Special Surgery: "Evaluation of Articular Surface Stress Distribution Following Displaced Acetabular Fractures"  
1993 AL Malkani, DL Helfet, R Klein, T Wright (\$20,000)
  - (xiv) Maurice E. Müller Foundation [North America]:  
Hospital for Special Surgery: "Fracture Documentation and Classification"  
1994 DL Helfet (\$50,000)
  - (xv) Maurice E. Muller Foundation [North America]:  
Hospital for Special Surgery: "Fracture Documentation and Classification"  
1995 DL Helfet (\$50,000).
  - (xvi) AO/ASIF Foundation  
Hospital for Special Surgery. "Evaluation of Biomechanical Mediators of Heterotopic Ossification" (Phase I)  
1996 DL Helfet, P Shonnard, DG Lorich (\$42,500)
  - (xvii) Maurice E. Muller Foundation [North America]:  
Hospital for Special Surgery: "Fracture Documentation and Classification"  
1996 DL Helfet (\$96,000)
  - (xviii) AO/ASIF Foundation:  
Hospital for Special Surgery: "Evaluation of Biomechanical Mediators of Heterotopic Ossification" (Phase II)  
1997/1998 DL Helfet, CS Bartlett, J Lane, B Rapuano. (\$42,500)
  - (xix) Aircast, Inc.  
Hospital for Special Surgery: "Evaluation of DVT in Trauma Patients"  
1998 Westrich GH, Lane JM, Helfet DL. (\$50,000) [in progress]
  - (xx) MacArthur Cartilage Repair Research Grant::  
Hospital for Special Surgery: "Cartilage Repair After Traumatic Impact"  
11/1999-10/30/2000 Torzilli, P, Helfet DL (\$8,500) [in progress]

- (xxi) Merck Human Health Research Grant  
Hospital for Special Surgery: "The Effect of Indomethacin in MF-Tricyclic on the Development of Heterotopic Ossification in a Rat Model."  
2000 Helfet DL, Merk BR (\$50,000) [In progress]
- (xxii) Pfizer Pharmaceuticals  
Hospital for Special Surgery: "The Effect of Indomethacin in MF-Tricyclic on the Development of Heterotopic Ossification in a Rat Model."  
2000 Helfet DL, Merk BR (\$25,000) [In progress]
- (xxiii) Thomas G. Labreque  
Orthopaedic Trauma Service, Hospital for Special Surgery "Orthopaedic Trauma Research Fund"  
2000 Helfet DL (\$500,000) [In progress]
- (xxix) National Institutes of Health  
Hospital for Special Surgery: "Cartilage Degeneration Following Joint Trauma"  
2001 Torzilli P, Helfet DL (\$1,200,000/3 years) Grant #R01-AR47656, TDC [In progress]
- (xxx) Orthopaedic Trauma Association  
Hospital for Special Surgery: "Effects of Bisphosphonates and Parathyroid Hormone (PTH) in an Osteoporotic Fracture Healing Rodent Model"  
2005 Toro JB, Helfet DL, Lane J: (\$25,000)", [In progress]
- (xxxi) AO Research Grant (05-T8)  
Hospital for Special Surgery: "Effects of Bisphosphonates and Parathyroid Hormone (PTH) in an Osteoporotic Fracture Healing Rodent Model"  
2005 Toro JB, Helfet DL, Lane J (\$36,000/2 years)" [In progress]
- (xxxii) AO Research Grant (S-06-R12)  
Hospital for Special Surgery: "The role of PGR2 and BMP's in an animal model of ectopic ossification"  
2006 Rapuano B/Lane JM/Helfet DL (CHF 90,128/24 months) [In progress]

**COURSE CHAIRMAN:**

AO/ASIF Course and Workshop: The Operative Treatment of Fractures and Nonunions. [Co-Chairman Howard Rosen, MD] John Hopkins University; The Homestead, Hotsprings, Virginia; April 1983.

AO/ASIF Course and Workshop: The Operative Treatment of Fractures and Nonunions. University of South Florida; Orlando, Florida; October 1988.

American Academy of Orthopaedic Surgeons, Summer Institute: The Management of Periarticular Fractures of Major Joints in the Elderly. Chicago, Illinois; September 1989.

American Academy of Orthopaedic Surgeons, Summer Institute: Problem Articular Fractures. Monterey, California; September 1990.

Shriner Hospital Paediatric Fractures: One Day Course: Indications/Results of ORIF in Paediatric Trauma. [Co-Chairman John Ogden, MD]; Tampa, Florida; November 1990.

American Academy of Orthopaedic Surgeons, Summer Institute: Periarticular Fractures. Washington, DC; September 1991.

American Academy of Orthopaedic Surgeons, Summer Institute: Complex and Problem Fractures. [Co-Chairman Donald Wiss, MD] Seattle, Washington; September 1992.

American Academy of Orthopaedic Surgeons, Summer Institute: Complex and Problem Fractures. [Co-Chairman Donald Wiss, MD] New York, New York; September 1993.

American Academy of Orthopaedic Surgeons: Fractures of the Pelvis and Acetabulum. [Co-Chairman Joel Matta, MD] Rancho Mirage, California; November 1993.

American Academy of Orthopaedic Surgeons: Fractures of the Pelvis and Acetabulum. [Co-Chairman Joel Matta, MD] Rosemont, Illinois; June 1994.

AO/ASIF Operating Room Personnel Course. New York, New York; May 1994.

AO/ASIF Advanced Course and Workshop: Operative Treatment of Fractures and Non-unions. [Co-Chairman T. Ruedi, MD] Davos, Switzerland; December 1994.

AAOS (OLC): Fractures of the Pelvis and Acetabulum: State of the Art Management Techniques [Co-Chairman Joel Matta, MD] Rosemont, IL. May 1997

AO Pelvic/Acetabular Course: Seoul, Korea; August 1997

Hospital for Special Surgery & Cornell University Medical College - Management of Complex Injuries and Fractures of the Pelvis and Lower Extremities [Co-Chairman Joseph Lane, MD] New York, NY. May 1998

AO/ASIF Principles of Fracture Management Course - Hospital for Special Surgery, New York, July 1998

Orthopaedic Trauma Association 14th Annual meeting - Vancouver, B.C., Canada, October 8-10, 1998

AO/ASIF Pelvic and Acetabular Course - Singapore, January 27-30, 1999

AO/ASIF Advanced Pelvic and Acetabular Course - Johannesburg, Republic of South Africa, March, 2000

AO/ASIF Advanced Upper Extremity Course (Co-Chairman) - Johannesburg, Republic of South Africa, February/March, 2000.

AO Courses: Experts Meet Experts" Pelvis & Acetabulum Session - Davos, Switzerland - December 2001.

AO Pelvic and Acetabular Course - Seoul, Korea - August 2002

AO Advanced Trauma Course, International Chairman – Cape Town, South Africa – July 2004

AO Masters Forum – Mumbai, India – November 2004

AO Pelvic and Acetabular Course – Singapore – February 2005

AO Pelvic and Acetabular Fracture Management Course (Co-Chairman) – Birmingham, AL – June 2005

AO Masters Symposium – Hyderabad, India – October 2005

AO Masters Forum – New Delhi, India – November 2006

4<sup>th</sup> International Seminar on Acetabular & Pelvic Injuries (Co-Chairman P. Korovessis, MD) – Patras, Greece – January 2007

AO Masters Symposium – Current Concepts in Fracture Management, International Chairman – Istanbul Turkey, September 2007.

## **PRESENTATIONS:**

Symposium on External Fixation. Johns Hopkins University; Bahamas; 1979.

Symposium on Total Knee Replacement. Johns Hopkins University; Baltimore, Maryland; 1981.

American Academy of Orthopaedic Surgeons - Summer Institute: Pelvic Fractures. Boston, Massachusetts; September 1981.

Course and Workshop: New Horizons in Knee and Hip Surgery. University of California; Los Angeles, California; October

1981.

Course and Workshop: Total Knee Arthroplasty. University of California; Irvine, California; December 1981.

AO/ASIF Course and Workshop: The Operative Treatment of Fractures and Nonunions. University of Vermont; Vermont; October 1982.

Course and Workshop: The Operative Treatment of Osteoarthritis of the Knee and Hip Joints. M.E. Muller Foundation; Bern, Switzerland; October 1982.

AO/ASIF Course and Workshop: The Operative Treatment of Fractures and Nonunions. Davos, Switzerland; December 1982.

Helfet DL: "Fractures of the Distal Humerus".

Course and Workshop: Total Knee Arthroplasty. Phoenix, Arizona; January 1983.

Arthroscopy Association of North America. San Diego, California; January 1983.

Matthews LS, Zarins B, Helfet DL, Michael RM: "Portal Selection for Shoulder Arthroscopy"

American Academy of Orthopaedic Surgeons - Annual Meeting. Anaheim, California; March 1983.

Morden M, Helfet DL: "The Character of Spine Deformities in Marfan's Syndrome".

AO/ASIF Course and Workshop: The Operative Treatment of Fractures and Nonunions. John Hopkins University, The Homestead, Hotsprings, Virginia, April 1983.

(I) Helfet DL: "Fractures of the Distal Humerus"

(ii) Helfet DL: "Infected Non-Unions"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Arizona, Phoenix, Arizona; October 1983.

(I) Helfet DL: "Forearm Shaft Fractures"

(ii) Helfet DL: "How Not To Do AO"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Minnesota, Broadmoor; May 1984.

(I) Helfet DL: "Condylar Blade Plate in the Proximal Femur"

(ii) Helfet DL: "Infected Nonunion"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Mississippi, Davos, Switzerland; December 1984.

Helfet DL: "Fractures of the Distal Humerus"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of California, Davis; Sun Valley, Idaho; March 1985.

(I) Helfet DL: "Proximal Femur Fractures"

(ii) Helfet DL: "Infected Nonunions"

Total Knee/Hip Arthroplasty Course, Faculty & Speaker, Crystal City, Virginia April, 1985

(I) Helfet DL: "P.C.A. Total Knee Prosthesis"

(ii) Helfet DL: "P.C.A. Total Knee Replacement"

(iii) Helfet DL: "Trochanteric Osteotomies, Indication, Technique and Results"

(iv) Helfet DL: "Technique of Acetabular Revision Using a Müller Roof Ring and Screws"

Fracture Symposium and Workshop. University of Cape Town; South Africa; May, 1985.

(I) Helfet DL: "The External Fixator and Pelvic Fractures"

(ii) Helfet DL: "Fractures of the Distal Femur"

(iii) Helfet DL: "Fractures of the Humerus"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Texas; Houston, Texas; August 1985.

Helfet DL: "Angled Blade Plating Proximal & Distal Femur Fractures"

Puerto Rican Orthopaedic Association Annual Meeting. [Guest of Honor] Puerto Rico; September 1985.

Helfet DL: "Arthroscopy of the Shoulder".

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Florida; Orlando, Florida; September

1985.

- (I) Helfet DL: "Fractures of the Distal Humerus"
- (ii) Helfet DL: "Intramedullary Nailing of the Femur"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Toronto; Toronto, Ontario, Canada; January 1986.

Helfet DL: "The Treatment of Fractures of the Distal Humerus"

Fifth Annual Cherry Blossom Seminar: Arthroscopy and Arthroscopic Surgery of the Knee/Shoulder. Howard University; Washington, DC; April 1986.

- (I) Helfet DL: "Arthroscopy of The Shoulder"
- (ii) Helfet DL: "Arthroscopic Surgery of The Shoulder"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of California; San Diego, California; April 1986.

- (I) Helfet DL: "Forearm Fractures"
- (ii) Helfet DL: "Pre-Operative Planning, Technical Aspects"
- (iii) Helfet DL: "The Small External Fixator"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. Harvard University; Smugglers Notch, Vermont; September 1986.

- (I) Helfet DL: "Forearm Fractures"
- (ii) Helfet DL: "Distal Femur Fractures"
- (iii) Helfet DL: "How Not To Do AO"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Mississippi; Davos, Switzerland; December 1986.

- (I) Helfet DL: "Pelvic Fractures Classification & Basic Principles"
- (ii) Helfet DL: "Dynamic Hip Screw - Hip Fractures"

AO/ASIF Resident's Course: The Operative Treatment of Fractures and Nonunions. University of Mississippi; Jackson, Mississippi; February 1987.

- (I) Helfet DL: "Lag Screw Technique & Instruments"
- (ii) Helfet DL: "Preliminary Reduction & Fixation"
- (iii) Helfet DL: "Proximal Femur Fractures"
- (iv) Helfet DL: "How Not To Do AO"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Minnesota; Colorado Springs, Colorado; May 1987.

- (I) Helfet DL: "Fractures of the Distal Femur - Angled Blade Plate"
- (ii) Helfet DL: "Fractures of the Distal Humerus"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Mississippi; Ft. Lauderdale, Florida; September 1987.

- (I) Helfet DL: "History of Fracture Treatment, Preliminary Reduction and Fixation"
- (ii) Helfet DL: "How Not To Do AO"

American Academy of Orthopaedic Surgeons - Summer Institute. Boston, Massachusetts; September 1987.

Helfet DL: "The Management of Fractures of the Tibial Pilon"

AO/ASIF Course: Operative Treatment of Fractures. University of Toronto; Toronto, Canada; February 1988.

- (I) Helfet DL: "Fractures of the Talus"
- (ii) Helfet DL: "Fractures of the Distal Humerus"
- (iii) Helfet DL: "Indirect Reduction Techniques"

American Academy of Orthopaedic Surgeons - Annual Meeting. Atlanta, Georgia; February 1988.

- (I) Helfet DL, Rosen H: "The Management of Nonunions of the Distal Humerus"
- (ii) Helfet DL, Hotchkiss R: "A Biomechanical Assay of Internal Fixation of The Distal Humerus"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Washington; Sun Valley, Idaho; March 1988.

- (I) Helfet DL: "Fractures of the Distal Humerus",

- (ii) Helfet DL: "How Not to do AO"

Comprehensive Academy Review Course for Orthopaedic Surgeons. Chicago, Illinois; March 1988.

- (I) Helfet DL: "The Management of Pelvic Fractures"
- (ii) Helfet DL: "The Management of Acetabular Fractures"

Workshop on Fractures of the Pelvis and Acetabulum. University of Southern California; Los Angeles, California; March 1988.

AO/ASIF Foundation Meeting. Baden-Baden, Germany; June 1988.

Helfet DL: "Preliminary Results of Somatosensory Evoked Potential Monitoring in Acute Acetabular Fracture"

American Academy of Orthopaedic Surgeons - Summer Institute. San Diego, California; September 1988.

- (I) Helfet DL: "Plate Fixation of Tibial Non-Unions"
- (ii) Helfet DL: "The Management of Fractures of the Tibial Pilon"

AO/ASIF Course: Operative Treatment of Fractures and Non-Unions. University of South Florida; Orlando, Florida; October 1988.

- (I) Helfet DL: "Preoperative Planning"
- (ii) Helfet DL: "Management of Pelvic Fractures"
- (iii) Helfet DL: "How Not To Do AO"

American Association for the Surgery of Trauma. New Port Beach, California; October 1988.

Johansen K, Helfet DL, Davies M, Hansen ST: "Objective Criteria Accurately Predict Amputation Following Lower Extremity Trauma"

Orthopaedic Trauma Association - Annual Meeting. Dallas, Texas; October 1988.

- (I) Helfet DL, Johansen K, Howey T, Davies M, Sanders RW, Hansen ST: "Objective Criteria Accurately Predict Amputation Following Lower Extremity Trauma"
- (ii) Sanders R, Fortin P, Helfet DL: "Surgical Glove Perforations - The Efficacy of Cloth Gloves Versus Latex Gloving"
- (iii) Johnson E, Simpson L, Helfet DL: "Delayed Exchange Intramedullary Nailing Following External Fixation of Tibia Fractures"

American Academy Orthopaedic Surgeons: Pelvic and Lower Extremity Problem Fractures. Napa, California; November 1988.

- (I) Helfet DL: "Midfoot Fracture and/or Dislocations"
- (ii) Helfet DL: "Tibial Plafond Fractures"
- (iii) Helfet DL: "Knee Dislocations"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. Davos, Switzerland; December 1988.

- (I) Helfet DL: "Small Fragment Set/Tension Band Wiring - Technical Mistakes, Problems, Tricks"
- (ii) Helfet DL: "Injuries to the Pelvic Ring - Hazards, Complications, Results"
- (iii) Helfet DL: "Management of Aseptic Non-Union (Diaphysis and Juxta-articular)"
- (iv) Helfet DL: "Open Tibia Fractures: How to Stabilize Them"

American Academy of Orthopaedic Surgeons - Annual Meeting. Las Vegas, Nevada; February 1989.

- (I) Helfet DL, Hissa E, Mast J: "Intraoperative Somatosensory Evoked Potential Monitoring in Acute Acetabular Fracture Surgery"
- (ii) Sanders R, Fortin P, Helfet DL: "Surgical Glove Perforations - The Efficacy of Cloth Gloves Versus Latex Gloving"

American Academy of Orthopaedic Surgery - OTA Specialty Day. Las Vegas, Nevada; February 1989.

- (I) Sanders RW, Fortin P, Ross E, Helfet DL: "The Efficacy of Cloth Versus Latex Outer Gloves in the Practice of Orthopaedic Surgery"
- (ii) Helfet DL, Johansen K, Howey T, Davies M, Sanders RW, Hansen ST: "Objective Criteria Accurately Predict Amputation Following Lower Extremity Trauma"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of California, Los Angeles; Los Angeles, California; February 1989.

- (I) Helfet DL: "Plate Fixation, Femur Fractures"
- (ii) Helfet DL: "Pre-Operative Planning and Preliminary Reduction"

- (iii) Helfet DL: "How Not to Do AO"

Current Concepts and Methodology in Lower Extremity Joint Replacement and Fracture Fixation. University of Colorado; Vail, Colorado; March 1989.

Helfet DL: "Acetabular Fractures, Classification, and Diagnosis"

Instructional Course - Orthopaedic Trauma: South African Orthopaedic Association. [Guest of Honor] University of Stellenbosch, Cape Town; Cape Town, South Africa; March 1989.

- (I) Helfet DL: "Salvage versus Amputation in Compound Fractures and Vascular Injury"
- (ii) Helfet DL: "Diagnosis, Classification and Acute Management of Pelvic Fractures"
- (iii) Helfet DL: "Open Reduction and Internal Fixation of Unstable Pelvic Fractures"
- (iv) Helfet DL: "Diagnosis and Stabilization of Acute Acetabular Fractures"
- (v) Helfet DL: "The Management of Subtrochanteric Femur Fractures"
- (vi) Helfet DL: "The Management of Supracondylar Femur Fractures"
- (vii) Helfet DL: "The Management of Ipsilateral Neck and Femoral Shaft Fractures"
- (viii) Helfet DL: "The Management of Fractures of the Tibial Plateau"
- (ix) Helfet DL: "Preoperative Planning for Lower Extremity Acute Trauma and Correction of Deformities"
- (x) Helfet DL: "Management of Fractures of the Distal Humerus"
- (xi) Helfet DL: "Management of Fractures of the Talus"
- (xii) Helfet DL: "Management of Calcaneal Fractures"
- (xiii) Helfet DL: "How Not To Do AO"
- (xiv) Helfet DL: "Management of Nonunion and Deformity"

American Academy of Orthopaedic Surgeons, Comprehensive Review Course. Chicago, Illinois; April 1989.

Helfet DL: "Fractures of the Pelvis and Acetabulum"

Toronto Pelvic and Acetabular Fracture Management Course. University of Toronto; Toronto, Ontario, Canada; April 1989.

