

Residency Training

Orthopaedic Surgical Residency

University of Ottawa

Program Director James G. Jarvis, MD

451 Smyth Road Ottawa, ON Canada K1H 8M5

07/1994 to 06/1999

FACULTY POSITIONS**Professor**

Department of Orthopaedics and Sports Medicine

Harborview Medical Center

University of Washington School of Medicine

9/2015 to Present

Seattle, WA

Associate Professor

Department of Orthopaedic Surgery and Sports Medicine

Morsani College of Medicine

University of South Florida

4/2015 to 8/2015

Tampa, FL

Clinical Assistant Professor

Department of Orthopaedic Surgery and Sports Medicine

Morsani College of Medicine

University of South Florida

6/2008-4/2015

Tampa, FL

Clinical Assistant Professor

Division of Orthopaedic Surgery

UCSF-Fresno Medical Education Program

University Medical Centre

9/2001 to 5/2003

Fresno, CA

HOSPITAL POSITIONS**Attending Orthopaedic Surgeon**

University of Washington

Harborview Medical Center

9/2015 to Present

Seattle, WA

Orthopaedic Liaison Paediatric Trauma Center

University of South Florida

Tampa General Hospital

9/2010 to 8/2015

Tampa, FL

Orthopaedic Liaison Trauma Operations Committee

University of South Florida

Tampa General Hospital

9/2010 to 8/2015

Tampa, FL

Director of Research

Orthopaedic Trauma Service

07/2007 to 08/2015

Tampa, FL

Director of Orthopaedic Trauma Fellowship

07/2009 to 08/2015

Orthopaedic Trauma Service

Tampa, FL

Chief, Division of Orthopaedic Surgery
University Medical Centre

08/2001 to 05/2003
Fresno, CA

HONORS

Resident Teaching Award
University of South Florida

2015

Resident Teaching Award
University of South Florida

2014

Resident Teaching Award
University of South Florida

2013

Resident Teaching Award
University of South Florida

2012

Resident Teaching Award
University of South Florida

2011

Howard Rosen Teaching Award
AO North America

2008

Cervical Spine Research Society Best Fellow Paper

2001

Paediatric Orthopaedic Society Best Scientific Paper

1998

BOARD CERTIFICATIONS

American Board of Orthopedic Surgery
Certified July 2004
Re-certified July 2013

CURRENT MEDICAL LICENSES

Florida ME78910

Washington MD60580578

8/18/15 to Present

PREVIOUS LICENSE(S)

California A76334

PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons

Member since: 2004

Offices Held: Subcommittee on Trauma

American College of Surgeons

Member since: 2011

Offices Held: Florida Committee on Trauma

ACS/National Committee on Trauma

Member since: 2017

Offices Held: Subcommittee on Rural Trauma and Trauma Systems

Foundation for Orthopaedic Trauma

Member since: 2010

Offices Held: Board Member: 2010-2012

By-Laws Committee: 2010-2012

Orthopaedic Trauma Association

Member since: 2000

Offices Held: Evidence Based Medicine Committee 2012 - Present
Education Committee 2007 - 2008

Western Trauma Association

Member Since: 2009

Offices Held: Program Committee: 2013, 2014

TEACHING RESPONSIBILITIES

INTERNATIONAL PRESENTATIONS

Hellenic Assoc. of Orthopaedic Surgery and Traumatology, Athens, Greece 1.Faculty 2.Guest Speaker	10/10-13/18
AO International, Pelvic and Acetabular Fracture Course, Tianjin, China 1.Faculty 2.Guest Speaker	6/5-10/18
European Pelvic Fracture Conference, Hamburg, Germany 1.Faculty 2.Speaker 3.Table Instructor	3/22-24/18
University of Oslo, Norway 1.Guest Speaker 2.PhD Opponent (Clarke-Jennsen)	2/8-9/18
Bristol University Pelvic Update, Bristol, UK 1.Guest Speaker	9/29-30/17
Emille Letournel Annual Pelvic and Acetabular Course, Hamburg, Germany 1. Faculty 2. Speaker 3. Table Instructor	9/25-28/17
AAOS/Indian Orthopaedic Assoc. Trauma Conclave, Goa, India 1. Faculty 2. Speaker	9/7-10/17
European Pelvic Fracture Conference, Hamburg, Germany 1. Faculty 2. Speaker and Table Instructor	5/3-6/17
Emille Letournel Annual Pelvic and Acetabular Course, Lucerne, Switzerland 1. Faculty 2. Speaker and Table Instructor	9/20-27/15
AO Latin America Pelvic and Acetabular Fracture Course, Santiago, Chile 1. Faculty 2. Speaker and Table Instructor	10/19-24/15
European Pelvic Fracture Conference, Hamburg, Germany 1. Faculty 2. Speaker and Table Instructor	5/6-8/15

AO International: Advances in Poly-trauma, Madrid, Spain	3/2-6/15
1. Faculty	
2. Speaker	
AO North America: Pelvic and Acetabular Course, Toronto, Canada	5/9-12/12
1. Faculty	
2. Speaker and Table Instructor	
International Trauma Symposium, Zurich, Switzerland	3/10-12/11
1. Faculty	
2. Speaker and Table Instructor	
International Trauma Symposium, Zurich, Switzerland	11/2/10
1. Faculty	
2. Speaker and Table Instructor	
International Trauma Symposium, Zurich, Switzerland	3/17/10
1. Faculty	
2. Speaker and Table Instructor	
International Trauma Symposium, Zurich, Switzerland	10/21/09
1. Faculty	
2. Speaker and Table Instructor	
International Trauma Symposium, Zurich, Switzerland	3/11/09
1. Faculty	
2. Speaker and Table Instructor	
Orthopaedic Trauma Association Annual Meeting, Ottawa, Canada	10/16/2005
1. Residents Basic Fracture Course.	
2. Minimally Invasive Femoral Nailing	

