

# Curriculum Vitae and Bibliography

## Bassem T Elhassan, MD

### Personal Information

Place of Birth: Tripoli, Lebanon  
Work Address: Mayo Clinic Rochester  
200 First St SW  
Rochester, MN 55905-0001  
507-284-2511  
Email Address: Elhassan.Bassem@mayo.edu

### Present Academic Rank and Position

**Consultant** - Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota 07/2010 - Present  
**Consultant** - Division of Hand Surgery, Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota 07/2010 - Present  
**Master's Faculty Privileges in Orthopedics** - Mayo Graduate School, Mayo Clinic College of Medicine 04/2015 - Present  
**Teaching/Examining Privileges** - Mayo Graduate School, Mayo Clinic College of Medicine 05/2015 - Present  
**Professor of Orthopedics** - Mayo Clinic College of Medicine 08/2016 - Present

### Education

American University of Beirut - BS, Chemistry 1988 - 1992  
American University of Beirut - MD 1992 - 1996  
American University of Beirut - Resident, Three years of General Surgery, One year of Orthopedics 1996 - 2000  
University of Illinois at Chicago - Resident, Orthopedics 2000 - 2005  
Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine - Fellow, Hand and Upper Extremity 2005 - 2006  
Harvard Medical School - Fellow, Shoulder and Elbow 2006 - 2007

### Certification

#### Board Certifications

##### American Board of Orthopaedic Surgery (ABOS)

Diplomate  
Part I 2009 - Present  
Part II 2010 - Present

**Educational Commission for Foreign Medical Graduates (ECFMG)**

ECFMG

**Mayo Clinic Quality Academy**

Mayo Clinic Quality Fellow: Bronze Level Certification 2010

**Licensure**

Minnesota (Medical)

Lebanon H874 (Medical)

**Honors and Awards**

**Dean's Honor List** - American University of Beirut 01/1989

**Ranked One** - American University of Beirut 1993

**Rank One** - American University of Beirut 1994

**Rank One** - American University of Beirut 1995

**Rank One** - American University of Beirut 1996

**Senior Alpha-Omega-Alpha Award** - Alpha Omega Alpha Honor Medical Society 05/2000

**Robert Ray Award for Research** - University of Illinois at Chicago 06/2005

**Teacher of the Year** - Mayo Hand Fellows 2009

**Teacher of the Year** - Mayo Hand Fellows 2010

**Best Hand Paper** - ASSH 10/2010

**Best Hand Paper: Shoulder Reconstruction in Obstetric Brachial Plexus Injury** - American Society for Surgery of the Hand, ` 2011

**Young Investigators Initiative (YII) Program by the American Academy of Orthopedic Surgeons (AAOS)** - The U.S. Bone and Joint Decade 2011

**Compassionate Doctor Award-5 Years Honoree** - Vitals.com 2012

**Patients' Choice 5th Anniversary Award** - Vitals.com 2012

**Best Paper Award "FDS opponensplasty through Guyon Canal** - American Society for Surgery of the Hand 2014  
Eric Wagner, Allen Bishop, Bassem Elhassan

**Best Poster Award "PRC and 4CF in patients under 45 years of age** - Mid-America Orthopaedic Association 2014  
Eric Wagner, Bassem Elhassan, Steven Moran

**Top 10 Doctors in State of Minnesota** - Vitals.com 2014

**ASES Traveling Fellowship** - American Shoulder and Elbow Surgeons 2015  
This fellowship is given to two shoulder surgeons from US one every two years

**Best Poster "Modified CMC Suspension Arthroplasty** - European Society for Surgery of the Hand 2015  
JD Werthel, Bassem Elhassan

**Nominated for best paper award "BMI as a continuous variable to shoulder arthroplasty** - European Shoulder and Elbow Society 2015  
Eric Wagner, Robert Cofield, John Sperling, Bassem Elhassan

**Nomination for best overall paper "PRC and 4CF in patients under 45 years of age"** - Mid-America Orthopaedic Association 2015  
Eric Wagner, Bassem Elhassan, Steven Moran

**Top 20 Shoulder Surgeons in North America** - Orthopedics Today 2015

### Previous Professional Positions and Major Appointments

**Senior Associate Consultant** - Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota 08/2007 - 07/2010

**Senior Associate Consultant** - Division of Hand Surgery, Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota 08/2007 - 07/2010

**Assistant Professor of Orthopedics** - Mayo Clinic College of Medicine 03/2008 - 07/2011

**Associate Professor of Orthopedics** - Mayo Clinic College of Medicine 08/2011 - 07/2016

**Teaching/Examining Privileges of Orthopedics** - Mayo Graduate School, Mayo Clinic College of Medicine 02/2014 - 04/2015