- (I) Helfet DL: "The Acetabulum - Posterior Types"
- (ii) Helfet DL: "Complex Acetabular Problems - Nerve Injury - The Role of Intraoperative Monitoring"
- (iii) Helfet DL: "Pelvic Internal Fixation - Problems and Complications"

AO/ASIF Course: The Operative Treatment of Fractures and Nonunions. University of Mississippi; Phoenix, Arizona; May 1989.

- (I) Helfet DL: "Humeral Shaft Fractures - When & How"
- (ii) Helfet DL: "Open Tibial Fractures - How to Stabilize Them"
- (iii) Helfet DL: "Pelvic Injuries- Hazards, Complications, Results"
- (iv) Helfet DL: "Preoperative Planning of Femoral Osteotomies, Angled Blade Plate Implants, Instruments and Technique"
- (v) Helfet DL: "External Fixation of the Wrist"
- (vi) Helfet DL: "How Not to Do AO"

Fracture Forum: [Guest of Honor] University of Nottingham; Nottingham, England; June 1989.

- (I) Helfet DL: "Fixation Distal Humeral Fractures"
- (ii) Helfet DL: "Acetabular Fractures - Surgical Approaches"
- (iii) Helfet DL: "Limb Salvage vs.. Amputation- MESS"

University of Nottingham- Grand Orthopaedic Rounds. Nottingham, England; June 1989.

Helfet DL: "Modern Trends in the Operative Treatment of Open Tibial Fractures".

University of Cape Town Course and Workshop: Operative Management of Fractures. Cape Town, South Africa; July, 1989.

Helfet DL: "Fractures of the Pelvis: Classification, Diagnosis, Decision Making, Surgical Approaches, Internal or

American Academy of Orthopaedic Surgeons - Summer Institute. Chicago, Illinois; September, 1989.

Helfet DL: "The Management of Periarticular Fractures of Major Joints in the Elderly"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Florida; Jacksonville, Florida; September 1989.

- (I) Helfet DL: "Management of Pelvic Fractures"
- (ii) Helfet DL: "How Not to Do AO"

Eastern Orthopaedic Association, Annual Meeting: \*\*

- (I) Sanders R, Fortin P, Helfet DL: "The Efficacy of Cloth Versus Latex Gloves" [Eastern Orthopaedic Scholar Award]
- (ii) Helfet DL, Johansen K, Howey T, Davies M, Sanders RW, Hansen ST: "Objective Criteria Accurately Predict Amputation Following Lower Extremity Trauma"

Orthopaedic Trauma Association, Annual Meeting: Philadelphia, Pennsylvania; October 1989.

- (I) Pappas J, Sanders R, DiPasquale T, Helfet D: "The Results of a Treatment Protocol for Complex, Open Injuries to the Ankle and Hindfoot"
- (ii) Sanders R, DiPasquale T, Fortin P, Helfet DL: "CT Classification Of Intraarticular Calcaneal Fractures"
- (iii) Helfet DL, DiPasquale T, Borrelli Jr J, Sanders RW: "Operative Stabilization of Acetabular Fractures in the Elderly"
- (iv) DiPasquale T, Helfet DL, Sanders RW, Howey T, Zinar D, Pompan D, Brooker A: "The Treatment of Open and/or Unstable Tibial Fractures with an Unreamed Double-Locked Tibial Nail"

Brigham's and Women's Hospital Grand Rounds. Harvard University; Boston, Massachusetts; November 1989.  
Helfet DL: "Acetabular Fracture Surgery- Preliminary Results and Complications"

Boston City Hospital Grand Rounds. Boston University; Boston, Massachusetts; November 1989.  
Helfet DL: "Complications of Pelvic Fractures"

Massachusetts General Hospital Grand Rounds. Harvard University; Boston, Massachusetts; November 1989.  
Helfet DL: "Acetabular Fracture Surgery- Preliminary Results and Complications"

American Academy of Orthopaedic Surgeons - Annual Meeting. New Orleans, Louisiana; February 1990.

- (I) Pappas J, Sanders RW, DiPasquale T, Helfet DL: "Results of a Treatment Protocol for Complex Open Ankle and Hindfoot Fractures" Scientific Presentation
- (ii) DiPasquale T, Helfet DL, Sanders RW, Howey T, Zinar D, Pompan D, Brooker A: "Treatment of Open and/or Unstable Tibial Fractures with an Unreamed Double-Locked Tibial Nail"

American Academy of Orthopaedic Surgeons - Annual Meeting: Instructional Course. New Orleans, Louisiana; February 1990.

Helfet DL: "Pelvic Fractures; Complications"

Advanced Trauma Seminar. [Guest Lecturer] University of Hannover; Hannover, West Germany; February 1990.

- (I) Helfet DL: "Fractures of the Distal Humerus"
- (ii) Helfet DL: "Complex Injuries to the Lower Extremity - Amputate vs. Salvage"
- (iii) Helfet DL: "Results of the Operative Treatment of Acetabular Fractures"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Toronto; Toronto, Ontario, Canada; March 1990.

- (I) Helfet DL: "Complex Fractures of the Distal Humerus";
- (ii) Helfet DL: "Complications of Pelvic and Acetabular Fractures";
- (iii) Helfet DL: "Complex Fractures of the Distal Femur"

AO/ASIF Course: Operative Treatment of Fractures and Nonunions. University of Washington; Monterey, California; March 1990.

- (I) Helfet DL: "The History of Fracture Care"
- (ii) Helfet DL: "Preoperative Planning"
- (iii) Helfet DL: "Fractures of the Distal Humerus"

American Academy of Orthopaedic Surgeons: Comprehensive Review. Chicago, Illinois; March 1990.  
Helfet DL: "Fractures of the Pelvis and Acetabulum"

Fourth Toronto Pelvic and Acetabular Fracture Management Course. University of Toronto; Toronto, Ontario, Canada; April 1990.

- (I) Helfet DL: "Pelvic Fractures; Complications"
- (ii) Helfet DL: "SSEP Monitoring in Acetabular Fractures"

Florida Orthopaedic Society. Captiva Island; April 1990.

Helfet DL: "The Operative Treatment of Calcaneal Fractures"

Fractures of the Femur [One Day Course]. University of South Florida; Tampa, Florida; May 1990.  
Helfet DL: "Ipsilateral Fractures Femoral Shaft and Neck"

Hospital for Special Surgery Grand Rounds. New York, New York; May 1990.  
Helfet DL: "The Management of Acute Acetabular Fractures with Limited Approaches and Indirect Reduction Techniques"

Johns Hopkins Hospital Grand Rounds. Johns Hopkins University; Baltimore, Maryland; May 1990.  
Helfet DL: "The Management of Acute Acetabular Fractures with Limited Approaches and Indirect Reduction Techniques"

American Orthopaedic Association - Annual Meeting. Boston, Massachusetts; June 1990.  
Helfet DL: "The Management of Acute Acetabular Fractures with Limited Approaches and Indirect Reduction Techniques"

American Academy of Orthopaedic Surgeons - Summer Institute: Problem Articular Fractures. [Course Chairman] Monterey, California; September 1990.

- (I) Helfet DL: "Fractures of the Distal Humerus"
- (ii) Helfet DL: "Why the 95- Blade Plate"

SICOT International Meeting. Montreal, Canada; September 1990.  
Helfet DL: "The Management of Acute Displaced Acetabular Fractures with Limited Approaches and Indirect Reduction Techniques"

University of Nottingham Fracture Forum. [Guest of Honor] Nottingham, England; October 1990.

- (I) Helfet DL: "Internal Fixation of Pelvic Fractures"
- (ii) Helfet DL: "The Mangled Extremity Score - Limb Salvage Decision Making"
- (iii) Helfet DL: "The Open Tibia Fracture - Modern Trends in Management"

Shriner Hospital: Paediatric Fracture Symposium. Tampa, Florida; November 1990.  
Helfet DL: "Indications & Results of ORIF in Paediatric Trauma"

Orthopaedic Trauma Association Annual Meeting. Toronto, Ontario, Canada; November 1990.  
(I) Stickney J, Helfet DL: "Deep Vein Thrombosis Prevention in Orthopaedic Trauma Patients"  
(ii) Koval K, Borrelli Jr J, Sanders R, DiPasquale T, Helfet D: "Indirect Reduction and Percutaneous Screw Fixation of Displaced Tibial Plateau Fractures"

American College of Surgeons - Annual Meeting: Puerto Rico Chapter. Helfet DL: "The Acute Diagnosis, Classification and Management of Pelvic Fractures". San Juan, Puerto Rico; February 1991.

American Academy of Orthopaedic Surgeons - Annual Meeting. Anaheim, California; March 1991.  
(I) Schmeling GJ, Helfet DL: "Management of Acute Displaced Acetabular Fractures Using Indirect Reduction Techniques and Limited Approaches"  
(ii) Stickney J, Helfet DL: "Deep Vein Thrombosis Prevention in Orthopaedic Trauma Patients"

American Academy of Orthopaedic Surgeons - Annual Meeting: Instructional Course. Anaheim, California; March 1991.  
Helfet DL: "Pelvic Fractures, Complications"

Orthopaedic Trauma Association - Annual AAOS Specialty Day: Open Fractures. Anaheim, California; March 1991.  
Helfet DL: "Limb Salvage and Antibiotic Usage"

American Academy of Orthopaedic Surgeons: Comprehensive Review Course for Orthopaedic Surgeons. Chicago, Illinois; April 1991.  
Helfet DL: "Fractures of the Pelvis and Acetabulum"

AO/ASIF Basic and Advanced Course. Emory University; Marco Island, Florida; April 1991.  
(I) Helfet DL: "Intraarticular Distal Humerus Fractures"  
(ii) Helfet DL: "Fractures of the Distal Femur"  
(iii) Helfet DL: "Preoperative Planning"

University of Toronto Fifth Toronto Pelvic and Acetabular Fracture Course. Toronto, Canada; April 1991.

- (I) Helfet DL: "Sacroiliac Dislocations -Role of Anterior vs.. Posterior Fixation"
- (ii) Helfet DL: "Complications of Pelvic Disruption"
- (iii) Helfet DL: "Acetabular Fractures: Neurological Complications - Prevention with Intraoperative Monitoring"

Lenox Hill Hospital: Schnurmacher Visiting Lectureship. New York, New York; May 1991.

- (I) Helfet DL: "Fractures and Nonunions of the Distal Humerus"
- (ii) Helfet DL: "How Not To Do AO"

Lenox Hill Hospital: Grand Rounds. New York, New York; May 1991.

Helfet DL: "The Management of Acetabular Fractures"

American Academy of Orthopaedic Surgeons, Summer Institute: Periarticular Fractures; Washington, DC; September 1991.

- (I) Helfet DL: "Fractures of the Distal Humerus"
- (ii) Helfet DL: "Fractures of the Acetabulum"

American Academy of Orthopaedic Surgeons, Summer Institute: Problem Shaft Fractures; Washington, DC; September 1991.

- (I) Helfet DL: "Tibial Plating: Current Concepts"
- (ii) Helfet DL: "Fractures of the Femur - Shaft and Distal Third: When to Nail, When to Plate"
- (iii) Helfet DL: "Humeral Nonunions: Treatment Strategies"

AO/ASIF Residents Basic Course: Operative Treatment of Fractures and Nonunions. New York, New York; October 1991.

- (I) Helfet DL: "Basic Principles of Fracture Management and Operative Rationale"
- (ii) Helfet DL: "Distal Humerus Fractures: Indications, Techniques and Results"
- (iii) Helfet DL: "Mechanism and Classification of Pelvic Fractures: Indications for Stabilization"
- (iv) Helfet DL: "How Not to Do AO!"

Bellevue Hospital: Grand Rounds. New York University; New York, New York; October 1991.

Helfet DL: "The Management of Acetabular Fractures"

American Academy of Orthopaedic Surgeons: Orthopaedic Surgery Update - 1991. Dana Point, California; November 1991.

- (I) Helfet DL: "Fractures and Dislocations of the Ankle"
- (ii) Helfet DL: "Humeral Shaft Fractures: Operative vs.. Conservative Treatment"
- (iii) Helfet DL: "Operative Treatment of Fractures of the Proximal Humerus"
- (iv) Helfet DL: "Complex Fractures of the Acetabulum"
- (v) Helfet DL: "Aseptic Nonunion"

American Academy of Orthopaedic Surgeons: Advanced Concepts: Trauma of the Pelvis and Lower Extremities: Orlando, Florida; November 1991.

- (I) Helfet DL: "Complex Acetabular Fractures"
- (ii) Helfet DL: "Supracondylar Femur Fractures"
- (iii) Helfet DL: "Hip Malunion and Nonunion"

Orthopaedic Trauma Association Annual Meeting: Seattle, Washington; November 1991.

- (I) Sanders R, Koval K, Frankel M, DiPasquale T, Helfet D, Cordey J, Perren S: "Retrograde Reamed Femoral Nailing"
- (ii) Schmeling G, Helfet D, Mast J: "Somatosensory Evoked Potential Monitoring in the Surgical Treatment of Acute, Displaced Acetabular Fractures: Results of a Prospective Study"
- (iii) Helfet D, Jupiter J, Gasser S, Sanders R: "Indirect Reduction and Tension Band Plating of Tibial Nonunion with Deformity"

AO/ASIF Basic Course: Operative Treatment of Fractures and Nonunions -- Theoretical Basis and Practical Principles. Davos, Switzerland; December 1991.

- (I) Helfet DL: "Practical Exercises without Instruction"
- (ii) Helfet DL: "Fractures of the Distal Femur including DCS"
- (iii) Helfet DL: "Medullary Nailing Techniques: Interlocking with Blades"

AO/ASIF Advanced Course: Operative Treatment of Fractures and Nonunions -- Theoretical Basis and Practical Principles. Davos, Switzerland; December 1991.

- (I) Helfet DL: "The Lower Extremity: Distal Femur Fractures"
- (ii) Helfet DL: "The Lower Extremity: Pilon Fractures"

- (iii) Helfet DL: "The Acetabulum: Hazards, Complications and Results"

New York Academy of Medicine. New York, New York; January 1992.

Helfet DL: "Ankle Fractures"

AO/ASIF Basic and Advanced Fracture Course: The Operative Treatment of Fractures and Nonunions. University of Toronto; Toronto, Ontario, Canada; February 1992.

- (I) Helfet DL: "Complications of Acetabular Fractures"
- (ii) Helfet DL: "Emergencies in Pelvic Fractures - Their Recognition and Treatment"
- (iii) Helfet DL: "Complications of the Pelvic Fractures"
- (iv) Helfet DL: "The Supracondylar Femur Fracture: Methods of Reduction and Implant Selection"

New England Fracture Forum, Second Annual Meeting. Boston, Massachusetts; March 1992.

- (I) Helfet DL: "Distal Femur Fractures - Current Perspectives. The Role of Indirect Reduction."
- (ii) Helfet DL: "The Mangled Extremity Scoring System - When to Amputate."
- (iii) Helfet DL, Rüedi T: "External Skeletal Fixation. Grade IIIA and IIIB Fractures: Current Perspectives and Advances in Frame Design. Our Experience"
- (iv) Helfet DL: "Acetabulum Fractures: Current Perspectives"

AO/ASIF Basic and Advanced Course: Treatment of Fractures and Nonunions. University of Wisconsin; Sun Valley, Idaho; March 1992.

- (I) Helfet DL: "Preoperative Planning"
- (ii) Helfet DL: "Malunions About the Elbow"
- (iii) Helfet DL: "Complications of Pelvic Fracture Surgery"

American Academy of Orthopaedic Surgeons: Comprehensive Review Course for Orthopaedic Surgeons. Chicago, Illinois; April 1992.

Helfet DL: "Fractures of the Pelvis"

American Academy of Orthopaedic Surgeons: Management of the Multiply Injured Patient. Baltimore, Maryland; April 1992.

- (I) Helfet DL: "Pelvis and Acetabulum"
- (ii) Helfet DL: "Intraarticular Fractures - General Considerations"
- (iii) Helfet DL: "Management of Deep Vein Thrombosis"

Harvard Medical School: Osteotomy of the Hip and Knee - 1992 - Biology, Principles, and Techniques Including Posttraumatic Reconstruction. Boston, Massachusetts; May 1992.

- (I) Helfet DL: "Planning for Posttraumatic Reconstruction"
- (ii) Helfet DL: "Correction of Pelvic and Femoral Malunions"

Jacobi Hospital: Grand Round. Albert Einstein College of Medicine; Bronx, New York; June 1992.

Helfet DL: "Management of Acetabular Fractures"

Hospital for Joint Diseases: Grand Rounds. New York University College of Medicine; New York, New York; June 1992.

Helfet DL: "Management of Acetabular Fractures"

Australian-British-Canadian (ABC) Traveling Fellowship: Hospital for Special Surgery. New York, New York; June 1992.

Helfet, DL: "Complex Acetabular Fractures"

Combined English-Speaking Orthopaedic Association (AOA), Ninth Meeting: Symposium. Toronto, Ontario, Canada; June 1992.

- (I) Helfet DL: "Plate Correction of Deformities of the Lower Extremities"
- (ii) Helfet DL: "Classification and Documentation of Pelvic and Acetabular Fractures"

Combined English-Speaking Orthopaedic Association (AOA), Ninth Meeting: Instructional Course. Toronto, Ontario, Canada; June 1992.

- (I) Helfet DL, Moderator: "The Open Tibia"
- (ii) Helfet DL: "The Open Tibia: The Problem"

AO/ASIF: Board of Trustees Meeting. Davos, Switzerland; June 1992.

Helfet DL: "New Clinical Concepts: Unreamed Nail, Retro Nail"

Sixth Toronto Pelvic and Acetabular Fracture Course. University of Toronto, Toronto, Ontario, Canada; September 1992.

American Academy of Orthopaedic Surgeons, Summer Institute: Intensive Surgical Skills. Seattle, Washington; September 1992.

Helfet DL: "Ipsilateral Femoral Neck and Shaft Fractures."

Orthopaedic Trauma Association, Annual Meeting. Minneapolis, Minnesota; October 1992.

Helfet DL, Bierenbaum DA, Borrelli JD: "Documentation: A Database and Radiographic Digitization System for Orthopaedic Trauma"

Surgery of the Pelvis and Acetabulum: An International Consensus. Pittsburgh, Pennsylvania; October 1992.

- (I) Helfet DL, Schmeling GJ: "Limited Approaches and Indirect Reduction of Acetabular Fractures"
- (ii) Helfet DL, Schmeling GJ: "Somatosensory Evoked Potential Monitoring in Acute Acetabular Fracture Surgery"
- (iii) Helfet DL, Borrelli JD: "The Crescent Pelvic Fracture"
- (iv) Helfet DL: "The Acetabulum: Computer Record Keeping of Injury Patterns"
- (v) Helfet DL: "Thromboembolic Prophylaxis After Pelvic and Acetabular Fractures"
- (vi) Helfet DL, Nazarian S: "Alphanumeric Classification for Pelvic Fractures"
- (vii) Helfet DL: "3D CT of the Acetabulum"

Interurban Orthopaedic Society, 86th Annual Meeting. Hospital for Special Surgery; New York, New York; October 1992.

Helfet DL: "Deep Vein Thrombosis in Trauma Patients"

Cornell University School of Medicine: Surgical Grand Rounds. New York, New York; November 1992.

Helfet DL: "The Acute Management of the Patient with a Pelvic Fracture"

AO/ASIF Advanced Fracture Course: The Operative Treatment of Fractures and Nonunions. Davos, Switzerland; December 1992.