NATIONAL PRESENTATIONS

AO North America Pelvic and Acetabular Course, Tampa, FL	5/10-13/18
1. Chairman	
2. Faculty	
3. Table Instructor	
AO North America Pelvic and Acetabular Course, Chicago, IL	6/1/17-6/4/17
1. Co-Chair	
2. Speaker	
3. Table Instructor	
Emille Letournel Annual Pelvic and Acetabular Course, Santa Monica, USA	9/18-21/16
1. Faculty	
2. Speaker and Table Instructor	

AO Pelvic Meeting, Houston, TX 1. Faculty	5/20-21/16
AO Trauma Symposium-Fellows Cadaver, Las Vegas, NV 1. Faculty	2/11-14/16
Trauma Fellows Pelvic Dissection Course, Tampa, FL 1. Chairman 2. Speaker and Table Instructor	11/6-7/15
OTA Annual Meeting, San Diego, CA 1. Faculty	10/7/15
Cincinnati Trauma Update, Cincinnati, OH 1. Faculty 2. Speaker and Table Instructor	5/29/15
Masters Fracture Forum, Dana Point, CA 1. Faculty 2. Speaker	4/15/15
AO North America: Fellows Dissection Course, Las Vegas, NV 1. Faculty 2. Speaker and Table Instructor	1/27/15
Trauma Fellows Pelvic Dissection Course, Tampa, FL 1. Chairman 2. Speaker and Table Instructor	11/14/14
Emille Letournel Annual Pelvic and Acetabular Course, Santa Monica, CA 1. Faculty 2. Speaker and Table Instructor	9/2014
AO North America: Pelvic and Acetabular Course, Tampa, FL 1. Faculty 2. Speaker and Table Instructor	5/15/14
AO North America: Basic Principles Course, New Orleans, LA 1. Chairman 2. Speaker	1/8/14
Western Trauma Association, Snowmass, CO 1. Faculty 2. Speaker	3/10/13
AO North America: Pelvic and Acetabular Course, Las Vegas, NV 1. Faculty 2. Speaker and Table Instructor	5/13/13

Cincinnati Trauma Update 2013, Cincinnati, OH	5/30/13
1. Faculty	
2. Speaker	
Fellows Pelvic Dissection Course, Ft. Lauderdale, FL	10/8/13
1. Chairman	
2. Speaker and Table Instructor	
ET Smith Annual Orthopaedic Lectureship, Houston, TX	11/14/13
1. Faculty	
2. Speaker	
AAOS/OTA Trauma Update Course Orlando, FL	4/12/12
1. Faculty	
2. Speaker	
Emille Letournel Annual Pelvic and Acetabular Course, Santa Monica, CA	9/25/12
1. Faculty	
2. Speaker and Table Instructor	
Fellows Pelvic Dissection Course, Ft. Lauderdale, FL	11/16/12
1. Chairman	
2. Speaker and Table Instructor	
Surgical Approaches for Internal Fixation, Memphis TN	11/30/12
1. Chairman	
AO North America: Pelvic and Acetabular Course, Miami FL	5/31/11
1. Faculty	
2. Speaker and table Instructor	
AAOS/OTA Trauma Update Course, Orlando, FL	3/31/11
1. Faculty	
2. Speaker and Table Instructor	
AO North America:Principles Course, San Antonio, TX	1/2/11
1. Faculty	
2. Speaker and Table Instructor	
AO North America: Pelvic and Acetabular Course Toronto, CA	5/13/10
1. Faculty	
2. Speaker and Table Instructor	
AO North America: Operating Room Personnel Advanced Course Tampa, FL	7/16/10
1. Chairman	
2. Speaker and Table Instructor	
Fellows Pelvic Dissection Course, Ft. Lauderdale, FL	9/11/10

1. Chairman	
2. Speaker and Table Instructor	
Emille Letournel Pelvic and Acetabular Course, Santa Monica, CA	9/22/10
1. Faculty	
2. Speaker and Table Instructor	
Orthopaedic Trauma Association Annual meeting, San Diego, CA	10/8/09
1. Faculty Residents Fracture Course	
2. Faculty/speaker for Young Practitioner's Forum	
3. Faculty/speaker for Bone Graft Symposium.	
Florida Orthopaedic Society Annual Meeting, St. Petersburg, FL	5/16/09
1. Moderator Trauma Session	
2. Faculty and Speaker	
AO North America: Pelvic Course Birmingham, AB	4/30/09
1. Faculty	
2. Speaker and Table Instructor	
AAOS/OTA Trauma Update Course Orlando, FL	4/3/09
1. Faculty	
2. Speaker and Table Instructor	
American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas NV	2/26/09
1. Moderator General Trauma Podium Paper Session	
2. Faculty Acute Management of Pelvic Fractures	
Surgical Approaches for Internal Fixation Memphis, TN	1/31/09
1. Faculty	
2. Speaker and Table Instructor	
American Academy of Orthopaedic Surgeons Annual Meeting	2008
1. Moderator General Trauma Podium Paper Session	
2. Locked Plating Surgical Skills Lab	
Orthopaedic Trauma Association Annual Meeting	2008
1. Faculty:Residents Basic Fracture Course	
2. Pelvic and acetabular fractures symposium.	
3. Faculty: Young Practitioners Forum	
4. Moderator Spinal Fractures Podium Paper Session	
AO North America: Advanced Fracture Course Marco Island, FL	2008
1. Faculty	
2. Speaker and Table Instructor	
AO North America: Basic Principles Fracture Course, Seattle, WA	2008
1. Faculty	
2. Speaker and Table Instructor	