### Professional and Community Memberships, Societies, and Services

#### Professional Memberships and Services

American Academy of Orthopaedic Surgeons  
Active Member 02/2011 - Present

American Association for Hand Surgery  
Active Member 2012 - Present

American Association for Hand Surgery Abstract Review Committee for the annual meeting  
Committee Member 2012 - Present

American Shoulder and Elbow Society  
Active Member 2013 - Present

American Shoulder and Elbow Society, Membership Selection Committee  
Committee Member 2013 - Present

American Shoulder and Elbow Surgeons  
Program Committee  
2016 Meeting Program Committee Member 04/2016 - Present

American Society for Surgery of the Hand  
Member 2014 - Present

American Society for Surgery of the Hand, Annual Meeting Review Committee, Reviewer for the Annual Abstract Submission  
Abstract Selection Reviewer 2014 - Present

La Societe Francaise de Chirurgie de la Main  
Member 2014 - Present

Lebanese Order of Physicians  
Member 1996 - Present

Lebanese Orthopedic Society  
Member 2005 - Present

Minnesota Medical Association  
Active Member 2010 - Present

## Journal Responsibilities

### Journal Editorial Responsibilities

Annals of Lebanese Orthopedic Implants Editorial Board Member	2015 - Present
Clinics in Oncology Editorial Board Member	2016 - Present
Journal of American Academy of Orthopedic Surgeons Editorial Board Member	2014 - Present
Lebanese Journal of Orthopedics Editorial Board Chair	2013 - Present
Physiotherapy Case Reports Editorial Board Member	2016 - Present
Plastic Surgery Editorial Board Member	2016 - Present

### Journal Other Responsibilities

Clinical Anatomy Reviewer	2012 - Present
Clinical Orthopaedics and Related Research Reviewer	2013 - Present
Journal of Academy of Orthopaedic Surgeons Reviewer	2013 - Present
Journal of Bone and Joint Surgery (Am) Reviewer	2013 - Present
Journal of Hand Surgery Reviewer	2013 - Present
Journal of Hand Surgery (Am) Reviewer	2013 - Present
Journal of Hand Surgery (Am) Reviewer	2013 - Present
Journal of Shoulder and Elbow Surgery Reviewer	2012 - Present

## Educational Activities

### Curriculum and Course Development

Director of the Core Curriculum, Hand Fellows Education, Division of Hand Surgery, Department of Orthopedics Mayo Clinic	2010 - Present
Director of the Core Curriculum of Orthopedic Education, Department of Orthopedics Lebanese Medical University	2013 - Present
Director of the Core Curriculum for the residents' OITE Review Department of Orthopedics, Mayo Clinic	2016 - Present

**Teaching Intramural**

2012 Master Skills Series: Tendon Repair and Reconstruction  
Shoulder Lab

2012 Master Skills Series: Tendon Repair and Reconstruction  
Shoulder Lab

Knee and Shoulder Arthroscopy Faculty 01/2002  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Elbow Arthroscopy Faculty 12/2002  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Foot and Ankle Fracture Faculty 03/2003  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Wrist Arthroscopy Faculty 04/2003  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Pelvis and Acetabulum Fracture Management Faculty 05/2003  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Shoulder Course: Arthroscopic and Open Techniques Faculty 09/2003  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Foot and Ankle Fracture Management Faculty 01/2004  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Pelvis Trauma Faculty 03/2005  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Shoulder, Elbow and Wrist Arthroscopy Faculty 10/2005  
Assisted in the preparation of the lab and during the hand-on part of the lab.  
American Academy of Orthopedic Surgery courses.  
Rosemont, Illinois