- (I) Helfet DL: "Fractures of the Proximal Tibia"
- (ii) Helfet DL: "Deep Vein Thrombosis in the Trauma Patient"
- (iii) Helfet DL: "Decision Making and Acute Management of Pelvic Fractures"
- (iv) Helfet DL: "The Supracondylar Femur Fracture: Methods of Reduction and Implant Selection"

American Academy of Orthopaedic Surgeons: Management of the Multiply Injured Patient. Vail, Colorado; January 1993.

- (I) Helfet DL: "Bony Stabilization of the Pelvis"
- (ii) Helfet DL: "Evaluation and Management of Acetabular Fractures"
- (iii) Helfet DL: "Intraarticular Fractures: General Considerations"
- (iv) Helfet DL: "Prevention of Deep Vein Thrombosis"

AO/ASIF Basic Course: The Operative Treatment of Fractures and Nonunions. Harvard University, Sturbridge, Massachusetts; January 1993.

- (I) Helfet DL: "Pelvis: Illustrative Cases"
- (ii) Helfet DL: "Acetabular Fractures: Contemporary Perspectives, Classification, Surgical Anatomy, Evaluation, Decision Making and Surgical Techniques for Simple Fracture Patterns Including Posterior Wall"

Stamford Hospital: Surgical Grand Rounds. Stamford, Connecticut; February 1993.

Helfet DL: "Emergencies in Pelvic Fractures"

American Academy of Orthopaedic Surgeons, Annual Meeting: Instructional Course. San Francisco, California; February 1993.

- (I) Helfet DL: "Fractures of the Pelvis: Complications of Pelvic Fractures"
- (ii) Helfet DL: "Fractures of the Acetabulum: Complications of Acetabular Fractures"

St. Vincent's Hospital: Grand Rounds. New York, New York; March 1993.

Helfet DL: "Complex Fractures of the Acetabulum"

Brooklyn Orthopaedic Society. Brooklyn, New York; March 1993.

Helfet DL: "Management of Complex Acetabular Fractures"

Valley Hospital: Grand Rounds. Hoboken, New Jersey; March 1993.

Helfet DL: "Complex Fractures of the Acetabulum"

Pennsylvania Orthopaedic Society, Annual Meeting: Advances in Adult Hip Surgery. Bermuda; April 1993.

- (I) Helfet DL: "Management of Complex Acetabular Fractures"
- (ii) Helfet DL: "Correction of Deformity of the Hip and Proximal Femur"

Orthopaedic Trauma Association, Trauma Update Meeting. Philadelphia, Pennsylvania; April-May 1993.

Helfet DL: "Intraarticular Fractures of the Os Calcis"

The First International Symposium on Surgical Treatment of Acetabular Fractures. Paris, France; May 1993.

- (I) Helfet DL, Schmeling GJ: "Sciatic Problems: Somatosensory Evoked Potential Monitoring in the Surgical Treatment of Acute Displaced Acetabular Fractures"
- (ii) Helfet DL, Malkani AL: "Intraoperative Monitoring of Motor Pathways During Operative Fixation of Acetabular Fractures: A Prospective Study."
- (iii) Helfet DL, Stickney J: "Deep Vein Thrombosis Prophylaxis in Trauma Patients"
- (iv) Helfet DL, Schmeling GJ: "The Management of Acute Displaced Acetabular Fractures Using Indirect Reduction Techniques and Limited Approaches"

Wayne State University - Visiting Professor. Detroit, Michigan; June 1993.

Helfet DL, Stickney J: "Deep Vein Thrombosis Prophylaxis in Trauma Patients"

Wayne State University: Grand Rounds. Detroit, Michigan; June 1993.

Helfet DL: "Complex Fractures of the Acetabulum"

American Academy of Orthopaedic Surgeons: Controversies in Traumatology 1993. Santiago, Chile; September 1993.

- (i) Helfet DL: "Pelvic Fractures: Nonsurgical Treatment versus External Fixation or Open Reduction"
- (ii) Helfet DL: "Tibial Nonunions: Plating, Nailing, Electrical Stimulation or Amputation"
- (iii) Helfet DL: "Humeral Shaft Fractures: The Indications and Results from Plating, Nailing and Bracing"

American Academy of Orthopaedic Surgeons, Summer Institute: Management of Complex Fractures. New York, New York; September 1993.

- (i) Helfet DL: "Ipsilateral Femoral Neck and Shaft Fractures"
- (ii) Helfet DL: "Distal Humeral Fractures"
- (iii) Helfet DL: "Fractures of the Acetabulum"

Orthopaedic Trauma Association, Annual Meeting. New Orleans, Louisiana; September 1993.

- (i) Montgomery K, Heise C, Helfet DL, Potter H: "The Evaluation of Acetabular Fractures with Magnetic Resonance (MR) Imaging"
- (ii) Helfet DL, Malkani A, Burga S, Heise C, Quinn T, Green D: "Intraoperative Monitoring of Motor Pathways During Operative Fixation of Acetabular Fractures: A Prospective Study"

AO Pelvic and Acetabular Fracture Management Course, Second Annual Meeting: St. George's Hospital. London, England; September 1993.

- (i) Helfet DL: "Pelvis: Anatomy and Radiology"
- (ii) Helfet DL: "Pelvis: External Fixation"
- (iii) Helfet DL: "Acetabulum: Combined Surgical Approach"
- (iv) Helfet DL: "Acetabulum: Surgical Approaches, T-shaped Acetabulum"
- (v) Helfet DL: "Pelvis: Revision Anatomy, Post Sacrum and SI Joint"

The Hospital for Special Surgery, North American Traveling Fellows. New York, New York; October 1993.

Helfet DL: "The Role of Spontaneous EMG's in Sciatic Nerve Monitoring in Acute Acetabular Fracture Surgery"

Washington Orthopaedic Society. [Guest Lecturer] Rosslyn, Virginia; October 1993.

Helfet DL: "Open Tibial Fractures - An Update"

AO/ASIF Residents Basic Course. University of Minnesota Medical School, Minneapolis, Minnesota; October 1993.

- (i) Helfet DL: "Nonunions of Proximal Femur"
- (ii) Helfet DL: "Acetabular Fractures: Classification and Evaluation"
- (iii) Helfet DL: "Management of Periarticular Nonunions: Techniques and Indications"
- (iv) Helfet DL: "How Not to Do AO!"

Northwestern University Grand Rounds. Chicago, Illinois; October 1993.  
Helfet, DL: "The Management of Complex Fractures of the Acetabulum"

American Academy of Orthopaedic Surgeons: Fractures of the Pelvis and Acetabulum. Rancho Mirage, California; November 1993.

- (i) Helfet DL: "Approaches: Ilio-Inguinal"
- (ii) Helfet DL: "Pelvis--ORIF: Results and Complications"
- (iii) Helfet DL: "Sacro-Iliac Fracture Dislocations: Posterior Stabilization"
- (iv) Helfet DL: "Results of Treatment of Acetabular Fractures: Indirect Reduction"
- (v) Helfet DL: "Acetabulum: Complications and Associated Injuries--Elderly"
- (vi) Helfet DL: "Complex Fractures of the Acetabulum: Single Approaches"

Morristown Memorial Hospital: Surgical Grand Rounds. Morristown, New Jersey; November 1993.  
Helfet DL: "Emergencies in Pelvic Trauma"

Forum Club Annual Meeting. The Hospital for Special Surgery, New York, New York; December 1993.  
Helfet DL: "Venous Thrombosis: Treatment and Prophylaxis in Trauma Patients"

American Academy of Orthopaedic Surgeons: Review and Update for Practicing Orthopaedic Surgeons. San Francisco, California; December 1993.  
Helfet DL: "Fractures of the Hip and Pelvis"

Fifth Annual Current Concepts in Trauma Care. Deer Valley, Utah; December 1993.

- (i) Helfet DL: "Principles of Plafond Fracture Treatment"
- (ii) Helfet DL: "Acetabular Fractures: Indications and Preferred Methods of ORIF"
- (iii) Helfet DL: "DVT in Orthopaedics"

Columbia University Medical Center: Grand Rounds. New York, New York; January 1994.  
Helfet DL: "The Management of Complex Fractures of the Acetabulum"

AO/ASIF Residents Basic Course. University of California, Los Angeles; Los Angeles, California; January 1994.

- (i) Helfet DL: "Preoperative Planning"
- (ii) Helfet DL: "Surgical Approaches for the Acetabulum"
- (iii) Helfet DL: Clinical Presentations: "The Hot Seat"
- (iv) Helfet DL: "Distal Humerus Fractures: Indications and Techniques"
- (v) Helfet DL: "How Not to Do AO!"

Third Annual Campbell Clinic Symposium. Scottsdale, Arizona; January 1994.

- (i) Helfet DL: "The Mangled Lower Extremity: Salvage or Not?"
- (ii) Helfet DL: "Acetabular Fractures: Current Treatment Concepts"

Seventh Toronto Pelvic and Acetabular Fracture Management Course. University of Toronto, Toronto, Canada; January 1994.

- (i) Helfet DL: "Sacroiliac Joint Dislocation and Fracture Dislocation and Iliac Fractures Posterior Techniques, Screws and Plates"
- (ii) Helfet DL: "Complications of Pelvic Disruption"
- (iii) Helfet DL: "Both Column Surgical Management: My Philosophy"
- (iv) Helfet DL: "Complications of Acetabular Fractures"

American Academy of Orthopaedic Surgeons, Annual Meeting. New Orleans, Louisiana; February 1994.

- (i) Helfet DL: Instructional Course, Fractures of the Pelvis: "Complications of Pelvic Fractures"
- (ii) Helfet DL: Instructional Course, Surgical Treatment of Acetabular Fractures II: "Complications of Acetabular Surgery"
- (iii) Borrelli J, Koval K, Helfet DL: "The Crescent Fracture; The Posterior Fracture Dislocation of the Sacroiliac Joint".
- (iv) Zabinski S, Helfet DL: "Results Versus Outcome of Operative Treatment of Acetabular Fractures: Current Hip Rating Systems Compared to Functional and Subjective Outcome Assessment".
- (v) Malkani A, Helfet DL, Heise C, Quinn TJ, Green D, Burga S: "Intraoperative Monitoring of Motor Pathways During Operative Fixation of Acute Acetabular Fractures"
- (vi) Montgomery K, Heise C, Helfet DL, Potter H: "The Evaluation of Acetabular Fractures with Magnetic Resonance (MR) Imaging"
- (vii) Helfet DL: OTA Specialty Day, Symposium Moderator: "Acetabular Fractures 1994: Who? How?"

- (viii) Helfet DL: OTA Specialty Day, Acetabular Symposium: "Complications, Prophylaxis and Treatment"
- (ix) DiPasquale T, Whiteman K, McKirgan, Herscovici, Helfet DL: OTA Specialty Day, Annual Highlight Papers: "The Intraoperative Detection of Intraarticular Screws Placed During Acetabular Fracture Fixation: A Simple Auscultation Technique" - winner, Edwin G. Bovill award.

International Conference on Orthopaedic Trauma: A Masterclass Symposium. University of Manchester Medical School, Manchester, United Kingdom; April, 1994.

- (i) Helfet DL: Intramedullary Nailing - "To Ream or Not to Ream, That is the Question: The Clinician's View"
- (ii) Helfet DL: Intramedullary Nailing - "How I Avoid Pitfalls"
- (iii) Helfet DL: Polytrauma Management - "My Way"
- (iv) Helfet DL: Intra-articular Fractures - "Complex Acetabulum"
- (v) Helfet DL: External Fixation - "Pelvis"

Yale University; Grand Surgical Rounds. New Haven, Connecticut; April, 1994.

Helfet DL: "The Management of Complex Acetabular Fractures via Indirect Reduction and Non-extensile Approaches"

Lenox Hill Hospital: Surgical Grand Rounds. New York, New York; May, 1994.

Helfet DL: "Emergencies in Pelvic Fractures"

American Orthopaedic Association Annual Meeting. Sun Valley, Idaho; June 1994.

Helfet DL, Malkani A, Heise C, Quinn TJ, Green D, Burga S: "Intraoperative Monitoring of Motor Pathways During Operative Fixation of Acute Acetabular Fractures"

Canadian Orthopaedic Association - Annual Meeting. Winnipeg, Manitoba, Canada; June, 1994.

- (i) Helfet DL: "Management of Sacral Fractures"
- (ii) Helfet DL: "Complications of Pelvic Disruption and Results of Treatment"

American Academy of Orthopaedic Surgeons, "Fractures of the Pelvis and Acetabulum". Rosemont, Illinois; June, 1994.

- (i) Helfet DL: "Approaches: Ilio-Inguinal"
- (ii) Helfet DL: "Pelvis ORIF - Results/Complications"
- (iii) Helfet DL: "Acetabulum - Complex Fractures: Single Approach"

AO/ASIF Advanced Fracture Course: The Operative Treatment of Fractures and Nonunions. Durban, South Africa; July, 1994.

- (i) Helfet DL: "The Management of Polytrauma"
- (ii) Helfet DL: "The Management of Acetabular Fractures"
- (iii) Helfet DL: "Limb Salvage vs. Amputation"
- (iv) Helfet DL: "Fractures of the Distal Femur: Techniques and Results"

AO/ASIF Basic Resident Course: The Operative Treatment of Fractures and Nonunions. Syracuse, New York; August, 1994.

- (i) Helfet DL: "Pilon Tibial Fixation "
- (ii) Helfet DL: "Pelvic External Fixation and Plating Symphysis Pubis"

AO/ASIF Advanced Course: The Operative Treatment of Fractures and Nonunions. Nottingham, United Kingdom; September, 1994.

- (i) Helfet DL: "Calcaneus Fractures"
- (ii) Helfet DL: "Complications of Pelvic & Acetabular Fractures"
- (iii) Helfet DL: "Compartment Syndromes"

The British Orthopaedic Association Annual Meeting: The 22nd Memorial Watson Jones Lecturer. Nottingham, United Kingdom; September, 1994.

Helfet DL: "Limb Salvage Versus Amputation; Technique over Reason?"

Orthopaedic Trauma Association Annual Meeting. Los Angeles, California; September, 1994.

Helfet DL: "Why Internally Fix Pelvic Disruptions? The Risk Benefit Equation"

Grant Medical Center: The Second Annual Orthopaedic Trauma Symposium. Columbus, Ohio; October, 1994.

- (i) Helfet DL: "Prophylaxis, Detection and Treatment of Thromboembolic Disease in Trauma Patients"
- (ii) Helfet DL: "Management of Complex Fractures of the Acetabulum: Indirect Reduction Techniques and Limited"

Surgery of the Pelvis and Acetabulum: An International Consensus. Pittsburgh, Pennsylvania; October, 1994.

- (i) Helfet DL: "Reduction Strategies"
- (ii) Helfet DL: "Complex Articular Fractures"
- (iii) Helfet DL: "Indirect Reduction Strategies Performed by use of Posterior Approach"
- (iv) Helfet DL: "Overview: Complications of Acetabular Fractures"
- (v) Helfet DL: "Overview: Complications of Pelvic Fractures"
- (vi) Helfet DL: "Overview: Sciatic Nerve Monitoring"
- (vii) Zabinski S, Helfet DL, et. al.: "Outcome Assessment after Operative Treatment of Displaced Acetabular Fractures"
- (viii) Montgomery KD, Potter H, Helfet DL: "The Use of Magnetic Resonance Imaging to Evaluate the Deep Venous System of the Pelvis in Patients with Acetabular Fractures"

Hospital for Special Surgery Alumni Association Annual Meeting. New York, New York; November, 1994.  
Helfet DL: "Closed Fractures, When to Open"

Western New York Orthopaedic Society Meeting/Bufalo General Hospital. Buffalo, New York; November, 1994.

- (i) Helfet DL: "Deep Vein Thrombosis in Trauma"
- (ii) Helfet DL: "Complex Fractures of the Acetabulum"

Salzburg Cornell Orthopaedic Seminar. Salzburg, Austria; November, 1994

- (i) Helfet DL: "Management of Complex Acetabular Fractures"
- (ii) Helfet DL: "External Fixation of Pelvic Fractures"
- (iii) Helfet DL: "Complex Fractures of the Shoulder"

Vrije Universiteit Brussels: Post Graduate Conferences. Brussels, Belgium; November, 1994.  
Helfet DL: "Open Fractures: Limb Salvage or Amputation"

AO/ASIF Basic and Advanced English Courses. Davos, Switzerland, December, 1994.

- (i) Helfet DL: "Non-union/Malunion of Proximal Femur Fractures"
- (ii) Helfet DL: "Acetabular Fractures; Results and Complications"
- (iii) Helfet DL: "Deep Venous Thrombosis in Trauma"

AO/ASIF Pelvis and Acetabular Fracture Course. Davos, Switzerland, December, 1994.

- (i) Helfet DL: "Acetabular Fractures I: Combined Approaches"
- (ii) Helfet DL: "Intraoperative Monitoring: Useful or Waste of Time?"
- (iii) Helfet DL: "Venous Thrombosis"

AO Advanced Course. Toronto, Canada, February, 1995.

- (i) Helfet DL: "Biology and Biomechanical Principles for Articular and Periarticular Fractures-How Do They Differ From the Diaphysis?"
- (ii) Helfet DL: "The Relationship of the Vasculature and of the Soft Tissues to Fracture Healing, Surgical Treatment and Functional Outcome"

AO Basic Course. Toronto, Canada, February, 1995.

- (i) Helfet DL: "Techniques of Direct and Indirect Reduction and their Biological Consequence"
- (ii) Helfet DL: "Venous Thrombosis in Trauma"

AAOS Annual Meeting. Orlando, Florida, February, 1995.

- (i) Helfet DL: "Pelvic Fractures and Posterior Fixation: To Fix or Not to Fix? Complications of Pelvic Fixation"
- (ii) Helfet DL, Asprinio D, Khilani M, Potter H: "Long Term Effects of Percutaneous Transvenous Inferior Vena Caval Filters in Acetabular Fracture Patients"

AAOS Annual Meeting, Instructional Course Lectures: Surgical Treatment of Acetabular Fractures. Orlando, FL, 1995.

- (i) Helfet DL: "Approaches"
  - (ii) Helfet DL: "Complications of Acetabular Fractures"
- Instructional Course Lectures: Fractures of the Pelvis.  
Helfet DL: "Complications of Pelvic Injuries"

OTA Specialty Day; AAOS Annual Meeting, Orlando, FL, 1995.

- (i) Helfet DL: "Anything New with Distal Intra-Articular Fractures?"
- (ii) Helfet DL: "Acute Care of Pelvic Fractures"- Moderator

University of Pennsylvania Annual Trauma & Sports Medicine Seminar. Snowmass, Colorado, March, 1995.

- (i) Helfet DL: "Management of Complex Acetabular Fractures"
- (ii) Helfet DL: "Complications of Acetabular Fractures"
- (iii) Helfet DL: "Deep Venous Thrombosis- Detection, Prophylaxis & Treatment in Trauma Patients"

AO/ASIF Basic and Advanced Course. Sun Valley, Idaho, March, 1995.

- (i) Helfet DL: "Reduction Techniques- Direct, Indirect- Why, How and When"
- (ii) Helfet DL: "Biological Fixation-Rationale"
- (iii) Helfet DL: "Practical Exercise I- Preoperative Planning"
- (iv) Helfet DL: "Acetabular"
- (v) Helfet DL: "Acetabular Fractures-What to Fix for a General Orthopaedic Surgeon"
- (vi) Helfet DL: "Preoperative Planning"

AAOS Perspectives of Trauma Surgery. Santa Fe, NM, April, 1995.