International Trauma Symposium, Fort Lauderdale, FL	2008
1. Faculty	
2. Speaker and Table Instructor	
Fellows Pelvic Dissection Course, Mahwah, NJ	2008
1. Faculty	
2. Speaker and Table Instructor.	
Current Solutions in Orthopaedic Trauma, Phoenix, AZ	2008
1. Faculty	
2. Speaker and Table Instructor.	
Orthopaedic Trauma Association Annual Meeting, Boston, MA	2007
1. Faculty: Pelvic and Acetabular fractures session.	
2. Faculty: Symposium - Treatment of Non-unions.	
3. Faculty: Young Practitioners Forum	
OTA Resident's Basic Fracture Course	2007
1. Chairman	
2. Speaker and Table Instructor	
South-East Trauma Symposium, San Destin, FL	2007
1. Faculty	
2. Speaker and Table Instructor	
Boston Trauma Symposium, Boston, MA	2007
1. Faculty	
2. Speaker and Table Instructor	
Surgical Approaches for Internal Fixation, Memphis, TN	2007
1. Faculty	
2. Speaker and Table Instructor	
Florida Orthopaedic Society Annual Meeting, Orlando, FL	2007
1. Faculty	
2. Speaker	
American Academy Orthopaedic Surgeons Annual Meeting, Chicago, IL	2007
1. Faculty: Instructional Course Lecture - Supracondylar Femur Fractures.	
AO North America: Advanced Operating Room Personnel Course, St. Petersburg, FL	2006
1. Chairman	
2. Speaker and Table Instructor	
Current Solutions in Orthopaedic Trauma. Orlando, FL	2006
1. Faculty	
2. Speaker and Instructor	
OTA Residents Basic Fracture Course Phoenix, AZ	2006

1. Chairman	
2. Speaker and Table Instructor	
Surgical Approaches for Internal Fixation, Phoenix AZ	2006
1. Faculty	
2. Speaker and Table Instructor	
18 th Annual Emille Letournel Pelvic and Acetabular Course, Santa Monica, CA	2006
1. Faculty	
2. Speaker and Table Instructor	
Florida Orthopaedic Society Annual Meeting, Destin, FL	2006
1. Faculty	
2. Speaker	
OTA Advanced Residents Fracture Course, Atlanta, GA	2006
1. Faculty	
2. Speaker and Table Instructor	
Masters Fracture Forum, Laguna Niguel, CA	2006
1. Faculty	
2. Speaker	
American Academy Orthopaedic Surgeons, AOFAS Specialty Day, Chicago, IL	2006
1. Faculty	
2. Speaker	
Masters Fracture Forum, Laguna Niguel, CA	2005
1. Fractures of the Talus and Calcaneus.	
Locked Plate Fixation of Lower Extremity Fractures, St. Petersburg, FL	2005
1. Course Chairman	
OTA Resident's Basic Fracture Course, Ft Lauderdale, FL	2004
1. Faculty	
2. Speaker and Table Instructors.	
North American Spine Society Annual Meeting, Chicago, IL	2004
1. Speaker: Symposium Multi-Disciplinary Approach to Spine Fracture Care.	
Florida Orthopaedic Society Annual Meeting, Key Largo, FL	2004
1. Moderator for Trauma Breakout Session.	
Orthopaedic Trauma Association Annual Meeting, Salt Lake City, UT	2003
1. Speaker: Symposium Spinal Fractures and Dislocations.	
OTA Resident's Basic Fracture Course, Salt Lake City, UT	2003
1. Faculty	
2. Speaker and Table Instructor	

North American Spine Society Annual Meeting, Chicago, IL 2003
1. Speaker: Symposium Multi-Disciplinary Approach to Spine Fracture Care.

OTA Resident's Basic Fracture Course, Toronto, CA 2002
1. Faculty
2. Speaker and Table Instructor

INVITATIONS AS GUEST LECTURER / VISITING PROFESSOR

University of Oslo, Oslo, Norway 10/2/2017
Topic: Examination Under Anaesthetic and Occult Pelvic Instability

Bristol University, Bristol, UK 9/30/2017
Topic: Pelvic Fractures, Current Concepts

Laval University, Montreal, Quebec, CA 3/30-3/31/17
Topic: Open Fractures, Pelvic Fractures, Avoiding Complications

Society of Military Orthopaedic Surgeons 12/12-12/14/16
Topic: Pelvic Fractures, Current Methods and Future Directions

New England Orthopaedic Society Annual Meeting 6/3-6/5/16
Topic: Quantifying Pelvic Instability after Trauma
Intramedullary Reamings as a Source of Bone Graft
Current Management of Open Fractures

University of Ottawa Residency Program 5/12-5/15/16
Topic: Current Management of Open Fractures

University of Nebraska, Omaha Nebraska 6/11-6/12/15
Topic: Orthopaedic Surgery Residency Graduation Visiting Professor

Vanderbilt University, Trauma Grand Rounds 10/28-10/29/14
Topic: Controversies in Pelvic and Acetabular Surgery

University of Ottawa, Garth Johnson Visiting Professor in Trauma 9/9-9/10/14
Topic: Current Management of Open Fractures.

Michigan State University Grand Rounds, Troy, MI 7/10/13
Topic: Modern concepts in treatment of femoral fractures.

Irish Orthopaedic Association, Lough Erne, Northern Ireland 6/21/12
Topic: Keynote speaker – Contemporary Management of Pelvic Fractures

Val D'Hebron Hospital, Barcelona, Spain 3/27/12
Topic: Pelvic Fractures: Acute Management
Topic: Sacral Fractures: Historical Aspects of Treatment

York University, York, UK Topic: New Techniques in Intramedullary Nailing of the Tibia	7/13/11
University of Texas, San Antonio Topic: Assessing Stability of the Pelvic Ring Following Trauma	6/13/11
Michigan Orthopaedic Society Guest Speaker Topic: Sacral Fractures Topic: EUA of Pelvic Fractures	4/28/11
Brooke Army Medical Center, San Antonio, TX Topic: Management of Sacral Fractures	1/2/11
University Vall'Hebron Hospital, Barcelona, Spain Topic: Pelvic and Acetabular Fractures.	11/1/10
University of Michigan COGMET Topic: Tips and Tricks for Femoral Nailing	9/8/10
Beaumont Hospital Orthopaedic Residency Program Topic: Management of Sacral Fractures	11/16/09
Dalhousie University, Halifax, Nova Scotia, Canada Topic: Management of Sacral Fractures	5/19/09
Indiana University Topic: Management of Sacral Fractures	4/9/09
Loma Linda Medical Center Topic: Management of Sacral Fractures	3/8/09
Orlando Regional Medical Center Topic: Spinal Pelvic Fixation for Vertically Unstable Pelvic Injuries.	8/2007
University of Louisville, Kentucky, Leatherman Spine Institute Topic: Spinal Pelvic Fixation for Vertically Unstable Pelvic Injuries.	11/2007
Columbia University, New York, NY Topic: Principles of Fixation of Pelvic Fractures.	11/2006