Tendon Transfer in Paralytic Shoulder 08/2008  
Grand Rounds

Shoulder Reconstruction in Adult and Obstetric Brachial Plexus Palsy Grand Rounds	01/2010
Bridge Plate Mayo CME Disorders of the Wrist Course	05/2010
Missed and Concomitant SL Mayo CME Disorders of the Wrist Course	05/2010
Overview and Case Presentation (Moderator: Session VI: LT Injury) Mayo CME Disorders of the Wrist Course	05/2010
Case Discussion (Moderator: Session VI: LT Injury) Mayo CME Disorders of the Wrist Course	05/2010
Pediatric Wrist (Moran SL, Elhassan BT) Mayo CME Disorders of the Wrist Course	05/2010
Weilby Suspension Arthroplasty Grand Rounds - Treatment of Thumb CMC Arthritis	08/2011
2012 Master Skills Series: Tendon Repair and Reconstruction Elbow Flexion Lab	08/2012 - 08/2012
2012 Master Skills Series: Tendon Repair and Reconstruction Shoulder Lab	08/2012 - 08/2012
Update on Shoulder Reconstruction in Patients with Brachial Plexus Injury Mayo Clinic Orthopedic Nursing Conference	10/2012
Update on Shoulder Reconstruction in Patients with Brachial Plexus Injury 2012 Orthopedic Nursing Conference - Patients in Motion	10/2012
Surgical Management of Scapulothoracic Disorders Grand Rounds	09/2013 - Present
Faculty Shoulder & Elbow Conference	01/2016
Faculty Shoulder & Elbow Conference	01/2016
Faculty Shoulder & Elbow Conference	06/2016
Faculty Shoulder & Elbow Conference	07/2016
Faculty Shoulder & Elbow Conference	10/2016

**Mentorship**

Wagner, Eric (Visiting Scholar) 08/2007 - Present

**Description:**

**Current Status:** 5h Year Resident Orthopedic Surgery, Mayo Clinic Rochester, MN

**Outcome:** Outcome: 51 presentations/posters, 10 publications, and 10 additional papers in press. Had best poster, best paper, nomination for best overall papers and best poster. Matched for hand fellowship at Mayo and shoulder fellowship at Harvard. I mentored Eric since he was medical student. He worked with me extensively on my tendon transfer work around the shoulder and upper extremity.

Bartelt, Robert (Resident) 09/2007 - 11/2007

**Description:** Professional interests in Joint replacement, sports medicine and trauma.

**Current Status:** Consultant Cedar Valley Medical Specialists, P.C. in Waterloo IA since 2011

**Outcome:** 1 Presentation

Kovachevich, Rudy (Resident) 11/2007 - 12/2007

**Description:** Completed Hand Surgery Fellowship Indiana Hand to Shoulder Center/Indiana University 2011-2012

**Current Status:** Consultant Hand Surgery Associates in Englewood, CO since 2012

**Outcome:** 2 presentations, 1 publication.

Strasser, Nick (Resident) 12/2007 - 03/2008

**Description:** Specialized in Surgical and Nonsurgical Hip, Knee, Foot & Ankle since 2012 after completion of his Fellowship at OrthoCarolina Foot and Ankle Institute. Charlotte NC 2011-2012

**Current Status:** Consultant Slocum Center for Orthopedics & Sports Medicine in Eugene, OR

**Outcome:** 1 Presentation, 1 Publication

Elton, Suzanne (Fellow) 06/2008 - 08/2008

**Description:** Dr. Elton has a special interest in Endoscopic (minimally invasive) carpal tunnel surgery, the treatment of hand and wrist arthritis and tennis elbow treatment.

**Current Status:** Consultant Kansas City Bone & Joint Clinic, Kansas City, KS

**Outcome:** 2 Presentations

Nanos, George (Fellow) 08/2008 - 10/2008

**Description:**

**Current Status:** Consultant Walter Reed Medical Center, Washington DC

**Outcome:** 1 Presentation, 1 Publication in press

Anane-Sefah, Jason (Fellow) 10/2008 - 12/2008

**Description:** He specializes in hand surgery and is one of the few local physicians skilled in arthroscopic wrist surgery. In addition, he performs microsurgery and replantation of the digits, wrist and forearm. He is also experienced in complex wrist surgeries, reconstruction and fixation procedures.

**Current Status:** Consultant Great Plains Orthopaedics, Peoria, IL

**Outcome:** 2 Presentations

Matullo, Kristofer (Fellow) 12/2008 - 03/2009

**Description:** His specialties are Hand Surgery, Orthopaedic Surgery, and Pediatric Orthopaedic Surgery.

**Current Status:** Consultant St. Luke's Orthopaedic Specialists in Bethlehem, PA

**Outcome:** 1 presentation, 1 publication

Kakar, Sanjeev (Fellow) 01/2009 - 01/2010

**Description:** Interests Management of sports injuries to the elbow, wrist and hand, Wrist arthroscopy. Upper extremity tumors and malignancies, Joint replacements (hand, wrist and elbow), Wrist and scapholunate instability, Distal radioulnar joint arthritis and instability, Wrist, carpal and hand fractures. Wrist and hand arthritis and arthroplasty, Dupuytren's disease, Arthroscopy and TFCC injury, Compression neuropathies, Vascularized bone grafts for nonunions.