- (i) Helfet DL: "Limb Salvage vs. Amputation"
- (ii) Helfet DL: "Distal Humerus Fractures"
- (iii) Helfet DL: "Ilioinguinal"
- (iv) Helfet DL: "Anterior Stabilization-Transverse, Anterior Column, Both Columns"
- (v) Helfet DL: "Supracondylar Femur Fractures"

Rizzoli Institute International Conference on Surgical Treatment of Joint Fractures, Bologna, Italy, April, 1995.

- (i) Helfet DL: "The Crescent Fracture"
- (ii) Helfet DL: "Management of Acute Displaced Fractures Using Reduction Techniques and Limited Approaches"
- (iii) Helfet DL: "Post Traumatic Reconstruction of the Hip and Proximal Femur"
- (iv) Helfet DL: "Emergency Management of the Pelvic Fractures"
- (v) Helfet DL: "Complex Fractures of the Tibial Plateau"
- (vi) Helfet DL: "DVT in Trauma; Prophylaxis and Treatment"

Eighth Toronto Pelvic and Acetabular Fracture Management Course, Toronto, Canada, May, 1995.

- (i) Helfet DL: "Controversies- Surgical Approaches"
- (ii) Helfet DL: "The T-Fracture- The Anterior Plus Posterior Hemi-Transverse"
- (iii) Helfet DL: "My Philosophy"
- (iv) Helfet DL: "Complications of the Acetabulum"
- (v) Helfet DL: "Internal Fixation Complications"
- (vi) Helfet DL: "Sacroiliac Dislocation and Fracture Dislocation"

Philadelphia Orthopaedic Society, Philadelphia, PA, May, 1995.

Helfet DL: "Limb Salvage Versus Amputation in Trauma: Technique over Reason"

Orthopaedic Trauma Association, Buffalo, New York, May, 1995.

- (i) Helfet DL: "Femoral Neck Fractures-The Young Adult"
- (ii) Helfet DL: "Acetabular Fractures-Classification"
- (iii) Helfet DL: "Acetabular Fractures-ORIF"
- (iv) Helfet DL: "Calcaneal Fractures"

AOA Annual Meeting, White Sulphur Springs, W. Virginia, June, 1995.

Helfet DL: "Detection and Management of Deep Venous Thrombosis in Patients with Acetabular Fractures"

The First Annual Orthopaedic Symposium, SUNY at Stony Brook, New York, June, 1995.

Helfet DL: "Complex Acetabular Fractures"

XXVII Annual Convention-Puerto Rico Orthopaedic and Traumatology Society, Puerto Rico, September 1995

- (i) Helfet DL: "Post Traumatic Reconstruction of the Hip and Proximal Femur"
- (ii) Helfet DL: "Complex Fractures of the Tibial Plateau"
- (iii) Helfet DL: "Intraarticular Fractures of the Distal Femur"

Argentina Orthopaedic Trauma Association Meeting, Buenos Aires, Argentina, September, 1995.

- (i) Helfet DL: "Management of Complex Acetabular Fractures: Indirect Reduction and Non-Extensile Exposure"
- (ii) Helfet DL: "Management of Post-Traumatic Deformity of the Hip and Proximal Femur"
- (iii) Helfet DL: "Management of Fractures of the Calcaneus"

Orthopaedic Trauma Association, Tampa, FL, September, 1995.

- (i) Helfet DL: "Supracondylar Fractures, ORIF"
- (ii) Helfet DL: "Tibial Plateau Fractures- Classification"
- (iii) Helfet DL: "How Not To Do ORIF"

77th Annual Meeting of the Alumni Association of the Hospital for Special Surgery, New York, NY, November, 1995.

- (i) Helfet DL: "Elbow Fracture Dislocation"
- (ii) Helfet DL: "Peritrochanteric Fractures Following Use of Cannulated Screws for Nondisplaced Femoral Neck Fractures"
- (iii) Helfet DL: "Detection and Management of Proximal Deep Venous Thrombosis in Patients with Acute Acetabular Fractures"

Kalamazoo Center for Medical Studies, Kalamazoo, Michigan, November, 1995.

- (i) Helfet DL: "Emergencies in Pelvic Fractures"
- (ii) Helfet DL: "Limb Salvage vs. Amputation"
- (iii) Helfet DL: "Post Traumatic Deformity of the Hip and Proximal Femur"
- (iv) Helfet DL: "Fractures of the Calcaneus"
- (v) Helfet DL: "Complex Fractures of the Acetabulum: Nonextensile Approaches and Indirect Reduction"
- (vi) Helfet DL: "Complications of Acetabular Fractures"

Israel Orthopaedic Association Annual Meeting, Tel Aviv, Israel, December, 1995.

- (i) Helfet DL: "Management of Complex Fractures of the Acetabulum via Non Extensile Approaches and Indirect Reduction Technique"
- (ii) Helfet DL: "Management of Fractures of the Tibial Pilon"

Hadassah University Orthopaedic Grand Rounds, Hadassah, Israel, December, 1995.

Helfet DL: "Limb Salvage vs Amputation; Technique over Reason?"

Milwaukee Orthopaedic Association, Milwaukee, January, 1996.

Helfet DL: "Limb Salvage vs Amputation; Technique over Reason?"

Medical College of Wisconsin, Orthopaedic Grand Rounds, Milwaukee, January, 1996.

Helfet DL: "Post Traumatic Deformity of the Hip and Proximal Femur"

Cleveland Orthopaedic Society, Case Western Reserve University, Cleveland, Ohio, January, 1996.

- (i) Helfet DL: "The Management of Complex Acetabular Fractures with Non-Extensile Approaches and Indirect Reduction Techniques"
- (ii) Helfet DL: "The Grade IIIC Tibia; Limb Salvage vs. Amputation"

AAOS Annual Meeting, Instructional Course Lectures: Surgical Treatment of Acetabular Fractures. Atlanta, Georgia, February, 1996.

- (i) Helfet DL: "Approaches"
  - (ii) Helfet DL: "Complications of Acetabular Fractures"
- Instructional Course Lectures: Fractures of the Pelvis  
Helfet DL: "Complications of Pelvic Injuries"

Orthopaedic Trauma Association Specialty Day, Atlanta, Georgia, February, 1996.

Helfet DL: "Controversy: Do We Fix Complex Acetabular Fractures to Supply Bone Stock for Total Hip Arthroplasty? No!"

AO Fractures of the Pelvis and Acetabulum Seminar, Hannover, Germany, March, 1996.

- (i) Helfet DL: "Emergency Management of the Pelvis"
- (ii) Helfet DL: "Correction of Malunion and Nonunion"
- (iii) Helfet DL: "Surgical Anatomy"
- (iv) Helfet DL: "Choice of Approach"
- (v) Helfet DL: "Complex Acetabular Fractures: Indirect Reduction- Non-Extensile Single Approaches"

- (vi) Helfet DL: "Thromboembolic Disease- Prophylaxes, Screening, Management"

Seton Hall University Trauma Update, New Brunswick, N.J., March 1996.

Helfet DL: "Emergency Management of Pelvic Fractures"

AO/ASIF Basic and Advanced Course. Marco Island, Florida, March, 1996.

- (i) Helfet DL: "Preoperative Planning"
- (ii) Helfet DL: "Operative Indications: Who Should or Should Not Be Operated On"
- (iii) Helfet DL: "How Not To Do AO"

Harvard University Grand Rounds. Boston, Massachusetts, April, 1996.

Helfet DL: "Limb Salvage vs. Amputation"

AAOS Perspectives of Trauma Surgery - Tarpon Springs, Florida, April, 1996.

- (i) Helfet DL: "Limb Salvage vs. Amputation"
- (ii) Helfet DL: "Distal Humerus Fractures"
- (iii) Helfet DL: "Anterior Approaches and Fixation Techniques"
- (iv) Helfet DL: "Supracondylar Femur Fractures"

AAOS Practical Techniques for Improved Management. - Rosemont, Illinois, June, 1996.

Helfet DL: "Distal Humerus Fractures"

ABC Travelling Fellows Presentation. The Hospital for Special Surgery, New York, June, 1996.

Helfet DL: "DVT in Acetabular Fractures: Prophylaxis, Screening and Treatment"

Edinburgh International Trauma Symposia. Edinburgh, Scotland; August 1996.

- (i) Helfet DL: "Acute Management of the Patient with a Pelvic Fracture"
- (ii) Helfet DL: "Adult Pelvic Fractures. Sacroiliac Fixation - When and How"
- (iii) Helfet DL: "Pelvic Fractures: Emergency Management of the Fracture and Patient"
- (iv) Helfet DL: "Adult Pelvic Fractures. Approaches and Management Techniques OR Sacroiliac Joint Disruption: Front or Back?"
- (v) Helfet DL: "Complications of Pelvic Fracture Stabilization"
- (vi) Helfet DL: "Adult Acetabular Fractures. Who Needs Fixation and How?"
- (vii) Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"
- (viii) Helfet DL: "Is Posttraumatic DVT a Problem?"

AO/ASIF Foundation-Board of Trustees Meeting. Edinburgh, Scotland, October, 1996.

Helfet DL: "Minimal Invasive Surgery in Traumatology"

Mt. Sinai Hospital Grand Rounds: New York, NY September 4, 1996

Helfet DL: "Limb Salvage vs. Amputation"

Thai Orthopaedic Association 18th Annual Meeting of the College of Orthopaedic Surgeons. Petchaburi, Thailand, October 1996 - Presidential Guest

- (i) Helfet DL: "Post Traumatic Reconstruction of the Hip and Proximal Femur"
- (ii) Helfet DL: "Management of Tibial Pilon Fractures"
- (iii) One Day Pelvic Symposium
  - Acute Management/External Fixator
  - Pelvic Ring Fracture in Children and Late Reconstruction
  - Complications of Pelvic Fractures
  - Surgical Approaches
  - Complications of Acetabulum Fractures

HSS Alumni Association 78th Annual Meeting. New York, NY, November 1996

- (i) Symposium – "Management of Tibial Non-Unions" Moderator Dr. Charles N. Cornell  
Helfet DL: "Repair Using Plate and Screw Fixation"
- (ii) Borrelli J, Helfet DL, Shonnard PY, Levine DS: "Biological Stabilization of Distal Tibia Fractures,
- (iii) Lorch DG, Shonnard PY, Helfet DL: "Evaluation of the Cell of Origin of Experimental Heterotopic Bone Formation"

AO/ASIF Advanced Course. Davos, Switzerland, December 8 - 13, 1996.

- (i) Helfet DL: "AO-Philosophy and Principles-Preoperative Planning"
- (ii) Helfet DL: "Diaphyseal Fractures: Preoperative Planning of Femur Osteotomy"
- (iii) Helfet DL: "High Energy Injuries: Part I Pelvis - Anatomy and Classifications of Pelvic Ring Injuries"

Comprehensive Trauma Course. Davos, Switzerland, December 8 - 13, 1996.

- (i) Helfet DL: "Surgical Anatomy and Approaches - Minimally Invasive Approach to the Pilon"
- (ii) Helfet DL: "Surgical Anatomy and Approaches - Minimally Invasive Approach to the Calcaneus"
- (iii) Helfet DL: "Reconstruction vs. Joint Replacement in Trauma - Is There an Indication for Primary Prosthetic Replacement in Fractures of the Distal Humerus?"
- (iv) Helfet DL: "Acetabular Fractures in the Elderly: Primary Reconstruction vs. Hip Replacement"

AAOS 64th Annual Meeting. Instructional Courses. San Francisco, Ca. February 13 - 17, 1997

- (I) Di Pasquale GD, Paksima N, Helfet DL: "Stabilization of Acetabular Fractures in the Elderly Patient"
- (II) Helfet DL, Mast JW, Mayo KA, Mears DC: "Surgical Treatment of Acetabular Fractures"
- (iii) Burgess AS, Kellam JF, Tile M, Helfet DL (Moderator): "Fractures of the Pelvis"

OTA Specialty Day. San Francisco, Ca. February 16, 1997.

- (I) Helfet DL: "Distal Humerus Fractures"
- (ii) Helfet DL: "Complex Femur Fractures" (Moderator)
- (iii) Helfet DL: "Intra-articular Supracondylar Fractures; Plating"

Lenox Hill Hospital Orthopaedic Grand Rounds. New York, NY February 24, 1997

Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture".

University of Pennsylvania Medical Center - 18th Annual Trauma and Sports Medicine Seminar. Steamboat Springs, Co. March 9 - 14, 1997

- (i) Helfet DL: "Tips and Pearls in Acetabular Fractures"
- (ii) Helfet DL: "Management of DVT in Trauma"
- (iii) Helfet DL: "Evaluation and Management of Pilon Fractures"

Nordic AO/ASIF Advanced Course - Are, Sweden, March 16 - 21, 1997

- (i) Helfet DL: "Non- and Malunions of the Proximal Femur"
- (ii) Helfet DL: "Talus and Lisfranc Injuries"
- (iii) Helfet DL: "Tibia Osteotomy (including preoperative planning)" - Practical Exercise
- (iv) Helfet DL: "Diaphyseal Nonunion - Indirect Reduction Technique" - Practical Exercise

SUNY at Stony Brook Grand Rounds - New York, April 23, 1997

Helfet DL: "Emergency Management of the Trauma Patient with a Pelvic Fracture"

The American Austrian Foundation - Cornell Seminar - Salzburg, Austria, April 26 - May 1, 1997

- (i) Helfet DL: "Acetabular Fractures"
- (ii) Helfet DL: "Distal Tibial and Pilon Fractures"

New York Medical College - Current Concepts in Hip Trauma and Reconstructive Hip Surgery - Tarrytown, NY, May 8 - 9, 1997

- (i) Helfet DL: "Salvage Procedures for Hip Fracture Complications"
- (ii) Helfet DL: "Internal Fixation: Indications & Results"
- (iii) Helfet DL: "Approach to the Elderly"

AAOS (OLC) - Fractures of the Pelvis and Acetabulum: State of the Art Management Techniques - Rosemont, IL., May 16-18, 1997 Co-Chairman

- (i) Helfet DL: "Anterior Pelvic Ring/Ilioinguinal Approach"
- (ii) Helfet DL: "Pelvic Fractures: ORIF (Indications/Timing/Techniques/Problems): Complications of Posterior Stabilization"
- (iii) Helfet DL: "Acetabular Fractures: Results and Complications: Management of DVT/PE - Complications"

New Jersey Medical School Orthopaedic Grand Rounds - Newark NJ, May 28-29, 1997

- (i) Helfet DL: "Limb Salvage vs.. Amputation in Trauma: Technique over Reason"
- (ii) Helfet DL: "Emergency Management of Patients with Pelvic Fractures"

Brown University- Rhode Island Hospital - Department of Orthopaedics Grand Rounds - Providence R.I., June 4, 1997

- (i) Helfet DL: "Management of Complex Acetabular Fractures Using Limited Approaches and Indirect Reduction Techniques"
- (ii) Helfet DL: "The Relationship of the Vasculature and Soft Tissues to Fracture Healing, Surgical Treatment and Functional Outcome"

Orthopaedic Institute Rizzoli - International Conference: The Upper Limb - Bologna, Italy, June 13 - 14, 1997

- (i) Helfet DL: "Complex Fractures of Distal Humerus"
- (ii) Helfet DL: "The Treatment of Humeral Diaphyseal Pseudoarthrosis"
- (iii) Helfet DL: "Distal Humerus Pseudoarthrosis: Therapeutic Protocol and Clinical Results"

AO Advanced Trauma Course - Pretoria, South Africa, July 16 - 18, 1997

- (i) Helfet DL: "Fractures of the Calcaneus: Classification and Management"
- (ii) Helfet DL: "Management Options for Pilon Fractures"
- (iii) Helfet DL: "Management of Complex Fractures of the Distal Femur"
- (iv) Helfet DL: "Classification of Pelvic and Acetabular Fractures"
- (v) Helfet DL: "Emergency Management of the Patient with a Pelvic Injury"
- (vi) Helfet DL: "General Management of Acetabular Fractures"

AO Pelvic/Acetabular Course - Seoul, Korea - August 14-17, 1997

- (i) Helfet DL: "The Pelvic Injury: Classification and Radiology"
- (ii) Helfet DL: "Posterior Pelvic Ring-Approaches/Techniques: The Crescent Fractures/Dislocation, SI Joint"
- (iii) Helfet DL: "Pelvic Fracture: Complications of Posterior Stabilization"
- (iv) Helfet DL: "Acetabular Fractures: ORIF: Kocher Langenbeck Approach/Indications/Techniques/Case Examples"
- (v) Helfet DL: "Acetabular Fractures: ORIF : Complications Including DVT"

Puerto Rico Orthopaedic Surgery Association Annual Meeting - Dorado, Puerto Rico - August 29-September 1, 1997

- (i) Helfet DL: "Management of Acetabular Fracture for the 'General' Orthopaedic Surgeon"
- (ii) Helfet DL: "Management of Pilon Fractures in the Era of Biological Internal Fixation"

Orthopaedic Trauma Association - 1997 Residents Basic Fracture Course - Louisville KY - October 16-19, 1997

Helfet DL: "Elbow Injuries: Supracondylar Fractures, ORIF"

Mount Sinai Medical Center Orthopaedic Grand Rounds - New York, NY - October 22, 1997

Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"

Beth Israel Medical Center, North Division Grand Rounds - New York, NY - November 20, 1997

Helfet DL: "Acetabular Fractures in the Elderly: Acute ORIF vs.. Primary THA"

AO/ASIF Basic & Advanced Courses - Toronto, Canada - January 8-11, 1998

- (i) Helfet DL: "Pelvic and Acetabular Controversies: Pelvic Ring"
- (ii) Helfet DL: "Complications of Acetabular Fractures"
- (iii) Helfet DL: "Articular Fractures: Principles of Management"
- (iv) Helfet DL: "Supracondylar Fractures of the Humerus"
- (v) Helfet DL: "DVT in Trauma Practice"

Winthrop University Hospital Guest Lecture Series - Mineola, NY - January 22, 1998

Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"

Northwestern University Medical School Orthopaedic Grand Rounds - Chicago, IL - January 30, 1998

Helfet DL: "Management of Fractures of the Tibial Pilon in the Era of 'Biological' Fixation"

Al Salama Hospital Lecture - Jeddah, Saudi Arabia - February 14, 1998

Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"

University of Pennsylvania Medical Center - 19th Annual Trauma & Sports Medicine Seminar - Snowmass, CO - February 22-27, 1998

- (i) Helfet DL: "Limb Salvage vs.. Amputation in Trauma: Technique vs.. Reason"
- (ii) Helfet DL: "Acetabular Fractures in the Elderly: ORIF vs.. Hip Replacement"
- (iii) Helfet DL: "Complex Fractures of the Distal Humerus"

AAOS 65th Annual Meeting - New Orleans, LA - March 19-23, 1998

Instructional Courses

- (i) Burgess AR, Kellam JF, Tile M, Helfet DL (Moderator): Fractures of the Pelvis  
"Management of Traumatic Disruptions of the Pelvic Ring"
- (ii) Helfet DL, Murphy GA, Kellam JF (Moderator): Calcaneal Fractures  
"Intraarticular Fractures of the Os Calcis"

National Medical Information Network (Lippincott-Raven Healthcare)- New Orleans, LA - March 20, 1998

Helfet DL: "Deep Vein Thrombosis: Detection, Prophylaxis, and Treatment in Trauma Patients"

Orthopaedic Trauma Association Specialty Day - New Orleans, LA - March 22, 1998

Controversies of Musculoskeletal Trauma: "Prophylaxis for Pulmonary Emboli in Orthopaedic Trauma Patients Is Unnecessary" Kellam JF: Yes

Helfet DL: No

University of Pennsylvania Medical Center (Visiting Professor) - Philadelphia PA - April 8, 1998

Helfet DL: "Pilon Fractures: Evaluation and Treatment Including Biological Internal Fixation (Percutaneous Plating Techniques)"

Helfet DL: "Limb Salvage vs. Amputation in Trauma: Technique Over Reason?"