EDITORIAL RESPOSIBILITES

1) *Journal of Orthopaedic Trauma*. Section Editor, Pelvis and Acetabulum

SPECIAL NATIONAL RESPONSIBILITES

- 1) *Major Extremity Trauma Research Consortium*. Principal Investigator Core Site (Tampa, FL)
- 2) *National Committee on Trauma, American College of Surgeons*

GRANTS:

1. Foundation for Orthopaedic Trauma Research Grant. Assessing Coagulopathy in Trauma Patients with Isolated Pelvic and Acetabular Fractures. Principal Investigator: Henry Claude Sagi, MD. Amount \$20,000.
2. Foundation for Orthopaedic Trauma Research Grant. Immediate Weight-Bearing after Distal Tibia Intramedullary Fracture Fixation – A Biomechanical Study of Distal Interlocking Screw Number and Position. Principal Investigator: Daniel S. Chan, MD; Co-Principal Investigator: H. Claude Sagi, MD. \$17,904.50.
3. Orthopaedic Trauma Association Clinical Research Grant: “Randomized Clinical Trial of Suprapatellar versus Infrapatellar Tibial Intramedullary Nailing: A Pilot Study.” Principal Investigator: Roy Sanders, MD. Co-Principal Investigator: H. Claude Sagi, MD. Amount: \$38,680.
4. Orthopaedic Trauma Association Resident Research Award to study biomechanical properties of cannulated screw and tension band fixation of patella fractures. Resident: Eric Henderson, MD. Senior Investigator: H. Claude Sagi, MD. November 2009. Amount \$10,000.
5. Foundation for Orthopaedic Trauma Research Grant to study the histological and biochemical properties of intramedullary reaming as bone graft compared to iliac crest: “Qualitative Differences of Bone Graft Obtained with a Reamer Irrigator/Aspirator and Iliac Crest Bone Graft”. Principal Investigator: H. Claude Sagi, MD. July 2008. Amount \$19,908.
6. Synthes, USA Educational/Research Grant for biomechanical studies directed toward the Reamer Irrigator Aspirator: “The Effect of Eccentric Reaming and Cortical Thinning on the Mechanical Strength of the femur and Tibia after Bone Graft harvesting with the Synthes Reamer Irrigator Aspirator (RIA)”. Principal Investigator: H. Claude Sagi, MD. June 2006. Amount \$52,581.
7. Orthopaedic Research and Education Foundation Zimmer Career Development Research Grant Recipient: June 2004. Amount \$50,000

BIBLIOGRAPHY:

MANUSCRIPTS IN REFEREED JOURNALS

1. Serrano R¹, Borade A, Mir H, Shah A, Watson D, Infante A, Frankle MA, Mighell MA, **Sagi HC**, Horwitz DS, Sanders RW. Anterior-Inferior Plating Results in Fewer Secondary Interventions Compared to Superior Plating for Acute Displaced Midshaft Clavicle Fractures. *J Orthop Trauma*. 2017 Sep;31(9):468-471
2. Whiting PS, Auston D, Avilucea FR, Ross D, Archdeacon M, Sciadini M, Collinge CA, **Sagi HC**, Mir HR. Negative Stress Examination under Anesthesia Reliably Predicts Pelvic Ring Union Without Displacement. *J Orthop Trauma*. 2017 Apr;31(4):189-193.
3. Au B, Groundland J, Stoops TK, Santoni BG, **Sagi HC**. Comparison of three methods for maintaining inter-fragmentary compression after fracture reduction and fixation. *J Orthop Trauma*. 2017 Apr;31(4):210-213.
4. Firoozabadi R, Alton T, **Sagi HC**. Heterotopic Ossification in Acetabular Fracture Surgery. *J Am Acad Orthop Surg*. 2017 Feb;25(2):117-124.
5. **Sagi HC**, Donohue D, Cooper S, Barei DP, Siebler J, Archdeacon MT, Sciadini M, Romeo M, Bergin PF, Higgins T, Mir H; Center for Bone and Joint Infection. Institutional and Seasonal Variations in the Incidence and Causative Organisms for Posttraumatic Infection following Open Fractures. *J Orthop Trauma*. 2017 Feb;31(2):78-84.
6. Donohoe D, Sanders D, Serrano-Riera R, Jordan C, Gaskings R, Sanders R, **Sagi HC**. Ketorolac Administered in the Recovery Room for Acute Pain Management Does Not Affect Healing Rates of Femoral and Tibial Fractures. *J Orthop Trauma*. 2016 Sep;30(9):479-482.
7. Blair JA, Stoops Tk, Doarn MC, Kemper D, Erdogan M, Griffing R, **Sagi HC**. Infection and Non-union Following Fasciotomy for Compartment Syndrome Associated with Tibia Fractures: A Matched Cohort Comparison. *J Orthop Trauma*. 2016 Jul;30(7):392-396.
8. Major Extremity Trauma Research Consortium (METRC). Building a Clinical Research Network in Trauma Orthopaedics: The Major Extremity Trauma Research Consortium (METRC). *J Orthop Trauma*. 2016 Jul;30(7):353-61.
9. Manson TT, Reider L, O'Toole RV, Scharfstein DO, Tornetta P 3rd, Gary JL; Major Extremity Trauma Research Consortium (METRC). Variation in Treatment of Displaced Geriatric Acetabular Fractures Among 15 Level-I Trauma Centers. *J Orthop Trauma*. 2016 Sep;30(9):457-62.
10. De Giacomo AF, Tornetta P 3rd, Sinicrope BJ, Cronin PK, Althausen PL, Bray TJ, Kain MS, Marcantonio A, **Sagi HC**, James CR. Outcomes after plating of olecranon fractures: A multicenter evaluation. *Injury*. 2016 Jul;47(7):1466-71.
11. Bogdan Y, Tornetta P 3rd, Einhorn TA, Guy P, Leveille L, Robinson J, Bosse MJ, Haines N, Horwitz D, Jones C, Schemitsch E, **Sagi HC**, Thomas B, Stahl D, Ricci W, Brady M, Sanders D,

Kain M, Higgins TF, Collinge C, Kottmeier S, Friess D. Healing Time and Complications in Operatively Treated Atypical Femur Fractures Associated With Bisphosphonate Use: A Multicenter Retrospective Cohort. *J Orthop Trauma*. 2016 Apr;30(4):177-81.