University of Toronto-AO/ASIF - Ninth Toronto Pelvic and Acetabular Fracture Management Course - April 23-26, 1998 - Toronto, Canada

- (i) Helfet DL: "Pelvic Ring: Complications of Internal Fixation"
- (ii) Helfet DL: "Posterior Pelvic Fixation: Sacroiliac Dislocation and Fracture Dislocation"
- (iii) Helfet DL: "Acetabulum: Controversies and Perspectives-Surgical Approaches (Extensile vs.. Limited): My Philosophy"
- (iv) Helfet DL: "Acetabular Fractures: The T-Fracture (B2)  
The Anterior Plus Posterior Hemitransverse (B3)"
- (v) Helfet DL: "Complex and Controversial Issues - Acetabular Fracture: Complications"

Hospital for Special Surgery & Cornell University Medical College - Management of Complex Injuries and Fractures of the Pelvis and Lower Extremities - New York, NY, May 1-2, 1998.

- (i) Helfet DL: "Complex Supracondylar/Intracondylar Distal Femoral Fractures: Plate Fixation"
- (ii) Helfet DL: "Fractures of the Pelvis: Complications of Posterior Stabilization"
- (iii) Helfet DL: "Pilon Fractures: Limited ORIF and Percutaneous Plate Fixation"
- (iv) Helfet DL: "Calcaneal Fractures: Percutaneous Reduction/Fixation; Is this Applicable?"
- (v) Helfet DL: "Limb Salvage vs.. Amputation in Trauma"

AO/ASIF Technical Course: Advances in the Surgical Treatment of Fractures - May 8-11, 1998 - Los Andes, Chile.

- (i) Helfet DL: "Emergency Management of the Patient with a Pelvic Injury"
- (ii) Helfet DL: "Posterior Stabilization of the Pelvis: Indications, Technique, Complications"
- (iii) Helfet DL: "Acetabular Fractures: Acute Treatment for the 'General' Orthopaedic Surgeon"
- (iv) Helfet DL: "Complications of Acetabular Fractures"
- (v) Helfet DL: "Ipsilateral Neck and Shaft Fractures of the Femur"
- (vi) Helfet DL: "Calcaneal Fractures"
- (vii) Helfet DL: "Lisfranc Lesions"
- (viii) Helfet DL: "Proximal Femur: Management of Post Traumatic Deformities of the Femur"

New York Hospital Emergency Medicine Grand Rounds - May 20, 1998 - New York, NY

Helfet DL: "Emergency Management of the Patient with Pelvic Fracture"

AAOS: Current Controversies in the Management of Orthopaedic Trauma - May 28-31, 1998 - Tucson, AZ

- (i) Helfet DL: "Limb Salvage vs.. Amputation in Trauma: Technique over Reason"
- (ii) Helfet DL: "Acetabular Fractures: Current Controversies"
- (iii) Helfet DL: "Supracondylar and Intracondylar Femur Fractures: Plates"

AO Foundation Board of Trustees Meeting - Davos Switzerland - June 12-16, 1998

Debate: "Today's Surgical Fashion is Tomorrow's Litigation"

Proposers: DL Helfet

Opponents: EE Johnson

WM Murphy

JK Webb

AO/ASIF Principles of Fracture Management Course - Hospital for Special Surgery, New York, NY, July 30 - August 2, 1998

- (i) Helfet DL: "AO Principles and Philosophy: Progress and Evolution"
- (ii) Helfet DL: "Articular Fractures: Principles of Management"
- (iii) Helfet DL: "Review of Articular Fracture Principles"
- (iv) Helfet DL: "Acetabular Fracture: Diagnosis and Emergency Management"

Istanbul University, Department of Orthopaedics and Traumatology - Istanbul Turkey, September 4, 1998

Helfet DL: "The Emergency Management of the Patient with a Pelvic Fracture"

Orthopaedic Institute Rizzoli - International Congress on the Lower Limb - Bologna, Italy, September 18-19, 1998

- (i) Helfet DL: "Pseudoarthrosis of the Femoral Neck"
- (ii) Helfet DL: "Fractures of the Distal Femur: The Management of Complex Intra articular Fractures, Including Biological Osteosynthesis"

Corning Incorporated-Corporate Medical Department - Corning NY, September 26, 1998

Helfet DL: "Management of Acetabular Injuries & Impairment"

Orthopaedic Trauma Association's 1998 Residents Basic Fracture Course - Vancouver, B.C., Canada October 7-10, 1998

Helfet DL: "Elbow Injuries: Supracondylar Fractures, ORIF"

Eastern Orthopaedic Association 29th Annual Meeting - Puerto Rico, October 14-18, 1998

- (i) Symposium: Current Concepts of Femoral Fractures and IM Nailing - Helfet DL, Moderator/Organizer  
Helfet DL: "Femoral Neck and Shaft Fractures"
- (ii) Symposium: Treatment of Open Tibia Fracture - Helfet DL, Moderator/Organizer  
Helfet DL: "Limb Salvage: Technique Over Reason"

Lenox Hill Hospital Orthopaedic Grand Rounds - New York, NY, October 19, 1998

Helfet DL: "Emergencies in Pelvic Fractures: Their Recognition and Treatment"

Hospital for Special Surgery Rehabilitation Department - New York, NY, October 22, 1998

Helfet DL: "Evaluation and Management of the Polytraumatized Patients, Especially Those with Acetabular Fractures"

University of Alabama at Birmingham School of Medicine - Surgery of the Pelvis and Acetabulum: The Fourth International Consensus - Birmingham, AL, November 1-4, 1998

- (i) Helfet DL: "Acetabular Fractures: T (B2) and Anterior Posterior Hemitransverse (B3)"
- (ii) Helfet DL: "Intraoperative Somatosensory Evoked Potential Monitoring During Acute Pelvic Fracture Surgery"
- (iii) Helfet DL: "Complications in the Management of Acetabular Fractures"
- (iv) Helfet DL: Debate: "Is Magnetic Resonance Venography the Best Diagnostic Tool for Detection of Deep Venous Thrombosis?" In the Affirmative.

Staten Island University Hospital VIth Annual Symposium on Critical Issues in Surgery: Avoiding Complications & Improving Outcome in Orthopedic Surgery - St. Thomas, U.S. Virgin Islands, December 3-5, 1998

- (i) Helfet DL: "Emergency Orthopaedic Management of the Polytraumatized Patient"
- (ii) Helfet DL: "Management of Acetabular Fractures for the General Orthopedic Surgeon"
- (iii) Helfet DL: "Calcaneal Fractures Indications/Contraindications/Surgical Management"
- (iv) Helfet DL: "Management of Pilon Fractures in the Era of Biological Internal Fixation"

Long Island Jewish Medical Center Department of Orthopaedic Surgery Grand Rounds - New Hyde Park, NY, December 9, 1998

Helfet DL: "Acetabular Fractures"

AO/ASIF Basic Course: Principles of Operative Fracture Treatment - Davos, Switzerland - December 13-18, 1998

Helfet DL: "Fracture Problems and Complications: Thromboembolism - Role of Prophylaxis"

AO/ASIF Advances in Fracture Management Course - Davos, Switzerland - December 13-18, 1998

Helfet DL: "High Energy Injuries: Complications of Pelvic Injuries Related to Initial Treatment"

AO/ASIF Pelvic Course - Davos, Switzerland - December 13-18, 1998

Helfet DL: "Acetabular Fractures - Complications, Prevention: Nerve Monitoring"

AO/ASIF Pelvic and Acetabular Course - Singapore - January 27-30, 1999

- (i) Helfet DL: "Pelvic Fractures ORIF: The Crescent Fracture/Dislocation"
- (ii) Helfet DL: "Pelvic Fractures: Difficult Fractures and Delayed Presentations"
- (iii) Helfet DL: "Surgical Approaches: Acetabulum: Ilioinguinal"
- (iv) Helfet DL: "Acetabular Fractures: Transverse "T"
- (v) Helfet DL: "Acetabular Fractures: Results/Complications: DVT"
- (vi) Helfet DL: "Elderly - ORIF vs. Conservative vs. Total Hip Arthroplasty (Primary vs. Secondary)"

AAOS 66<sup>th</sup> Annual Meeting - Anaheim, California - February 2-8, 1999.

- (I) Helfet DL: "Calcaneal Fractures: Indications/Contraindications/Surgical Management"
- (II) Helfet DL: "Tibial Nonunions: Closed or Open Reduction and Internal Fixation with Plates and Screws"

Orthopaedic Trauma Association Specialty Day - Anaheim, California - February 7, 1999

Helfet DL: Presidential Address: "We Stand on the Shoulders of Those Before Us, Our Mentors, Our Teachers"

1999 Alpha Group Conference - Nassau, Bahamas, February 20-27, 1999

- (I) Helfet DL: "Pilon Fractures in the Era of Biological Internal Fixation"
- (ii) Helfet DL: "Is There a Place for Closed/Limited Open Reduction and Percutaneous Stabilization of Calcaneal Fractures?"

Hadassah Medical Organization Conference on Pelvic & Acetabular Fractures – Herzliya, Israel, March 7-9, 1999

- (i) Helfet DL: "A Management Protocol for DVT/PE in Trauma Patients with Pelvic and Acetabular Fractures"
- (ii) Helfet DL: "Pelvic Fractures: Malunion & Nonunion"
- (iii) Helfet DL: "Complications of Pelvic Fractures"
- (iv) Helfet DL: "Complications of Acetabular Fractures and Their Management"
- (v) Helfet DL: "Acetabular Fractures in the Elderly"

University of Pennsylvania Health System – 20<sup>th</sup> Annual Trauma and Sports Medicine Seminar – Snowmass Village, CO, March 22-26, 1999

- (i) Helfet DL: "Management of Fractures of the Femoral Neck and Shaft: Are Reconstruction nails Indicated?"
- (ii) Helfet DL: "Acetabular Fractures in the Elderly – ORIF vs. Traction vs. Total Hip?"
- (iii) Helfet DL: "Management of Complex Fractures of the Distal Humerus"

AAOS Fractures of the Pelvis and Acetabulum: State-of-the-Art Management Techniques – Rosemont, IL April 9-11, 1999

- (i) Helfet DL: "Pelvis Fractures: ORIF – Complications of Posterior Stabilization"
- (ii) Helfet DL: "Anatomy and Approaches of the Pelvis and Acetabulum: Extended Iliofemoral"
- (iii) Helfet DL: "Acetabular Fractures: Results and Complications – Management of DVT/PE"

AAOS Comprehensive Course Orthopaedic Trauma: Perspective for the New Millennium – Santa Fe, NM, May 20-23, 1999

- (i) Helfet DL: "Acetabular Fractures: Results and Complications of Surgery – What to Expect and How to Avoid Problems"
- (ii) Helfet DL: "Limb Salvage vs. Amputation in Trauma: Technique over Reason"
- (iii) Helfet DL: "Management of Complex Fractures of the Distal Humerus"

AO/ASIF Board of Trustees Meeting – Cancun, Mexico, June 16 – 19, 1999.

Parallel Program: General Trauma  
Pathways for the Polytraumatized Patient: Imaging in the OR of the Future  
Section A. Helfet DL: "Pathways for Polytraumatized Patients Today"  
Section C: Technology Integration – Helfet DL, Session Chairman

Georgia Baptist Atlanta Medical Center: Graduation (Visiting Professor) – Atlanta, GA, June 25, 1999

- (i) Helfet DL: "Management of Acetabular Fractures for the 'General' Orthopaedic Surgeon"
- (ii) Helfet DL: "Management of Pilon Fractures in the Biological Era of Internal Fixation"

Asian Association for Dynamic Osteosynthesis: Pelvic Course – Hong Kong, China, October 1999

- (i) Helfet DL: "Internal Fixation of Posterior Ring: Biomechanics, Indications and Methods. Complications"
- (ii) Helfet DL: "Late Reconstruction/Salvage Procedures in the Pelvis"
- (iii) Helfet DL: "Internal Fixation: Methods, Techniques, Implants, Tips and Tricks: Transverse T"

- (iv) Helfet DL: "Approaches in Complex Pelvic Fractures"
- (v) Helfet DL: "Prevention and Management of Complications"

The First Military Medical University: International Conference on New Development of Orthopaedic Trauma – Guangzhou, China, October 1999

- (i) Helfet DL: "Internal Fixation of Posterior Ring: Biomechanics, Indications and Methods. Complications"
- (ii) Helfet DL: "Late Reconstruction/Salvage Procedures in the Pelvis"
- (iii) Helfet DL: "Internal Fixation: Methods, Techniques, Implants, Tips and Tricks: Transverse T"
- (iv) Helfet DL: "Approaches in Complex Pelvic Fractures"

Orthopaedic Trauma Association Annual Meeting - Residents Basic Fracture Course - Charlotte, NC, October 1999  
Helfet DL: "Management of Complex Fractures of the Distal Humerus"

Hospital for Special Surgery Alumni Association 81<sup>st</sup> Annual Meeting - New York, NY November 1999  
Helfet DL, Virkus WW: "Outcomes of Acetabular Fractures Treated Operatively in the Elderly Population"

Synthes (USA) Annual Meeting - Tucson, AZ, November 1999  
Helfet DL: "From Whence We Cometh"

AO Course on Advances in Fracture Management - Davos, Switzerland, December 1999

- (i) Helfet DL: "Assessment of Acetabular Fractures: An Overview"
- (ii) Helfet DL: "Articular Fractures of Lower Extremity: Tibial Plateau: Choice of Implant and Approaches"
- (iii) Helfet DL: "Complications and Secondary Reconstruction: Juxta Articular Non or Mal-Union"

Washington University in St. Louis School of Medicine Distinguished Lectureship, St. Louis, MO, January 2000  
Helfet DL: "Management of Complex Acetabular Fractures"

AO/ASIF Principles of Fracture Management Course for Residents - East Brunswick, NJ, January 2000

- (i) Helfet DL: "Nonunion and Malunion"
- (ii) Helfet DL: "How Not To Do AO"

AOASIF Advanced Courses - Johannesburg, S. Africa - February/March 2000

- (i) Helfet DL: "Acetabular Fractures ORIF: Transverse 'T' Fractures"
- (ii) Helfet DL: "Pelvic Fractures Complications: Difficult/Delayed Presentations"
- (iii) Helfet DL: "Acetabular Fractures Complications: DVT"
- (iv) Helfet DL: "Fractures of the Distal Humerus: An Approach to the Complex Fracture"

AO/ASIF Advanced Operating Room Personnel - Johannesburg, S. Africa - February 2000  
Helfet DL: "Post Operative Complications of Pelvic and Acetabular Surgery"

AAOS 67<sup>th</sup> Annual Meeting - Orlando, Florida - March 2000.

- (i) Helfet DL: "Calcaneal Fractures: Indications/Contraindications/Surgical Management"
- (ii) Helfet DL: "Tibial Nonunions: Current Treatment Concepts"

University of Toronto-AO/ASIF - Tenth Toronto Pelvic and Acetabular Fracture Management Course - Toronto, Canada, April 2000.

- (i) Helfet DL: "Sacroiliac Fracture/Dislocation"
- (ii) Helfet DL: "Complications and How to Stay Out of Trouble In the Pelvis"
- (iii) DEBATE: "Is there a Role for Primary Total Hip Arthroplasty Following Acetabular Fractures?" Helfet DL: NO

AO ASIF Advance Symposium - Principles of Managing Complex Fractures and Failed Internal Fixation - Key Largo FL - April 2000.

- (i) Helfet DL: "Salvage of Failed Treatment of Fractures About the Distal Humerus and Proximal Forearm"
- (ii) Helfet DL: "Evaluation and Management of Post-traumatic Sacroiliac Arthritis"

Istituto Ortopedico Rizzoli - Pelvis and Acetabular Fractures - Bologna, Italy, May 2000.

- (i) Helfet DL: "The Crescent Fracture: The Posterior Fracture/Dislocation of the Sacroiliac Joint"
- (ii) Helfet DL: "Management of Difficult/Subacute Late Deformity"
- (iii) Helfet DL: "Acetabulum" Controversies and Perspectives-Surgical Approaches (Extensile vs. Limited)"

- (iv) Helfet DL: "Both Column Fractures: Diagnosis and Therapy"

Unita Operativa di Ortopedia e Traumatologia - Incontro con il Prof. D.L. Helfet - Venice, Italy, May 2000.

- (i) Helfet DL: "Management of Acetabular Fractures: Overview"
- (ii) Helfet DL: "Fracture of the Distal Humerus"

AO Foundation - Board of Trustees Meeting - Vancouver, BC, Canada - June 2000.

Helfet DL: "Evidence Based Medicine for the New Millennium"

American Hospital - Symposium: Complicated Injuries of the Pelvis and Lower Extremity - Istanbul, Turkey, August 2000

- (i) Helfet DL: "The Role of the Orthopaedic Surgeon in the Emergency Management of Pelvic Fractures"
- (ii) Helfet DL: "Acetabular Fractures: Diagnosis/Decision Making/Management"
- (iii) Helfet DL: "Complex Fractures of the Distal Femur"
- (iv) Helfet DL: "Percutaneous Fixation"

Deutsche Gesellschaft für Unfallchirurgie (German Orthopaedic Trauma Association) - 64<sup>th</sup> Annual Meeting - Hannover, Germany, September 2000.

Helfet DL: "Acetabular Fractures in the Elderly: Is Open Reduction Internal Fixation Justified?"

Orthopaedic Trauma Association Annual Meeting - Residents Basic Fracture Course - San Antonio, TX, October 2000.

Helfet DL: "Supracondylar Fractures"

Westchester Medical Center/New York Medical College - 8<sup>th</sup> Annual Symposium: Current Concepts in Hip Trauma & Reconstructive Surgery - Westchester, October 2000

Helfet DL: "Acetabular Fracture Management"

NYU-Hospital for Joint Diseases-23<sup>rd</sup> Annual Tri-State Trauma Symposium

Helfet DL: "Upper Extremity: ORIF Surgical Neck Fractures: Tips and Pearls"

Hospital for Special Surgery Alumni Association - 82<sup>nd</sup> Annual Meeting - New York, November 2000

Potter HG, Weinstein MS, Helfet DL: "MR Imaging and MR Angiography in Patients Following Knee Dislocation"

Hospital for Special Surgery Rehabilitation Department - Management of Upper Extremity Trauma Symposium, New York, November 2000

- (i) Helfet DL: "Direction of Orthopaedic Management of Trauma in the Year 2000"
- (ii) Helfet DL: "Proximal Humeral Fractures: Surgical Management"

Staten Island University Hospital Annual Symposium on Current Advances in Surgery: Avoiding Complications & Improving Outcome in Orthopaedic Surgery - December, 2000.

- (i) Helfet DL: "Elbow Fracture Treatment: Supracondylar and Distal Humerus"
- (ii) Helfet DL: "Overview of Conservative and Surgical Treatment of Acetabular Fractures"

73<sup>rd</sup> AO Courses - Fracture Fixation: Problems and Solutions - Davos, Switzerland, December 2000.