12. **Sagi HC**, Cooper S, Donahue D, Marberry S, Steverson B. Seasonal variations in posttraumatic wound infections after open extremity fractures. *J Trauma Acute Care Surg*. 2015 Dec;79(6):1073-8.
13. **Sagi HC**, Ahn J, Ciesla D, Collinge C, Molina C, Obremskey WT, Guillamondegui O, Orthopaedic Trauma Association Evidence Based Quality Value and Safety Committee. Venous Thromboembolism Prophylaxis in Orthopaedic Trauma Patients: A Survey of OTA Member Practice Patterns and OTA Panel Recommendations. *J Orthop Trauma*. 2015 Oct; 29 (10): e355-62.
14. Herzog GA, Serrano-Riera R, **Sagi HC**. Traumatic Proximal Tibiofibular Dislocation: A Marker of Severely Traumatized Extremities. *J Orthop Trauma*. 2015 Oct; 29(10): 456-9.
15. **Sagi HC**, Bolhofner B. Osteotomy of the Anterior Superior Iliac Spine as an Adjunct to Improve Access and Visualization through the Lateral Window. *J Orthop Trauma*. 2015 Aug;29(8):e266-9.
16. Sanders R, **Sagi HC**. Invited Commentary. *J Orthop Trauma*. 2015 Jul;29(7):306.
17. Stahl D, Serratno-Rierra R, Collin K, Griffing R, Defenbaugh B, **Sagi HC**. Operatively Treated Meniscal Tears Associated With Tibial Plateau Fractures: A Report on 661 Patients. *J Orthop Trauma*. 2015 Jul; 29(7): 322-4.
18. Chan Ds, Serrano R, Griffing R, Steverson B, Infante A, Watson D, **Sagi HC**, Sanders RW. Supra-versus Infra-patellar Tibial Nail Insertion: A Prospective, Randomized Control Pilot Study. *J Orthop Trauma*. 2015 Mar; 30(3): 130-4.
19. Kistler BJ, **Sagi HC**. Reduction of the Posterior Column in Displaced Acetabulum Fractures Through the Anterior Intra-Pelvic Approach. *J Orthop Trauma*. 2015 Feb; 29 Suppl 2: S14-9.
20. Kistler BJ, Smithson IR, Cooper SA, Cox JL, Nayak AN, Santoni BG, **Sagi HC**. Are Quadrilateral Surface Buttress Plates Comparable to Traditional Forms of Transverse Acetabular Fracture Fixation? *Clin Orthop Relat Res*. 2014 Nov;472(11):3353-61.
21. Sanders RW, DiPasquale TG, Jordan CJ, Arrington JA, **Sagi HC**. Semi-extended intramedullary nailing of the tibia using a suprapatellar approach: radiographic results and clinical outcomes at a minimum of 12 months follow-up. *J Orthop Trauma*. 2014 Aug;28 Suppl 8:S29-39.
22. Sanders RW, DiPasquale TG, Jordan CJ, Arrington JA, **Sagi HC**. Semi-extended intramedullary nailing of the tibia using a suprapatellar approach: radiographic results and clinical outcomes at a minimum of 12 months follow-up. *J Orthop Trauma*. 2014 May;28(5):245-55.
23. Chan DS, Garland J, Infante A, Sanders RW, **Sagi HC**. Wound Complications Associated with BMP-2 in Orthopaedic Trauma Surgery. *J Orthop Trauma*. 2014 Mar 27
24. **Sagi HC**, Jordan CJ, Barei DP, Serrano-Riera R, Steverson B. Indomethacin Prophylaxis for

Heterotopic Ossification after Acetabular Fracture Surgery Increases the Risk for Non-Union of the Posterior Wall.. J Orthop Trauma. 2014 Mar 11.

25. Bogdan Y, Tornetta P 3rd, Leighton R, Dahn U, **Sagi HC**, Nalley C, Sanders D, Siegel J, Mullis B, Bemenderfer T, Vallier H, Boyd A, Schmidt A, Westberg JR, Egol KA, Kottmeier S, Collinge C. Treatment and complications in orthopaedic trauma patients with symptomatic pulmonary embolism. J Orthop Trauma. 2014;28 Suppl 1:S6-9.
26. Obremskey W, Molina C, Collinge C, Tornetta P 3rd, **Sagi HC**, Schmidt A, Probe R, Ahn J, Nana A; Evidence-Based Quality Value and Safety Committee – Orthopaedic Trauma Association, Writing Committee. Current Practice in the Management of Open Fractures Among Orthopaedic Trauma Surgeons. Part B: Management of Segmental Long Bone Defects. A Survey of Orthopaedic Trauma Association Members. J Orthop Trauma. 2014 Aug;28(8):e203-7
27. Obremskey W, Molina C, Collinge C, Nana A, Tornetta P 3rd, **Sagi HC**, Schmidt A, Probe R, Ahn J, Browner BD; Evidence-Based Quality Value and Safety Committee, Orthopaedic Trauma Association, Writing Committee. Current Practice in the Management of Open Fractures Among Orthopaedic Trauma Surgeons. Part A: Initial Management. A Survey of Orthopaedic Trauma Surgeons. J Orthop Trauma. 2014 Aug;28(8):e198-202.
28. Obremskey WT, Molina CS, Collinge C, Tornetta P 3rd, **Sagi HC**, Schmidt A, Probe R, Ahn J, Nana A. Current Practice in the Management of Segmental Bone Defects Among Orthopaedic Trauma Surgeons. J Orthop Trauma. 2013 Nov 13.
29. Obremskey WT, Molina CS, Collinge C, Tornetta P 3rd, **Sagi HC**, Schmidt A, Probe R, Ahn J, Nana A, Browner B. Current Practice in the Initial Management of Open Fractures Among Orthopaedic Trauma Surgeons. J Orthop Trauma. 2013 Nov 13.
30. **Sagi HC**, Shah A. In response. J Orthop Trauma. 2013 Oct;27(10)
31. Chan DS, Burris RB, Erdogan M, **Sagi HC**. The Insertion of IMN Locking Screws without Fluoroscopy: A Faster and Safer Technique. J Orthop Trauma. 2013 Jul;27(7): 363-6.
32. **Sagi HC**, Dziadosz D, Mir H, Virani N, Olson C. Obesity, leukocytosis, embolization, and injury severity increase the risk for deep postoperative wound infection after pelvic and acetabular surgery. J Orthop Trauma. 2013 Jan;27(1):6-10.
33. **Sagi HC**, Young ML, Gerstenfeld L, Einhorn TA, Tornetta P. Qualitative and Quantitative Differences Between Bone Graft Obtained from the Medullary Canal (with a Reamer/Irrigator/Aspirator) and the Iliac Crest of the Same Patient. J Bone Joint Surg Am. 2012 Dec 5;94(23):2128-35.
34. Dombly B, Henderson E, Nayak A, Erdoğan M, Gutierrez S, Santoni BG, **Sagi HC**. Comparison of Cannulated Screw with Tension Band Wiring Versus Compressive Cannulated Locking Bolt and Nut Device (CompresSURE) in Patella Fractures – A Cadaveric Biomechanical Study. J Orthop Trauma. 2012 Dec;26(12):678-83.
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39. Collinge C, Archdeacon M, **Sagi HC**. Quality of radiographic reduction and perioperative complications for transverse acetabular fractures treated by the Kocher-Langenbeck approach: prone versus lateral position. *J Orthop Trauma*. 2011 Sep;25(9):538-42.
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57. Lindvall EM, **Sagi HC**. Selective screw placement in forearm compression plating: results of 75 consecutive fractures stabilized with 4 cortices of screw fixation on either side of the fracture. *J Orthop Trauma*. 2006 Mar;20(3):157-62; discussion 162-3.
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66. **Sagi HC**: Plate Osteosynthesis. *J Orthop Trauma* 14 (3):225, Mar-Apr 2000.
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CURRENT RESEARCH PROJECTS Initiated at Harborview Medical Centre:

1. Prospective Evaluation of Heritable Thrombophilia and Venous Thromboembolism in Trauma Patients with Isolated Operative Pelvic and Acetabular Fractures.
IRB A52727. *Active Enrolment.*
2. Prospective Multi-centre National Evaluation on the Regional and Seasonal Variations in the Incidence and Causative Organisms for Post-traumatic infection after Open Fractures.
IRB A51835. *Active Enrolment.*
3. Prospective Randomized Trial Evaluating Three Methods of Fracture Compression in Transverse Tibial Shaft Fractures.
IRB A51885. *Active Enrolment.*
4. Prospective Randomized Trial Evaluating Three Methods of Treating Sub-segmental Defects in Open Tibial Fractures.
IRB A52041. *Active Enrolment.*

BOOK CHAPTERS

1. Kleweno C, **Sagi HC**. Treatment of Sacral Fractures. (Chapter 34) In *Fractures of the Pelvis and Acetabulum*. 1st Edition. Editor: Sen, M.
2. **Sagi HC**, Rueger J. Anterior Approaches to the Acetabulum. In *Intra-articular Fractures of the Hip*. 1st Edition. Editors Castoldi F and Bonasia D.
3. Au B, Sanders D, **Sagi HC**. Pelvic and Acetabular Fractures. *Orthopedic Knowledge Update*. 12th Edition.
4. Shah A, **Sagi HC**. Schatzker Four Tibial Plateau Fractures. In *Techniques in Orthopedic Trauma*. 1st Edition. Editor Nirmal Tejwani. 2014.
5. **Sagi HC**. Sacral Fractures. In *Avoiding Complications in Orthopaedic Trauma Surgery*. 1st Edition. Chapter 26. Editors Archdeacon, Herscovici, and Ostrum. 2012.
6. **Sagi HC**. Pelvic Ring Fractures. In *Rockwood and Green's: Fractures in Adults*. 7th Edition. Chapter 45. Editors Bucholz, Heckman, Court-Brown, and Tornetta.
7. **Sagi HC**. Open Reduction Internal Fixation of the Sacro-Iliac Joint and Sacrum. In *Operative Techniques in Orthopaedic Surgery*. First Edition. Lippincott Williams and Wilkins. Editor Sam Weisel.
8. **Sagi HC**, M Jimenez. Pelvic Fractures: Definitive Management and Expected Outcomes. In *Orthopaedic Knowledge Update: Trauma*, 4th edition, Chapter 23.
9. **Sagi HC**, F Liporace. Pelvic and Acetabular Fractures. *Orthopaedic Knowledge Update*, 10th edition, Chapter 10.
10. **Sagi HC**. Single Plating of the Pubic Symphysis. In *Techniques in Fracture Surgery*. First Edition. Elsevier, Chapter 37B. Editor in Chief Paul Tornetta. (In Print)
11. **Sagi HC**. Open Reduction Internal Fixation of the Sacro-Iliac Joint via the Posterior Approach. In *Techniques in Fracture Surgery*. First Edition. Elsevier, Chapter 38D. Editor in Chief Paul Tornetta. (In Print)
12. **Sagi HC**. Open Reduction Internal Fixation of Sacral Fractures. In *Techniques in Fracture Surgery*. First Edition. Elsevier, Chapter 37B. Editor in Chief Paul Tornetta. (In Print)
13. **Sagi HC**. Sacral Fractures: Diagnosis and Management. In *Orthopaedic Knowledge Update – Spine 3*, Chapter 26. American Academy of Orthopaedic Surgeons. Section Editors HC Sagi and S Emery.
14. **Sagi HC**. Pelvic Fractures: Diagnosis and Management. In *Core Knowledge in Orthopaedics, Trauma*. Chapter 11, Editor Roy W. Sanders.
15. **Sagi HC**. Pelvic Fractures. In *General and Trauma Surgery*. Chapter 20. Editor in Chief Lewis Flint.