Helfet DL: "Evaluation and Management of Post Traumatic Sacroiliac Arthritis"

AAOS 68<sup>th</sup> Annual Meeting - San Francisco, CA - February/March 2001

- (i) Helfet DL: "Tibial Nonunions: Current Treatment Concepts: Nonunion with Deformity: Diaphyseal/Metaphyseal: Indications/Techniques/Results of Plate & Screw Fixation".
- (ii) Merk BR, Rapuano B, Tomin A, Lane JM, Helfet DL: "Obligat Role for ProstaglandinE2 in Heterotopic Ossification"

University of Pennsylvania Health System 22<sup>nd</sup> Annual Orthopaedic Trauma Seminar - Snowmass Village, CO - March 2001

- (i) Helfet DL: "Complex Fractures of the Distal Femur"
- (ii) Helfet DL: "Operative Fixation & Results of Acetabular Fractures"
- (iii) Helfet DL: "Evaluation & Management of Post-Traumatic Sacroiliac Arthritis"
- (iv) Helfet DL: Workshop: "The Value of eTrauma.com"

AO ASIF Solutions Course for Fracture Fixation Problems - San Francisco, CA - April 2001

- (i) Helfet DL: "Salvage of Failed Treatment of Fractures about the Distal Humerus and Proximal Forearm"
- (ii) Helfet DL: "Common Problems in Acetabular Fracture Surgery"
- (iii) Helfet DL: "Evaluation and Management of Post Traumatic Sacroiliac Arthritis"

AO ASIF Principles of Fracture Management & Advanced Controversies in Fracture Care - Ponte Vedra Beach, FL - May 2001

- (i) Helfet DL: Debate: Displaced Femoral Neck Fractures in the Young Patient - ORIF
- (ii) Helfet DL: "Evaluation and Management of Acetabular Fractures - Overview"
- (iii) Helfet DL: "Thromboembolism - Role of Prophylaxis"
- (iv) Helfet DL: "How Not To Do AO"

AAOS - Fractures of the Pelvis and Acetabulum: State-of-the-Art Management Techniques - OLC, Rosemont, IL - June 2001

- (i) Helfet DL: "Complications of Posterior Stabilization"
- (ii) Helfet DL: "Acetabular Fractures: Results and Complications: Management of DVT/PE"

AO ASIF Basic Course - Rome, Italy - July 2001

- (i) Helfet DL: "Pre-operative Planning"
- (ii) Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"

AO ASIF Pelvic Fracture Course - Rome, Italy - July 2001

- (i) Helfet DL: "Fractures of the Pelvic Ring: The Crescent Fracture"
- (ii) Helfet DL: "Acetabular Fractures: Classification and Radiographic Evaluation: Anterior Column Posterior Hemitransverse"
- (iii) Helfet DL: "Acetabular Fractures: Reduction and Fixation through Kocher-Langenbeck Approach"
- (iv) Helfet DL: "Acetabular Fractures Approach Selection: T-shaped/Associated Both Column/Transverse and Posterior Wall"
- (v) Helfet DL: "Complications & Results: Complications of Posterior Pelvic Stabilization"
- (vi) Helfet DL: "Complications of Acetabular Fractures"
- (vii) Helfet DL: "Complex Acetabular Fractures: Approach and Surgical Decision Making Dependent on Experience and an Understanding of the Diagnosis, Pathoanatomy and Reduction Techniques"
- (viii) Helfet DL: "Pelvic Fractures: Difficult Cases and Delayed Presentations"

OTA Update on Orthopaedic Trauma and Fracture Management - Providence, R.I. - July 2001

- (i) Helfet DL: "Fractures of the Distal Femur"
- (ii) Helfet DL: "Common Mistakes in Fracture Care"

AO Principles of Fracture Treatment - Ribeirao Preto, Brazil - August 2001

- (i) Helfet DL: "Distal Humerus Fractures"
- (ii) Helfet DL: "Distal Femur Fractures"
- (iii) Helfet DL: "Tibial Plateau Fractures"
- (iv) Helfet DL: "Emergency Management of the Patient with a Pelvic Fracture"
- (v) Helfet DL: "Pre-operative Planning"
- (vi) Helfet DL: "Humeral Shaft Fractures"
- (vii) Helfet DL: "Surgical Reduction Techniques (Direct and Indirect)"
- (viii) Helfet DL: "Bridge Plating" A Method of Relative Stability"

Orthopaedic Trauma Association Annual Meeting - San Diego, CA - October 2001

- (i) Helfet DL: "Fractures of the Distal Humerus in Adults"

38<sup>th</sup> Argentinian Congress of Orthopaedics and Traumatology - Buenos Aires, Argentina, December 2001

- (i) Helfet DL: "Emergency Management of the Patient with a Pelvic Injury"
- (ii) Helfet DL: "Pelvic Fractures: Management of Difficult Subacute Late Deformity"
- (iii) Helfet DL: "Complications of Acetabular Fractures"
- (iv) Helfet DL: "Distal Humerus Pseudoarthrosis: Therapeutic Protocol and Clinical Results"
- (v) Helfet DL: "Management of Complex Fractures of the Distal Humerus"
- (vi) Helfet DL: "The Elderly Patient with an Acetabular Fracture: is ORIF Justified?"
- (vii) Helfet DL: "Pelvic Fractures: Complications of Posterior Stabilization"
- (viii) Helfet DL: "Evaluation and Management of Post-Traumatic Sacroiliac Joint Arthritis"
- (ix) Helfet DL: "Management of Post-Traumatic Deformity of the Hip and Proximal Femur"

1<sup>st</sup> Course in Argentina of the Hospital for Special Surgery: Trauma Session

- (i) Helfet DL: "Anatomy & Classification of Acetabular Fractures"
- (ii) Helfet DL: "Evaluation and Management of Acetabular Fractures"

75<sup>th</sup> AO Course: "Experts Meet Experts": Session: Pelvis & Acetabulum - Davos Switzerland - December 2001

Acetabulum

- (i) Helfet DL: "Complex Fracture: Approach Choices"
- (ii) Helfet DL: "[Acetabular Fractures in the] Elderly"

Pelvis

- (iii) Helfet DL: Complications: "Fixation"

Lenox Hill Hospital Orthopaedic Grand Rounds - New York, NY - January 2002

- (i) Helfet DL: "Acetabular Fractures"

New York Presbyterian Hospital Cornell Medical Center - Department of Surgery Grand Rounds - January 2002

- (i) Helfet DL: "Emergency Management of the Patient with a Pelvic Injury"

Emory University School of Medicine Visit - Atlanta, GA - January 2002

- (i) Helfet DL: "Acetabular Fractures"

AAOS 69<sup>th</sup> Annual Meeting - Dallas, TX - February 2002

- (i) Helfet DL: "Tibial Nonunions"
- (ii) Miclau T, Krettek C, Kregor P, Helfet DL: "Minimally Invasive Plate Osteosynthesis of Lower Extremity Fractures" (Helfet DL: Distal Tibia Fractures)

3<sup>rd</sup> Nordic AO Advanced Course - Lillehammer, Norway - February 2002

- (i) Helfet DL: "Fractures and Nonunions of the Clavicle"
- (ii) Helfet DL: "Malunions and Nonunions of the Humeral Shaft"
- (iii) Helfet DL: "Late Salvage of Complex Fractures Around the Elbow"
- (iv) Helfet DL: "Fractures of the Acetabulum"
- (v) Helfet DL: "Pilon Fractures"
- (vi) Helfet DL: "Alternatives for Treatment of Distal Femoral Fractures"
- (vii) Helfet DL: "Evidence Based Medicine in Fractures Surgery"
- (viii) Helfet DL: "Malunions and Nonunions of the Distal Humerus"
- (ix) Helfet DL: "Non-infected Metaphyseal Nonunions"

University of Pennsylvania Health System 23<sup>rd</sup> Annual Orthopaedic Seminar - Snowmass Village, CO - March 2002

- (i) Helfet DL: "Management of Humeral Shaft Nonunions"
- (ii) Helfet DL: "Management of Pilon Fractures"
- (iii) Helfet DL: "Management of Complex Distal Femoral Fractures"

AO-ASIF Advanced Symposium - Solutions for Fracture Fixation Problems - San Francisco, April 2002

- (i) Helfet DL: "Salvage of Failed Treatment of Fractures of the Distal Humerus"
- (ii) Helfet DL: "Management of Acetabular Fractures in the Elderly"
- (iii) Helfet DL: "Evaluation and Management of Post Traumatic Sacroiliac Arthritis"

University of Toronto-AO/ASIF - Eleventh Toronto Pelvic and Acetabular Fracture Management Course - Toronto, Canada - May 2002

- (i) Helfet DL: "Sacroiliac Fracture/Dislocation"
- (ii) Helfet DL: The Marvin Tile Lecture of the Orthopaedic and Arthritic Foundation: "Acetabular Fractures: From Where to Where"

Hellenic Orthopaedic Association & College of Hellenic Orthopaedic Surgeons - 2<sup>nd</sup> Seminar on Acetabular & Pelvic Injuries - Patras, Greece - May 2002

Acetabular Fractures:

- (i) Helfet DL: " Acute Evaluation, Classification, Radiology, Indications for Surgery"
- (ii) Helfet DL: "Ilioinguinal Approach"
- (iii) Helfet DL: "Extensile Approach"
- (iv) Helfet DL: "Management of Complex Acetabular Fractures Using Limited Approaches and Indirect Reduction Techniques"
- (v) Helfet DL: "complications"
- (vi) Helfet DL: "The Elderly Patient with an Acetabular Fracture: THA vs. ORIF"

Pelvic Injuries:

- (i) Helfet DL: "Sacroiliac Joint Disruptions: Stabilization: Front or Back?"
- (ii) Helfet DL: "Management of Difficult/Subacute/Late Deformity"
- (iii) Helfet DL: "Evaluation and Management of Post-traumatic Sacroiliac Arthritis"

International Society for Fracture Repair Meeting on Osteoporotic Fractures - Bolonga, Italy, May 2002.  
Ring D, Kloen, P, Kadzielski J, Helfet DL, Jupiter J: "Locked Compression Plating for Delayed Unions of the Diaphyseal Humerus"

AOA/COA Join Meeting - Victoria, B.C., Canada - June 2002

- (i) Helfet DL - Panelist: "The Best Treatment for the Most Difficult Nonunions"

AO Pelvic and Acetabular Course - Seoul, Korea - August 2002

The Pelvic Injury

- (i) Helfet DL: "The Crescent Fracture/SI Joint Dislocation"
- (ii) Helfet DL: "Complications of Posterior Stabilization"

Acetabular Fracture

- (iii) Helfet DL: "Kocher Langenebeck Approach: Indications, Techniques, Case Examples"
- (iv) Helfet DL: "Complications, Including DVT"
- (v) Helfet DL: "Acetabular Fractures in the Elderly"

Puerto Rican Society of Orthopaedics and Traumatology Annual Meeting - Dorado, P.R. - August 2002

- (i) Helfet DL: "Complex Fractures of the Distal Humerus"
- (ii) Helfet DL: "Management of Metaphyseal Nonunions"
- (iii) Helfet DL: "Proximal Humeral Fractures: Management, Including Surgical Options"
- (iv) Helfet DL: "Management of Acetabular Fractures" Diagnosis and Treatment"

14<sup>th</sup> Emile Letournel Institute Course and Workshop - Fractures of the Acetabulum and Pelvis - Beverly Hills, CA - September 2002

- (i) Helfet DL: "Iliac Fractures"
- (ii) Helfet DL: "Posterior Approach of the SI Joint and Sacrum" (Anatomy Dissection)
- (iii) Helfet DL: "Choice of Approach for Both Column"
- (iv) Helfet DL: "Treatment of Elderly Patients"

AO Principles of Fracture Management - E. Brunswick, NJ - September 2002

- (i) Helfet DL: "Nonunion and Malunion"
- (ii) Helfet DL: "How Not to Do AO"

Orthopaedic Trauma Association Annual Meeting - Toronto, Canada - October 2002

- (i) Helfet DL: "Fractures of the Distal Humerus in Adults"
- (ii) Helfet DL: Small Group Discussion Leader: "Upper Extremity"

Tristate Trauma Symposium 2002 - Hospital for Joint Diseases - New York, NY, October 2002

Helfet DL: "Distal Humerus Fractures in the Elderly: ORIF"

AO Advances in Fracture Management Course - Davos, Switzerland - December 2002

- (i) Helfet DL: "Management of Distal Humerus Fractures"
- (ii) Helfet DL: "ORIF of Acetabular Fractures in Elderly Patients"

AO Masters Course - Davos, Switzerland - December 2002

- (i) Helfet DL: "Distal Femoral Deformities: Planning and Osteotomies"
- (ii) Helfet DL: "How Not to Do AO in the New Millennium" (Guest lecture)
- (iii) Helfet DL: "The Distal Tibia: Nonunions"

AO ASIF Bern Hip Symposium - Mammoth Lakes, LA - January 2003

Helfet DL: "Surgical Correction of Acetabular Dysplasia Using a Periacetabular Osteotomy"

American Academy of Orthopaedic Surgeons - 70<sup>th</sup> Annual Meeting - New Orleans, LA - February 2003

IC 114: Operative Treatment of Simple Acetabular Fractures

- (i) Helfet DL: "Indications for Surgery and Conservative Treatment of Acetabular Fractures"
- (ii) Helfet DL: "Prevention and Treatment of Postoperative Complications"

IC 202: Periprosthetic Hip and Knee Replacement Fractures

Helfet DL: "The Acetabulum"

ST 264 Minimally Invasive Plate Osteosynthesis of Lower Extremity Fractures

Helfet DL: "Fractures of the Distal Tibia"

- Up Close and Personal 901: Fractures about the Hip - Moderator
- (i) Helfet DL: "Femoral neck stress fractures"
  - (ii) Helfet DL: "Femoral neck nonunions"
  - (iii) Helfet DL: "Pipkin Type II fractures"
- Specialty Day: Limb Lengthening and Reconstruction Surgery
- Helfet DL: "Current Techniques of Deformity Correction: Internal Fixation Techniques"
- University of Pennsylvania School of Medicine 24th Annual Orthopaedic Seminar - Snowmass Village, CO - March 2003
- (i) Helfet DL: "Evaluation, Management and Treatment of Thromboembolic Disease in the Trauma Patient"
  - (ii) Helfet DL: "Acetabulum: Controversies and Perspectives - Surgical Approaches (Extensive vs. Limited) - My Philosophy"
- AO Advanced Symposium: Solutions Course for Fracture Fixation Problems - New York, NY - May 2003
- (i) Helfet DL: "Management of Fractures of the Distal Humerus"
  - (ii) Helfet DL: "Salvage of Failed Treatment of Fractures of the Distal Humerus"
  - (iii) Helfet DL: "Managements of Acetabular Fractures in the Elderly"
  - (iv) Helfet DL: "Evaluation and Management of Posttraumatic Sacroiliac Arthritis"
- AO Basic Course - Jesolo (Venice), Italy - May 2003
- (i) Helfet DL: "Minimally Invasive Surgery"
  - (ii) Helfet DL: "Principles of Pelvic Fracture Management"
  - (iii) Helfet DL: "How Not To Do AO in the New Millennium"
- Orthopaedic Trauma Association 19<sup>th</sup> Annual Meeting - Salt Lake City, UT, October 2003
- (i) Helfet DL: "DVT: Screening and Detection Methods"
  - (ii) Helfet DL: "Fractures of the Distal Humerus in Adults"
  - (iii) Helfet DL: Controversies in Proximal Femoral Fractures: "Nonunions and Malunions of Subtrochanteric Fractures"
- 26<sup>th</sup> Tristate Trauma Symposium – New York, NY, October 2003
- Helfet DL: "Acetabular Fractures in the Elderly: ORIF"
- Mathys-Medical Inc. Symposium: Management of Acetabulum Fractures - New Delhi, India, November 2003
- (i) Helfet DL: "Evaluation and Management of Acetabular Fractures"
  - (ii) Helfet DL: "Complications of Acetabular Fractures"
  - (iii) Helfet DL: "Acetabular Fractures in the Elderly"
- New York Trauma Update 0 New York, NY, December 2003
- (i) Helfet DL: "Reverse Intertrochanteric and Subtrochanteric Fractures – 95 Degree Plates"
  - (ii) Helfet DL: "Tibial Plateau Fractures – Schatzker I, II, III"
- 78<sup>th</sup> AO Course – Advances in Fracture Management – Davos, Switzerland, December 2003
- (i) Helfet DL: "Problem Fractures/Nonunions of the Elbow/Forearm"
  - (ii) Helfet DL: "Percutaneous Plating of Tibia"
  - (iii) Helfet DL: "Acute Results ORIF of Acetabular Fracture"
- AO Principles of Fracture Management – Baltimore, MD, January 2004
- (i) Helfet DL: "Preoperative Planning"
  - (ii) Helfet DL: "How Not to Do AO"
- University of Pennsylvania School of Medicine 25<sup>th</sup> Annual Arthopaedic Trauma Seminar – Snowmass Village, CO, February 2004
- (i) Helfet DL: "Distal Femur Fractures"
  - (ii) Helfet DL: "SI Joint Disruption: Urgent, Emergent and Late Symptomatic Management"
  - (iii) Helfet DL: Workshop: "Definitive Convert Spanning to ORIF with Small Plates"
- American Academy of Orthopaedic Surgeons 71<sup>st</sup> Annual Meeting – San Francisco, CA – March 2004
- (i) Helfet DL: "Periprosthetic Hip and Knee Replacement Fractures: Acetabulum"
  - (ii) Helfet DL: "Minimally Invasive Plate Osteosynthesis of Lower Extremity: Distal Tibia Fractures"
  - (iii) Helfet DL: "Treatment of Lower Extremity Malunions and Nonunions: Failed Fracture Fixation About the Knee"

AO LAT Complex Trauma in the Lower Extremity – Santiago Chile – April 2004

- (i) Helfet DL: “Surgical Treatment of Acetabular Fractures”
- (ii) Helfet DL: “Acetabular Fractures in the Elderly”
- (iii) Helfet DL: “Acetabular Periprosthetic Fractures”
- (iv) Helfet DL: “Therapeutic Focus on Periprosthetic Femur Fractures”
- (v) Helfet DL: “Management of Tibial Pseudoarthrosis”
- (vi) Helfet DL: “Tibial Pilon Fractures in the Osteosynthesis “Biological Era” with Percutaneous Plate”

Hospital for Special Surgery and Weill Medical College of Cornell University: Operative Management of Pediatric Fractures – New York, NY – April 2004

Helfet DL: “Acetabular Fractures in Children”

Hospital for Special Surgery Rehabilitation Network – 6<sup>th</sup> Annual Academic Congress – New York, NY – May 2004

Helfet DL: Keynote Lecture: “Management of Acetabular Fractures”

1<sup>st</sup> AOAA-Asian Chapter Symposium – Changmai, Thailand – May 2004

Helfet DL: “Distal Femur”

12<sup>th</sup> Toronto Pelvic and Acetabular Fracture Management Course – Toronto, Canada – May 2005

Helfet DL: Surgical Approaches, Indications, Advantages, Disadvantages: Posterior Pelvis

5<sup>th</sup> Central European Orthopaedic Congress – Prague, Czech Republic – June 2004

- (i) Helfet DL: “Acetabular Fractures in the Elderly: is ORIF Justified?”
- (ii) Helfet DL: “Reverse Intertrochanteric Fractures”
- (iii) Helfet DL: “Posttraumatic Arthritis of the Sacroiliac Joint”

Pelvic and Acetabular Course – Bologna, Italy – June 2004

- (i) Helfet DL: “Pelvic Fractures: What To Do, What Not To Do”
- (ii) Helfet DL: “Acetabular Fractures: What To Do, What Not To Do”
- (iii) Helfet DL: “Acetabular Fractures in the Elderly: What To Do”

AO Advanced Trauma Course – Cape Town, South Africa – July 2004

- (i) Helfet DL: “Tibial Pilon Fractures”
- (ii) Helfet DL: “Acetabulum: Management and Decision Making”
- (iii) Helfet DL: “Acetabulum: Approaches: Anterior, Posterior, Extended, Combined”
- (iv) Helfet DL: “Acetabulum: Results, Complications”
- (v) Helfet DL/Vlock G: Interactive Debate
- (vi) Helfet: “How Not To Do AO”

New Concepts in Surgery of the Hip – Berne, Switzerland – August 2004

- (i) Helfet DL: “Acetabular Fractures in the Elderly: ORIF vs. THA”
- (ii) Helfet DL: “From Whence We Cometh”

3<sup>rd</sup> International Seminar on Acetabular & Pelvic Injuries – General Hospital Agios Andreas, Patras, Greece – October 2004

- (i) Helfet DL: “Acetabular Injuries: Ilioinguinal Approach”
- (ii) Helfet DL: “Management of Complex Acetabular Fractures Using Limited Approaches and Indirect Reduction Techniques”
- (iii) Helfet DL: “Acetabular Fractures: Complications”
- (iv) Helfet DL: “The Elderly Patient with an Acetabular Fracture: THA vs. ORIF”
- (v) Helfet DL: “Pelvic Injuries: Sacroiliac Joint Disruptions: Stabilization: Front or Back?”
- (vi) Helfet DL: “Pelvic Injuries: Management of Difficult/Subacute/Late Deformity”
- (vii) Helfet DL: “Evaluation and Management of Post-traumatic Sacroiliac Arthritis”

AO Masters Forum – Mumbai, India – November 2004

- (i) Helfet DL: “Plate Evolution with Indirect Reduction and Subsequent Locked Plating”
- (ii) Helfet DL: “Humeral Shaft Fractures: Plate Fixation” (Debate)
- (iii) Helfet DL: “Supracondylar Femur Fractures: Limited ORIF/LISS/LCP etc.” (Debate)
- (iv) Helfet DL: “Pilon Fractures: Limited ORIF and Percutaneous Plating” (Debate)
- (v) Helfet DL: “Clavicle Non/Malunions”
- (vi) Helfet DL: “Distal Humeral Non/Malunions”

- (vii) Helfet DL: "Proximal Femoral Non/Malunions"
- (viii) Helfet DL: "Distal Femoral Non/Malunions"
- (ix) Helfet DL: "Distal Tibial Non/Malunions"
- (x) Helfet DL: "Pelvic Fractures: Complications of Posterior Stabilization"
- (xi) Helfet DL: "Pelvic Fractures: Delayed/Difficult/Salvage Cases"
- (xii) Helfet DL: "Acetabular Fractures: Overview / Management"
- (xiii) Helfet DL: "Elderly Patients and Acetabular Fractures "

81<sup>st</sup> AO Course – Davos, Switzerland – December 2004

Helfet DL: "Failed fixation of the proximal femur: Decision making, implant choice and salvage of proximal femur failed fixations"

Lenox Hill Hospital Grand Rounds – New York, NY - January 2005

- (i) Helfet DL: "Complex Acetabular Fractures"
- (ii) Helfet DL: "Acetabular Fractures in the Elderly"

AO Pelvic and Acetabular – Singapore, February 2005

- (i) Helfet DL: "Posterior Pelvic Ring: Crescent Fractures/Dislocation/Sacroiliac Dislocation"
- (ii) Helfet DL: "Pelvic Fractures: Complications of Posterior Stabilization"
- (iii) Helfet DL: "Pelvic Fractures: Difficult Fractures and Delayed Presentations"
- (iv) Helfet DL: "Acetabular Fractures ORIF: Transverse "T" / Positioning and Approach / Reduction Techniques / Implants / Tips and Tricks"
- (v) Helfet DL: "Associated Both Column Fractures: Positioning and Approach / Reduction Techniques / Implants / Tips and Tricks"
- (vi) Helfet DL: "Acetabular Fractures Results / Complications: DVT"
- (vii) Helfet DL: "Elderly – ORIF vs Conservative vs Total Hip Arthroplasty (Primary vs Secondary)"

American Academy of Orthopaedic Surgeons 72<sup>nd</sup> Annual Meeting – Washington, D.C., February 2005

- (i) Helfet DL: IC Treatment of Lower Extremity Malunions and Non-Unions: "Management of Uninfected Nonunions"
- (ii) Helfet DL: IC Hip Fracture Controversies: Interactive Case Presentations and Discussions
- (iii) Helfet DL: IC Minimally Invasive Plate Osteosynthesis of Lower Extremity Fractures: "
- (iv) Helfet DL: Symposium Current Strategies in the Evaluation and Comprehensive Treatment of Nonunions and Malunions: "Management of the Uninfected Nonunion"

3<sup>rd</sup> Annual Mosbacher Orthopaedic Trauma Lecture and Shoulder Symposium – Hospital for Special Surgery, New York, March 2005

- (i) Helfet DL: "Clavicle Nonunions/Malunions"

International Congress on Osteotomies for Posttraumatic Deformities/Nonunions – Amsterdam, Netherlands – March 2005

- (i) Helfet DL: "Distal humerus nonunion"
- (ii) Helfet DL: "Distal femur nonunion"

AO-ASIF Advanced Symposium – Solutions Course for Fracture Fixation Problems – Hamilton, Bermuda, April 2005

- (i) Helfet DL: "Management of Distal Intra-articular Humeral Failed Fixation"
- (ii) Helfet DL: "Management of Acetabular Fractures in the Elderly"
- (iii) Helfet DL: "Evaluation and Management of Post-Traumatic Sacroiliac Arthritis"

Northwestern University Feinberg School of Medicine – Grand Rounds, May 2005

Helfet DL: "Management of the uninfected nonunion"

SIOT 1<sup>st</sup> International Orthopaedic Trauma Course – Capri, Italy, May 2005

- (i) Helfet DL: "Supracondylar Humeral Fractures"
- (ii) Helfet DL: "Pilon Fractures"
- (iii) Helfet DL: "Acetabulum: Complex Fractures"

AO ASIF Pelvic and Acetabular Fracture Management Course – Birmingham, AL, June 2005

- (i) Helfet DL: "Pediatric Fractures: Pelvis and Acetabulum"

Union Memorial Hospital 1<sup>st</sup> Annual Orthopaedic Conference – Baltimore, MD, June 2005

Helfet DL: "Management of the Uninfected Nonunion"

AO Alumni Association Triennial Symposium – Cagliari, Sardinia, Italy, September 2005

- (i) Helfet DL: "AO Clinical Investigation and Documentation"
- (ii) Helfet DL: "Pelvic Open Fixation: Update"

AO Masters Symposium – Hyderabad, India, October 2005

- (i) Helfet DL: "Femoral Neck Nonunions"
- (ii) Helfet DL: "Distal Femoral Neck Nonunions"
- (iii) Helfet DL: "Nonunions/Malunions of the Proximal Tibia"
- (iv) Helfet DL: "Nonunions/Malunions of the Distal Tibia"
- (v) Helfet DL: "C. avicle Nonunions"
- (vi) Helfet DL: "Humeral Shaft Nonunions"
- (vii) Helfet DL: "Acetabular Fractures: Overview Management"
- (viii) Helfet DL: "Acetabular Fractures in the Elderly – ORIF vs. THA"

Orthopaedic Trauma Association 21<sup>th</sup> Annual Meeting - Ottawa, Canada, October 2005

- (i) Toro JB Presenting: Hierholzer C, Sama D, Toro JB, Helfet DL "Plate ORIF of Humeral Shaft Nonunions: Is Healing Dependent on Type of Bone Graft?"

JST Hospital Seminar – Beijing, China, November 2005

- (i) Helfet DL: "Management of Aceptic Nonunion with Internal Fixation"
- (ii) Helfet DL: "Management of Nonunion around the Knee"
- (iii) Helfet DL: "Management of Acetabular Fractures"
- (iv) Helfet DL: "Management of Acetabular Fractures in the Elderly"

International Symposium on Orthopaedic Surgery – Shanghai, China, November 2005

Helfet DL: "Periprosthetic Fractures in the Femur"

AO Course: Advances in Operative Fracture Management – Shanghai, China, November 2005

- (i) Helfet DL: "Pelvic Fractures with Emphasis in Acetabular Fractures"
- (ii) Helfet DL: "Nonunions of the Large Extremities"

4<sup>th</sup> Annual Mosbacher Orthopaedic Trauma lecture and Foot and Ankle Symposium – New York, NY March 2006

- (i) Helfet DL: "Distal Tibial Nonunion: A Treatment Option"
- (ii) Helfet DL: "Pilon Fractures: HSS Protocol"

AO Advances Symposium – Oisterjwijk, The Netherlands – April 2006

- (i) Helfet DL: "LCP for Treatment of Lower Extremity Malunions and Nonunions"
- (ii) Helfet DL: "MIO in Epi-/ Metaphyseal Fractures of the Distal Tibia"
- (iii) Helfet DL: "Evaluation and Management of Post-traumatic Sacroiliac Arthritis"
- (iv) Helfet DL: "Acetabular Fractures in the Elderly"

Asian AO Regional Combined Courses-Pelvic Course - Chang Mai, Thailand, April 2006

Helfet DL: "Treatment of Acetabular Fracture in the Elderly"

13<sup>th</sup> Toronto Pelvic and Acetabular Fracture Management Course – Toronto, Canada, May 2006

Helfet DL: "Pediatric Acetabular Fractures"

Australian Orthopaedic Association – Trauma Conference – Queensland, Australia – July 2006

- (i) Helfet DL: "Pilon Fracture – How would you do it?"
- (ii) Helfet DL: "Approaches and Strategies: Bicondylar Tibial Head Fractures"
- (iii) Helfet DL: "Where are the real problems of trochanteric fractures?"
- (iv) Helfet DL: "Acetabulum Fractures"

South African Orthopaedic Association – Durban, S. Africa – September 2006

- (i) Helfet DL: "Acetabular Fractures: Management"
- (ii) Helfet DL: "Nonunions/Malunions About the Knee"

AO Pelvic and Acetabular Course for Surgeons – Epsom, Surrey, UK – September 2006

- (i) Helfet DL: Keynote Address: "The Maturation of the Pelvic Surgeon"

- (ii) Helfet DL: "Acetabulum: The Ilio-inguinal Approach and the Stoppa Approach"
- (iii) Helfet DL: "Pelvic and Acetabular Fractures in the Elderly"

Beth Israel Medical Center Grand Rounds -- New York, NY - October 2006  
Helfet DL: "Management of Pilon Fracture in the New Millennium"

AO Master Forum -- New Delhi, India -- November 2007

- (i) Helfet DL: "Plate Evolution with Indirect Reduction and Subsequent Locked Plating"
- (ii) Helfet DL: "Nonunions/Malunions of the Distal Femur"
- (iii) Helfet DL: "Periprosthetic Fractures of the Distal Femur/Knee"
- (iv) Helfet DL: "Pilon Fractures -- Overview"
- (v) Helfet DL: "Late Salvage Intertrochanteric/Subtrochanteric Nonunions/Malunions"
- (vi) Helfet DL: "Fractures of the Acetabulum -- Management"
- (vii) Helfet DL: "Fractures of the Acetabulum in the Elderly: ORIF"
- (viii) Helfet DL: "Fractures of the Distal Humerus -- Overview"
- (ix) Helfet DL: "Nonunions of the Humerus"

51<sup>st</sup> Annual Conference of Indian Orthopaedic Association -- New Delhi, India -- November 2006

- (i) Helfet DL: "LCP -- Clinical Exposure and Davantage"

AO Alumni Association Italian Chapter Annual Meeting -- Rome, Italy -- November 2006

- (i) Helfet DL: "Associated Acetabular Fractures"

91<sup>st</sup> SIOT Congress -- Rome, Italy -- November 2006

- (i) Helfet DL: "Distal Humeral Fractures"
- (ii) Helfet DL: "Management of Tibial Pilon Fractures in the New Millennium: Biological Plating"

4<sup>th</sup> International Seminar on Acetabular & Pelvic Injuries -- Patras, Greece - January 2007

- (i) Helfet DL: Acetabular Injuries: "Management of Transverse / "T" ± Posterior Wall"
- (ii) Helfet DL: Acetabular Injuries: "Complications"
- (iii) Helfet DL: "Acetabular Fractures in the Elderly: ORIF vs. THA"
- (iv) Helfet DL: "Pediatric Acetabular Fractures"
- (v) Helfet DL: Pelvic Injuries: Sacroiliac Joint Disruptions: Stabilization: Front or Back?"

American Academy of Orthopaedic Surgeons Annual Meeting -- San Diego -- February 2007

- (i) Helfet DL: Techniques for Tibial Deformity Correction: Intramedullary Nailing
- (ii) Helfet DL: Evaluation and Management of Pelvic Fractures: "Open Reduction Internal Fixation of Sacral Fractures"
- (iii) Helfet DL: Hip Fracture Controversies: Interactive Case Presentations and Discussions

AO Seminar -- Failed Fixation and Complications -- Salvador, Bahia, Brazil -- March 2007

- (i) Helfet DL: "Failed Osteosynthesis of the Proximal Tibiak Including Post Osteotomy"
- (ii) Helfet DL: "Aseptic Nonunion of the Tibial Diaphysis with Deformity"
- (iii) Helfet DL: "Distal Tibia Nonunion/Malunion -- Is Reconstruction Better Than Arthrodesis?"
- (iv) Helfet DL: "Management of Subtrochanteric Non/Malunion"
- (v) Helfet DL: "Revision of Failed Distal Femur Fracture"
- (vi) Helfet DL: "Management of Acetabular Fractures in the Elderly"
- (vii) Helfet DL: "Evaluation and Management of Post Traumatic Sacroiliac Arthritis"

AO Masters Symposium -- Current Concepts in Fracture Management -- Istanbul, Turkey -- September 2007

- (i) Helfet DL: "Plate Evolution with Indirect Reduction and Subsequent Locked Plating"
- (ii) Helfet DL: "Nonunions/Malunions of the Distal Femur"
- (iii) Helfet DL: "Pilon Fractures -- Overview"
- (iv) Helfet DL: "Nonunions/Malunions of the Distal Tibia"
- (v) Helfet DL: "Late Salvage Intertrochanteric/Subtrochanteric Nonunions/Malunions"
- (vi) Helfet DL: "Fractures of the Acetabulum: Management"
- (vii) Helfet DL: "Fractures in the Elderly: Periprosthetic Fractures"
- (viii) Helfet DL: "Fracture of the Distal Humerus -- Overview"
- (ix) Helfet DL: "Nonunions of the Humerus"

St. Luke's Roosevelt Hospital Division -- Grand Rounds -- New York, October 2007

Helfet DL: "Management of Aseptic Nonunions"

University of Pennsylvania School of Medicine – Grand Rounds – Philadelphia, October 2007

- (i) Helfet DL: "Complex Fractures of the Acetabulum" H
- (ii) Helfet DL: "Management of Aseptic Nonunions"

Osteotomies Around the Knee: New Perspectives with Plate Fixators" – Baltimore, November 2007

- (i) Helfet DL: "Treatment of Malunions and Pseudoarthroses of the Tibia"
- (ii) Helfet DL: "Treatment of Nonunions/Malunions of the Distal Femur"

Northwestern University Orthopaedic Grand Rounds – Chicago, November 2007

Helfet DL: "Surgical Management of Nonunions"

AO Foundation – Masters Course, Davos, Switzerland, December 2007

Helfet DL: "Absolute Stability" [in fracture fixation]

AO Italian Courses – Davos, Switzerland, February 2008

Advanced Course:

Helfet DL: "Diaphyseal Femur Fractures: Complex Fractures: My tricks"

Helfet DL: "Pilon Fractures: Tricks for the Reduction and Techniques for Osteosynthesis"

Comprehensive Knee Course:

Helfet DL: "Periprosthetic Fractures of the Distal Femur"

Helfet DL: "What Not To Do in AO"

#### **SCIENTIFIC/POSTER EXHIBITS:**

American Academy of Orthopaedic Surgeons - Annual Meeting. Morden M, Helfet DL: "The Character of Spine Deformities in Marfan's Syndrome" Anaheim, California; March 1983.

American Academy of Orthopaedic Surgeons - Annual Meeting. Helfet DL, Rosen H, Weiland AJ, Michael R: "Fractures of the Distal Humerus" Atlanta, Georgia, February 1984.

American Academy of Orthopaedic Surgeons - Annual Meeting. New Orleans, Louisiana; February 1990.

- (i) Jupiter J, Helfet DL, DiPasquale T, Goldie B, Gasser S: "Tension Band Plating of Diaphyseal Nonunions of the Tibia"
- (ii) DiPasquale T, Helfet DL, Graham A, Sanders RW, Gearin I, Greenberg M: "Evaluation of Acetabular Fractures Using Three Dimensional Images Reconstructed from Computerized Tomography"
- (iii) Behrens F, Helfet DL, Segal D, Edwards C: "Critical Decision Making in Multiple Trauma"

SICOT International Congress: SICOT Commission for Documentation. Müller ME, Helfet DL, Bierenbaum DA: "International Documentation and Evaluation System for Fractures" Montreal, Canada; September, 1990.

Ninth Meeting of the Combined English-Speaking Orthopaedic Association (AOA). Helfet DL, Schmeling GJ, Borrelli JD: "Somatosensory Evoked Potential Monitoring in the Surgical Treatment of Acute, Displaced Acetabular Fractures: Results of a Prospective Study" Toronto, Ontario, Canada; June 1992.

Orthopaedic Trauma Association - Annual Meeting. Borrelli Jr J, Westrich G, Helfet DL, Lyden J: "Computerized Tomography for the Evaluation of Post-Traumatic Multiplane Deformities of Long Bones" New Orleans, Louisiana; September 1993.

American Academy of Orthopaedic Surgeons - Annual Meeting, Orthopaedic Research Society. Borrelli J, Torzilli PA, Grigiene R, Helfet DL: "Effect of Impact Load on Articular Cartilage: A Model for Die-Punch Fractures" New Orleans, Louisiana; February 1994.

American Orthopaedic Association - Annual Meeting. Montgomery K, Potter H, Helfet, DL. "The Use of Magnetic Resonance Imaging to Evaluate the Deep Venous System of the Pelvis in Patients with Acetabular Fractures" Sun Valley, Idaho, June 1994.

American Academy of Orthopaedic Surgeons - Annual Meeting. Atlanta, Georgia; February 1996.