16. T Caron, **Sagi HC**. Knee Dislocations. In *General and Trauma Surgery*. Chapter 27. Editor in Chief Lewis Flint.
17. **Sagi HC**, HA Yuan: Complication Avoidance and Management in Vertebroplasty and Kyphoplasty. In *Vertebroplasty and Kyphoplasty*. Editors DK Resnik, JD Barr and SR Garfin. 1st edition, 2005.
18. **Sagi HC**, C Bao, HA Yuan: Artificial Discs and Prostheses. In *Advanced Techniques in Spinal Surgery*. Editors HA Yuan and PJ Connolly.
19. JC Krieg, R VonJako, MD, GL Beauregard, Ph.D, T Kapur Ph.D, **Sagi HC**, MD. Electromagnetic Surgical Navigation. In *Advanced Techniques in Spinal Surgery*. Editors HA Yuan and PJ Connolly.
20. **Sagi HC**, S Garfin, HA Yuan: Vertebroplasty and Kyphoplasty. In *Surgical Techniques of the Spine*. Thieme Publishing, Editors T Hafer and A Merola, 1st edition, 2002.

NATIONAL ACADEMIC PRESENTATIONS:

- 1998 Paediatric Orthopaedic Society of North America.
Podium presentation: *Histomorphologic Analysis of the Development of the Pars Interarticularis and its Association with Isthmic Spondylolysis.*
Award: Best Scientific Paper.
- 2001 Cervical Spine Research Society.
Podium presentation: *Airway complications Associated with Surgery on the Anterior Cervical Spine.*
Award: Best Fellowship Paper.
- 2002 Western Trauma Association
Podium presentation: *Biomechanical Analysis of Fixation for Vertically Unstable Fractures of the Pelvis.*
- 2002, 2003, and 2004 North American Spine Society
Podium presentation: *A Multidisciplinary Approach to the Essentials in Spine Care: Overview of Fracture Care.*
- 2002 Cervical Spine Research Society.
Podium Presentation: *Efficacy of Steroid in Decreasing Airway Complications in Anterior Cervical Spine Surgery.*
- 2004 Current Solutions in Orthopaedic Trauma.
Podium Presentation: Current Management of Complex Pelvic Injuries.
Demonstration: Computer Assisted Surgical Navigation in Orthopaedic Trauma.
- 2004 Orthopaedic Trauma Association
Podium Presentation: *Radiographic and Functional Outcome of Vertically Unstable Transforaminal Sacral Fractures Treated with Spinal Pelvic Fixation.*

Poster Presentation: *Evaluation of Forearm Fixation Stability with Use of Less Rigid Constructs : Results of 75 consecutive Fractures Stabilized with Four Cortices of Screw Fixation on Either Side of the Fracture.*

Poster Presentation: *The Treatment of Clavicle Fractures in Para and Quadraplegic Patients.*
- 2005 American Academy of Orthopaedic Surgeons
Podium Presentation: *Radiographic and Functional Outcome of Vertically Unstable Transforaminal Sacral Fractures Treated with Spinal Pelvic Fixation.*

- 2005 Orthopaedic Trauma Association (Ottawa, Ontario Canada):
Podium Presentation: *Comparative Radiographic and Clinical Outcome of Two-Hole and Multi-Hole Symphyseal Plating.*
- Podium Presentation: *Intramedullary Nailing vs. Percutaneous Locked Plating of Proximal Tibia Fractures: Radiographic Analysis of Accuracy of Reduction and Stability of Fixation.*
- Podium Presentation: *Outcome of Treatment of Open Tibial Fractures: A Series of 68 Fractures Treated at a Level One Trauma Center.*
- 2006 Orthopaedic Trauma Association (Phoenix, AZ):
Podium Presentation: *Results of Posterior Fixation for Vertically Unstable Sacroiliac (SI) Dislocations.*
- Podium Presentation: *Complications and Pitfalls Associated with Vertically Unstable Trans-Foraminal Sacral Fractures Treated with Spinal Pelvic Fixation .*
- 2007 American Academy of Orthopaedic Surgeons (San Diego, CA)
Podium Presentation: *Complications and Pitfalls Associated with Vertically Unstable Trans-Foraminal Sacral Fractures Treated with Spinal Pelvic Fixation .*
- 2008 Orthopaedic Trauma Association (Denver, CO)
Podium Presentation: *The modified Rives-Stoppa approach for the treatment of acetabular fractures.*
- Podium Presentation: *Factors affecting the incidence of complications with retrograde nailing of the femoral shaft.*
- Podium Presentation: *Titanium versus stainless steel locked plates for distal femur fractures: is there any difference?*
- 2009 Orthopaedic Trauma Association (San Diego, CA)
Podium Presentation: *Long-term functional outcome and complications with ORIF of patella fractures.*
- Podium Presentation: *Effect of syndesmotic mal-reduction on mid-term functional outcome of ankle fractures.*
- Poster Presentation: *Biochemical and histological comparison of autogenous bone graft obtained from the iliac crest and medullary canal reamings from the same patient.*
- 2010 Orthopaedic Trauma Association Annual Meeting (Baltimore, MD)
Podium Presentation: *The Role of Examination Under Anesthesia for Pelvic Ring Injuries*
- Podium Presentation: *Temporary Partial Intra-Iliac Balloon Occlusion for Controlling Blood Loss in Pelvic and Acetabular Surgery.*
- Poster Presentation: *Risk Factors Associated with Infection After Pelvic and Acetabular Surgery.*