- (i) Malkani A, Helfet DL, Figgie MP: "Pelvic Discontinuity in Revision Total Hip Arthroplasty"
- (ii) Egli S, Helfet DL, Dooley RL, Ambrose A, Pohlemann T, Harrast JJ, Muller ME: "The Comprehensive

Classification of Pelvic and Acetabular Fractures: An Electronic Learning Tool for Orthopaedic Surgeons"

AAOS 64th Annual Meeting. San Francisco Ca. February 13 - 17, 1997: Malkani AL, Voor MJ, Rennirt GW, Helfet DL, Pedersen DR, Brown TD: "Increased Peak Contact Pressure Following Incongruent Reduction of Transverse Acetabular Fractures: A Cadaveric Model"

AAOS 65th Annual Meeting - New Orleans, LA - March 19-23, 1998: Malkani AL, Helfet DL, Figgie MP, Renda WM: "Periprosthetic Acetabular Fractures"

AAOS 66<sup>th</sup> Annual Meeting - Anaheim, CA - February 2-8, 1999: Millet PJ, Fealy SS, Tolo ET, O'Malley M, Helfet DL: "Tibiototalcaneal Fusion for Complex Post-traumatic Arthritis of the Hindfoot and Ankle with a Retrograde Intramedullary Nail"

American Orthopaedic Association – Residents' Conference – Raleigh/Durham, NC – March 13-14, 1999: Tolo ET, Millet PJ, Fealy SS, O'Malley M, Helfet DL: "Use of a Retrograde Nail for Tibiototalcaneal Fusion in Complex Post-Traumatic Arthritis"

AAOS 68<sup>th</sup> Annual Meeting - San Francisco, CA - February 28 - March 4, 2001:

- (i) Ertl W, Potter HG, Helfet DL: "Long-term Follow-Up of Inferior Vena Cava Filters in Patients Treated Operatively for Acetabular Fractures: Minimum of 2 Years".
- (ii) Sallis JG, Potter HG, Helfet DL, Lorich DG: "Unsuspected Ligamentous Injuries in Ankle Fractures"

International Society for Fracture Repair, Bologna, Italy – May 2002

- (i) Ring D, Kloen P, Kadzielski J, Helfet D, Jupiter J: Locking Compression Plates for Delayed Unions & Nonunions of the Diaphyseal Humerus
- (ii) Ring D, Kloen P, Kadzielski J, Helfet D, Jupiter J: Loss of Alignment After Operative Treatment of Posterior Monteggia Fractures: Salvage with Dorsal Contoured Plating

American Orthopaedic Foot and Ankle Society - 8<sup>th</sup> Annual Summer Meeting - Traverse City, MI - July 2002

Nielsen JH, Petersen MGR, Ramos A, Sallis JG, Potter HH, Helfet DL, Lorich DG: "Do Radiographic Measurements Effectively Predict Potential Instability in Ankle Fractures? A Correlation to MRI"

Orthopaedic Trauma Association 18<sup>th</sup> Annual Meeting - Toronto, Canada, October 2002

- (i) Rozbruch SR, Blyakher A, Helfet DL, Warren RF: "Knee Arthrodesis and Simultaneous Leg Lengthening Using the Ilizarov Method".
- (ii) Egol KA, Helfet DL, Koval KJ: "Efficacy of Telemedicine in the Initial Management of Orthopaedic Trauma"
- (iii) Nielson JH, Peterson MGR, Sallis JG, Potter HG, Helfet DL, Lorich DG: "Do Radiographic Measurements Effectively Predict Potential Instability in Ankle Fractures? A Correlation with Magnetic Resonance Imaging."

International Conference on Bone Morphogenetic Proteins - Sacramento, California, October 2002:

Kloen P, DiPaola M, Borens O, Richmond J, Goumans MJ, Pironi G, Helfet DL: "BMP Signaling Components are Expressed in Human Fracture Callus".

Annual Meeting of the American Society for Surgery of the Hand, Phoenix, AZ. October 2002

Ring D, Kloen P, Helfet D, Jupiter JB: "Locking compression plate for delayed unions and nonunions of the humerus"

Annual Meeting of the Orthopaedic Trauma Association, Toronto, Ontario, Canada. October 2002

Ring D, Kloen P, Helfet D, Jupiter JB: "Locking compression plate for delayed unions and nonunions of the humerus"

ASSH Residents and Fellows Conference, Phoenix, AZ. October 2002.

Tavakolian J, Ring D, Kloen D, Helfet D, Jupiter JB. " Loss of alignment after operative treatment of posterior Monteggia fractures: Salvage with dorsal contoured plating."

Annual Meeting of the Eastern Orthopaedic Association. Amelia Island, Florida. October 2002

Ring D, Kloen P, Helfet D, Jupiter JB: "Locking compression plate for delayed unions and nonunions of the humerus."

49th Annual Meeting of the Orthopaedic Research Society, New Orleans, February 2003.

Borens O, Rapuono BE, Tomin A, Dimoulas I, Lane JM, Helfet DL  
"The Effect of COX-2 Inhibitors on the Formation of Heterotopic Bone in a New Rat Model"

6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), June 2003  
Borens O, Rapuano BE, Tomin A, Dimoulas I, Lane JM, Helfet DL  
"The Effect of COX-2 Inhibitors on the Formation of Heterotopic Bone in a New Rat Model" (Accepted)

American Academy of Orthopaedic Surgeons 71<sup>st</sup> Annual Meeting – San Francisco, CA, March 2004

- (i) Ring D, Kloen P, Kadzielski J, Helfet DL: "Locking Compression Plates for Delayed Unions and Nonunions of the Diaphyseal Humerus"
- (ii) Ring D, Tavakolian JD, Helfet DL, Kloen P, Jupiter JB: "Post-Op Loss of Alignment Posterior Monteggia Fractures: Salvage with Dorsal Contoured Plating"

American Academy of Orthopaedic Surgeons 72<sup>nd</sup> Annual Meeting – Washington, D.C., February 2005

- (i) Gardner M, Helfet DL, Lorich DG, Wright T, Brophy R: "The Biomechanical Behavior of Locking Compression Plates in Osteoporotic Bone"
- (ii) Gardner M, Helfet DL, Mintz D, Potter H, Lorich DG: "Soft Tissue Injuries in Operative Tibial Plateau Fractures: An MRI Study of 103 Patients"
- (iii) Gardner, Helfet DL, Mintz D, Potter H, Lorich DG: "Prediction of Soft Tissue Injuries in Schatzker II Tibial Plateau Fractures"

Orthopaedic Trauma Association 21<sup>th</sup> Annual Meeting - Ottawa, Canada, October 2005

- (i) Toro JB, Harrison M, Hierholzer C, Gardner M, Lorich DG, Helfet DL: "Use of the Knee Society Clinical Rating System in Evaluation of Patient Outcomes Following Open Reduction and Internal Fixation of Distal Femur Nonunions"
- (ii) Toro JB, Harrison M, Hierholzer C, Oh L, Hettrich C, Lorich DG, Helfet DL: "Open Reduction and Internal Fixation of Intra-Articular and Metaphyseal Delayed Unions and Nonunions of the Proximal Tibia"

American Academy of Orthopaedic Surgeons 73<sup>rd</sup> Annual Meeting – Chicago, March 2006

1. Poster P507: Gardner MJ, Griffith MH, Demetrakopoulos D, Brophy RH, Grose A, Helfet DL, Lorich DG: "Hybrid Locked Plating of Osteoporotic Fractures"
2. Poster P478: Sen MK, Sama N, Raglan M, Bircher C, Bircher M, Helfet DL: "Acetabular Fractures in the Paediatric Population"
3. Poster P040: Zelken J, Helfet DL, Buly RL, Ranawat A: "Cementless Acetabular Fixation for Post-traumatic Arthritis"
4. Paper No. 488: Helfet DL: "Malreduction of the Tibiofibular Syndesmosis"
5. Paper No. 490: Helfet DL: "The Lauge-Hansen classification for predicting ligament injury in ankle fractures: An MRI study"

Orthopaedic Trauma Association 22<sup>nd</sup> Annual Meeting – Phoenix, October 2006

Paper #20: Grose AW, Gardner MJ, Hettrich C, Fishman F, Lorich DG, Asprinio DE, Helfet DL: "Open Reduction Internal Fixation via an Anterolateral Approach"

American Academy of Orthopaedic Surgeons 74<sup>th</sup> Annual Meeting – San Diego, February 2007

1. Paper No. 236: Gardner MJ, Voos J, Wanich T, Helfet DL, Lorich DG: "Minimally Invasive Plating of Proximal Humerus Fractures: Vascular Implications"
2. Paper No. 329: Gardner MJ, Barker J, Backus SI, Delos D, Helfet DL, Lane JM, Lorich DG: "The Accuracy and Repeatability of a Novel Gait Analysis Device"
3. Paper No. 357: Issack P, Toro J, Buly RL, Helfet DL: "Sciatic Nerve Release Following Trauma or Reconstructive Surgery of the Acetabulum"
4. Poster # P471: Gardner MJ, Toro J, Harrison M, Hierholzer C, Lorich DG, Helfet DL: "Open Reduction and Internal Fixation of Distal Femoral Nonunions"
5. Poster # P473: Gardner MJ, Barker J, Weil Y, Helfet DL, Kelly BT, Lorich DG: "The Importance of Medial Calcar Support in Locked Plating of Proximal Humerus Fractures"
6. Poster # P529: Issack P, Lauerma MH, Helfet DL, Doty D, Lane JM: "Alendronate Inhibits PTH-Induced BMP Expression in Osteoblasts"

Orthopaedic Trauma Association 23<sup>rd</sup> Annual Meeting – Boston, October 2007

1. Poster #3: Robertson W, Barker JU, Boraiah S, Weil YA, Helfet DL: "Abductor-Sparing Femoral Nailing: Anatomy of the Greater Trochanteric 'Bald Spot' "
2. Poster #40: Boraiah S, Gardner MJ, Weil YA, Helfet DL, Lorich DG: "Anterior Knee Pain Following a Modified Lateral Parapatellar Approach for Tibial Nailing"
3. Poster #42: Gardner MJ, Toro-Arbelaes JB, Boraiah S, Lorich GL, Helfet DL: "Surgical Treatment and Outcomes of Extra-articular Proximal Tibial Nonunions"
4. Poster #55: Nousiainen MT, Weil YA, Helfet DL: "Sacroiliac Joint Arthrodesis"

5. Poster #71: Boraiah S, Hentel KD, Helfet DL, Lorich DG: "The Hyperplantarflexion Ankle Fracture Variant"
6. Poster #82: Gardner MJ, Helfet DL, Pearle AD: "Accuracy of Navigated Femoral Fracture Reduction: A Laboratory Study"
7. Poster #149: Gardner MJ, Boraiah S, Helfet DL, Lorich DG: "Functional Outcomes and Safety of the Anterolateral Acromial Approach for Treatment of Proximal Humerus Fractures"

#### **VISITING PROFESSOR:**

- (i) University of Nottingham, Nottingham, England; May 1985.
- (ii) University of Bern, Bern, Switzerland; December 1986.
- (iii) University of Cape Town, South Africa; January 1988.
- (iv) University of Tennessee, Chattanooga, Tennessee; May 1988.
- (v) University of Stellenbosch, South Africa; January 1989.
- (vi) Harvard University, Boston, Massachusetts; November 1989.
- (vii) Medical College of Hannover, Trauma Clinic; Hannover, West Germany; February 1990.
- (viii) Johns Hopkins University/Union Memorial Hospital, Baltimore, Maryland; May 1990.
- (ix) University of Puerto Rico; February 1991.
- (x) Schnurmacher Visiting Professor/Lenox Hill Hospital, New York, New York; May 1991.
- (xi) Albert Einstein College of Medicine/Jacobi Hospital, Bronx, New York; June 1992.
- (xii) Wayne State University; Detroit, Michigan; June 1993.
- (xiii) Frank N. Potts Visiting Professor; Buffalo General Hospital, Buffalo, New York; November 1994.
- (xiv) Hadassah University, Jerusalem, Israel; December 1995.
- (xv) Medical College of Wisconsin, Milwaukee, Wisconsin, January 1996.
- (xvi) University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania, April 1998
- (xvii) Georgia Baptist Medical Center, Atlanta Georgia, June 1999
- (xviii) Washington University in St. Louis, St. Louis, MO, January 2000
- (xix) Union Memorial Hospital in Baltimore, MD, June 2005

#### **PUBLICATIONS - GUEST EDITOR**

1. Injury, Vol 32, Supplement 1, May 2001: Minimally Invasive Reduction and Osteosynthesis of Articular Fractures (MIPO: Part III)

#### **PUBLICATIONS - ARTICLES:**

1. Kaminsky, Davidson and Helfet: "Cytochromes", Biochemistry, II(20):3702-06, 1972.
2. Matthews LS, Vetter WL, Helfet DL: "Arthroscopic Surgery of the Shoulder", Advances in Orthopaedic Surgery 7(45)203-210, 1984.
3. Helfet DL: "Bi-Condylar Intra-articular Fractures of the Distal Humerus in Adults: Their Assessment, Classification and Operative Management", Advances in Orthopaedic Surgery, 8(4): 223-35, 1985.
4. Vetter W L, Helfet DL, Matthews LS, Spear K : "Aerobic Dance Injuries", The Physician and Sports Medicine, 13(2): 114-120, 1985.
5. Matthews LS, Helfet DL, Michael RH, Zarins B: "Anterior Portal Selection for Shoulder Arthroscopy", The Journal of Arthroscopic and Related Research 1(1): 1985.
6. Matthews LS, Vetter WI, Oweida SJ, Spearman J, Helfet DL: "Arthroscopic Staple Capsulorrhaphy for Recurrent Anterior Shoulder Instability" The Journal of Arthroscopic and Related Surgery, 4(2): 106-111, 1988.
7. Helfet DL: "Open Reduction Internal Fixation of the Pelvis", Techniques in Orthopaedics, 4(4): 67-78, 1990.
8. Johnson EE, Simpson LA, Helfet DL: "Delayed Intramedullary Nailing After Failed External Fixation of the Tibia" Clinical Orthopaedics and Related Research 253: 251-257, 1990.
9. Johansen K, Daines M, Howey T, Helfet DL, Hansen, Jr. ST: "Objective Criteria Accurately Predict Amputation Following Lower Extremity Trauma" Journal of Orthopaedic Trauma, 30: 568-573, 1990.
10. Sanders RW, Fortin P, Ross E, Helfet DL: "Outer Gloves in Orthopaedic Procedures: Cloth Compared with Latex" Journal of Bone and Joint Surgery, 72A(6): 914-918, 1990.
11. Helfet DL, Howey T, Sanders R, Johansen K: "Limb Salvage vs. Amputation: Preliminary Results of the Mangled Extremity Severity Score" Clinical Orthopaedics and Related Research 256: 80-86, 1990.
12. Helfet DL, Hotchkiss RN: "Internal Fixation of the Distal Humerus: A Biomechanical Comparison of Methods" Journal of Orthopaedic Trauma, 4(3): 260 - 264, 1990.
13. Helfet DL: "Trauma Editorial Overview", Current Opinion in Orthopaedics, No 1, pp 215:216, 1990
14. Sanders RW, Swiontkowski M, Rosen H, Helfet DL: "Double-Plating of Comminuted, Unstable Fractures of the Distal Part of the Femur" Journal of Bone and Joint Surgery, 73A(3): 341-346, 1991.
15. Helfet DL: "Acetabular Fractures in the Elderly: Is Open Reduction and Internal Fixation Justified?" Florida Orthopaedic Society Journal, 11-12, 1991.

16. Sanders RW, Helfet DL: "The Choice Between Limb Salvage and Amputation Trauma" Florida Orthopaedic Society Journal, 5-10, 1991.
17. Helfet DL, Hissa E, Sergay S, Mast J: "Somatosensory Evoked Potential Monitoring in the Surgical Management of Acute Acetabular Fracture", Journal of Orthopaedic Trauma, 5(2):161-166, 1991.
18. Schmeling GJ, Helfet DL: "Complex Acetabular Fracture," Orthopaedic Consultation, 12(9): 5-12, 1991.
19. Helfet DL: "Trauma, Editorial Overview," Current Opinions in Orthopaedics, 2: 621-622, 1991.
20. Helfet DL, Koval KJ: "The Management of Fractures of the Tibial Plateau," International Journal of Orthopaedic Trauma, 1(3): 148-160, 1991.
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22. Sanders RW, Pappas J, Mast J, Helfet DL: "The Salvage of Open Grade IIIB Ankle and Talus Fractures," Journal of Orthopaedic Trauma, 6(2): 201-208, 1992.
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28. Borrelli Jr JD, Helfet DL: "Pelvic and Acetabular Trauma" Current Opinions in Orthopaedics, 3(5): 592-598, 1992.
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30. Sanders RW, Koval KJ, DiPasquale T, Frankel M, Helfet DL: "Retrograde Reamed Femoral Nailing," Journal of Orthopaedic Trauma, 7(4): 293-302, 1993.
31. Koval KJ, Sanders RW, Zuckerman JD, Helfet DL, Kummer F, DiPasquale T: "Modified-Tension Band Wiring of Displaced Surgical Neck Fractures of the Humerus" Journal of Shoulder and Elbow Surgery, 2:85-92, 1993.
32. Helfet DL, Schmeling GJ: "Bicondylar Intraarticular Fractures of the Distal Humerus", Clinical Orthopaedics and Related Research, 292: 26-36, 1993.
33. Borrelli Jr JD, Helfet DL: "Acetabular Fractures", Current Opinions in Orthopaedics, 4:18-22, 1993.
34. Helfet DL: Editorial, "Trauma: The Cornerstone of Orthopaedic Surgery", Orthopaedic Review: Aspects of Trauma, 2:6, 1994.
35. Helfet DL, Howey T, DiPasquale T, Sanders R, Zinar D, Brooker A: "The Treatment of Open and/or Unstable Tibia Fracture With an Unreamed Double-Locked Tibial Nail", Orthopaedic Review: Aspects of Trauma, 2:9-17, 1994.
36. Malkani, AL, Helfet DL: "Hip Osteotomies", Current Opinion in Orthopaedics, 5:1:16-21, 1994.
37. Helfet DL, Schmeling GJ: "Somatosensory Evoked Potential Monitoring in the Surgical Treatment of Acute, Displaced Acetabular Fractures: Results of a Prospective Study", Clinical Orthopaedics and Related Research, 301:213-220, 1994.
38. Helfet DL, Editorial, "Consensus Fracture Classification? Yes, and Before 'Outcome'", Orthopaedic Review: Aspects of Trauma, 5:6,31, 1994.
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40. Helfet DL, Koval K, Pappas J, Sanders RW, DiPasquale T: "Intraarticular Pilon Fracture of the Tibia," Clinical Orthopaedics and Related Research, 298:221-228, 1994.
41. Potter HG, Montgomery KD, Heise CW, Helfet DL: "Magnetic Resonance Imaging of Acetabular Fractures: Value in Detecting Femoral Head Injury, Intraarticular Fragments and Sciatic Nerve Injury." American Journal of Radiology, 163:881-886, 1994.
42. Helfet DL: "Editorial: Emile Letournel." Orthopaedic Review, Aspects of Trauma, 6:6,5, 1994.
43. Koval KJ, Helfet DL: "Tibial Plateau Fractures: Evaluation and Treatment." Journal of the American Academy of Orthopaedic Surgeons, 3:2, 86-94, 1995.
44. Helfet DL, Koval KJ, Hissa EA, Patterson S, DiPasquale T, Sanders RW: "Intraoperative Somatosensory Evoked Potential Monitoring During Acute Pelvic Fracture Surgery." Journal of Orthopaedic Trauma, 9:1,28-34, 1995.
45. Helfet DL, Malkani AL: "Blade-Plate Fixation of Supracondylar Femur Fractures." Techniques in Orthopaedics, 9:3, 203-209, 1995.
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- Joint." *Journal of Orthopaedic Trauma*, 10:3, p. 165-170, 1996.
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  54. Helfet DL, Anand N, et.al.: "Intraoperative Monitoring of Motor Pathways During Operative Fixation of Acute Acetabular Fractures" *Journal of Orthopaedic Trauma* 11(1):2-6, 1997.
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  67. Helfet DL: Editorial: "The Scientific Sessions at the OTA Annual Meeting" *Journal of Orthopaedic Trauma* 12:7 456, 1998.
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