- 2011 Orthopaedic Trauma Association Annual Meeting (San Diego, CA)
 Podium Presentation: *Fasciotomy for Compartment Syndrome after closed Tibial Fractures Increases Risk for Nonunion and Infection.*
- Podium Presentation: *Wound Complications Associated with the Use of rhBMP-2 in Trauma and Post-Traumatic Reconstruction.*
- 2012 American Academy of Orthopedic Surgeons Annual Meeting (San Francisco, CA)
 Podium Presentation: *Fasciotomy for Compartment Syndrome after closed Tibial Fractures Increases Risk for Nonunion and Infection.*
- Podium Presentation: *Wound Complications Associated with the Use of rhBMP-2 in Trauma and Post-Traumatic Reconstruction.*
- 2012 Western Trauma Association Annual Meeting (Vail, CO)
 Podium Presentation: *Obesity, Leukocytosis, Injury Severity and Embolization Increase the Risk for Deep Post-Operative Wound Infection after Pelvic and Acetabular Reconstructive Surgery.*
- 2012 Orthopaedic Trauma Association Annual Meeting (Minneapolis, MN)
 Podium Presentation: *Indomethacin Prophylaxis for Heterotopic Ossification after Acetabular Fracture Surgery Increases the Risk for Nonunion.*
- Podium Presentation: *Incidence of Operative Meniscal Tear Associated with Tibial Plateau Fractures.*
- Podium Presentation: *Prophylaxis for Venous Thromboembolism in Orthopaedic Trauma.*
- Poster Presentation: *Dynamization for the treatment of aseptic femoral nonunion is not effective.*
- Poster Presentation: *Current Practice Survey of the OTA for the Prophylaxis of Venous Thromboembolism in Orthopaedic Trauma.*
- Poster Presentation: *Current Practice Survey of the OTA for the Acute Treatment of Open Fractures*
- 2013 American Academy of Orthopedic Surgeons Annual Meeting (Chicago, IL)
 Podium Presentation: *Improved Outcomes with Antibiotic Cement Nails in the Treatment of Osteomyelitis*
- Podium Presentation: *Treatment and Complications in Orthopaedic Trauma Patients with Pulmonary Embolism*
- 2013 Western Trauma Association Annual Meeting (Snowmass, CO)
 Symposium: *Pelvic Packing versus Angio-embolization after pelvic fracture.*
- 2013 Orthopedic Trauma Association Annual Meeting (Phoenix, AZ)
 Podium Presentation: *Healing Times and Complications in Operatively Treated Atypical Femur Fractures Associated with Bisphosphonate Use. A Multicenter Series.*

Podium Presentation: *Locked Plating Versus Retrograde Nailing for Distal Femur Fractures: A Multicenter Randomized Trial.*

Podium Presentation: *Internal Nail Compression for Transverse Tibial Shaft Fractures Decreases Time to Union When Compared to Traditional Back-slapping and Dynamic Locking.*

2014 American Academy of Orthopedic Surgeons Annual Meeting (New Orleans, LA)
Podium Presentation: *The Anterior Intra-Pelvic Approach for the Treatment of Acetabular Fractures.*

2014 Western Trauma Association Annual Meeting (Steamboat, CO)
Podium Presentation: *Regional and Seasonal Variations in Post-traumatic Infections After Open Fractures.*

2014 Orthopaedic Trauma Association Annual Meeting (Tampa, FL)
Podium Presentation: *Regional and Seasonal Variations in Post-traumatic Infections After Open Fractures.*

Podium Presentation: *Randomized Clinical Trial of Supra- vs. Infra-patellar Tibial Nailing: A Pilot Study.*

Poster: *Biomechanical Comparison of Quadrilateral Surface Buttress Plates to Traditional Forms of Fixation for Transverse Acetabular Fractures.*

Poster: *Single- versus Two-stage Repair for Infected Tibial Nonunions.*

Poster: *Traumatic Proximal Tibio-Fibular Dislocation: A Marker of Severely Traumatized Extremities.*

2015 Orthopaedic Trauma Association Annual Meeting (San Diego, CA)
Podium Presentation: *Vancomycin and Cefepime for Open Fractures Decreases the Risk of Infection after Open Fracture...*

Podium: *Ketorolac Administered in the Recovery Room for Acute Pain Management does not Affect Healing Rates of Femoral and Tibial Fractures.*

Podium (Basic Science Forum): *Comparison of three methods for maintaining inter-fragmentary compression after fracture fixation.*

Podium: *The Effect of Knee Flexion Contracture on Outcomes of Distal Femur Fractures.*

2016 Orthopedic Trauma Association Annual Meeting (National Harbor Washington, DC)
Podium: *Immediate Weight Bearing as Tolerated has Improved Outcomes Without an Increased Risk of Reoperation after Intramedullary Fixation for Subtrochanteric Fractures Compared to Modified Weight Bearing.*

Podium: *Negative Stress Examination Under Anesthesia Is Reliable in Predicting Union Without Displacement While Fully Weight Bearing.*

Podium: *The Effect of Coronal Plane Angulation on the Outcomes of Operatively Treated Distal Femur Fractures*

2017 American Academy of Orthopedic Surgeons Annual Meeting, San Diego, CA
Podium: *Osteotomy of the Anterior Superior Iliac Spine in pelvic and Acetabular Surgery.*

INSTITUTIONAL PROTOCOL DEVELOPMENT Initiated at Harborview Medical Centre:

1. Prophylaxis for Venous Thromboembolism in Orthopedic Trauma Patients.
With Daphne Beingessner, MD (Orthopedic Surgery) and Anneliese Schleyer, MD (Internal Med)
2. Protocol for Triage and Management of Soft Tissue Infection and Osteomyelitis.
With Heather Evans, MD (General Surgery)
3. Protocol for Pelvic and Acetabular Service
4. Protocol for Management of Patients with Urological Injury Associated with Pelvic Fracture
With Grant O'keefe, MD (General Surgery) and Bryan Voelzke, MD (Urological Surgery)

HUMANITARIAN WORK

September 2013

Haitian Medical Mission, Hopital Ste. Therese, Mirogaine
Haiti Help Med, Inc.

September 2012

Haitian Medical Mission, Hopital Ste. Therese, Mirogaine
Haiti Help Med, Inc.

September 2011

Haitian Medical Mission, Hopital Ste. Therese, Mirogaine
Haiti Help Med, Inc.

June 2010

Haitian Earthquake Relief and Surgical Services Volunteer, Port au Prince

January 2010

Haitian Earthquake Relief and Surgical Services Volunteer, Port au Prince

August 2008

OTA /Red Cross Volunteer and Visiting Scholar Program, Landstuhl, Germ