**Current Status:** Professor of Orthopedics Mayo Clinic Rochester, MN

**Outcome:** 2 publications, 4 presentations, and 3 publications in press. I mentored Sanj when he was a fellow and when he started his work at Mayo. I helped him to understand in depth how to analyze the more complex problems in hand and guided him in decision making and surgical technique in multiple surgical cases to gain the experience and expertise in surgical reconstruction of the hand.

Ackerman, Duncan (Fellow) 05/2009 - 07/2009

**Description:** Dr. Ackerman specializes in treatment of common and complex problems of the upper extremity including carpal tunnel syndrome, peripheral nerve injury, arthritis of the small joints of the hand and wrist, elbow and shoulder problems, and upper extremity trauma.

**Current Status:** Consultant Bone and Joint Center, Bismarck, ND

**Outcome:** 3 presentations. Since his graduation in 2009, I kept on guiding Duncan in his practice and I am still doing it up until now.

Clark, Tod (Fellow) 10/2009 - 12/2009

**Description:** Dr. Clark specializes in hand and upper extremity including brachial plexus reconstruction.

**Current Status:** Assistant Professor Orthopaedic Surgery University of Manitoba Winnipeg, Canada

**Outcome:** As a fellow he spent half of his fellowship working with me to gain experience in complex shoulder reconstruction. Since his graduation in 2009, I kept on guiding Todd in his practice and still doing it up until now.

Pritsch, Tamir (Fellow) 03/2010 - 05/2010

**Description:** Dr Pritsch specializes in complex reconstruction of the upper extremity including micro vascular reconstruction.

**Current Status:** Assistant Professor Orthopaedic Surgery Tel Aviv, Israel

**Outcome:** 2 presentations, 1 publication in press. Since his graduation in 2009 I kept on guiding Tamir in his practice and still doing it up until now. He is very interested in tendon transfer that I keep sending him my techniques and guiding him through surgical steps

Gray, R (Fellow) 07/2010 - 09/2010

**Description:** Dr Gray specializes in hand and upper extremity including brachial plexus reconstruction

**Current Status:** Assistant Professor Hand and Microvascular Surgery University of Miami, FL

**Outcome:** 1 presentation, 2 papers in press



Kalisvaart, Michael (Resident) 10/2010 - 12/2010

**Description:** Completed a fellowship in Orthopaedic Sports Medicine at Stanford University in Stanford, California. specializes in orthopaedic sports medicine as well as arthroscopy of the hip, knee, elbow, and shoulder.

**Current Status:** Reno Orthopaedic Clinic, Reno, NV

**Outcome:** 1 anatomic study in press, 2 presentations

Morrey, Mark (Resident) 01/2011 - 04/2011

**Description:** Dr. Morrey specializes in complex reconstruction of the upper extremity. In addition he has special expertise in large joint replacements.

**Current Status:** Assistant Professor of Orthopedics, Mayo Clinic College of Medicine, Rochester MN

**Outcome:** 4 presentations, 3 ongoing anatomic and biomechanical study. I have mentored Mark since he was a fellow and now I am his main mentor in analyzing and managing complex shoulder reconstruction surgery. He is learning my tendon transfer technique and trying to adopt it to make it major part of his practice.

Carofino, Bradley (Fellow) 04/2011 - 05/2011

**Description:** After completing his Hand Surgery Fellowship at Mayo Clinic, he went on to complete a Shoulder & Elbow surgery fellowship at the University of Washington in Seattle.

**Current Status:** Atlantic Orthopaedic Specialists in Norfolk, VA

**Outcome:** 3 presentations, 2 publications

Houdek, Matt (Resident) 07/2011 - Present

**Description:**

**Current Status:** 5th Year Orthopedic resident at the Mayo Clinic, Rochester MN

**Outcome:**

Becker, Hilary (Resident) 07/2011 - 09/2011

**Description:** She specializes in Hand Surgery and Orthopedic Surgery. Areas of expertise include acute injuries and conditions of the hand and wrist, arthritis, carpal tunnel, Dupuytren's disease, fractures, ganglion cysts, lacerations, trigger finger.

**Current Status:** Consultant Sanford Health in Sioux Falls, SD

**Outcome:** 2 presentations

Hartzler, Robert (Resident) 07/2011 - 09/2011

**Description:** He completed two separate fellowships (in shoulder and elbow reconstructive surgery at Florida Orthopaedic Institute, and then a shoulder arthroscopy Fellowship at The San Antonio Orthopaedic Group

**Current Status:** Orthopaedic Surgeon, Shoulder and Elbow Specialist at The San Antonio Orthopaedic Group

**Outcome:** 5 presentations, 2 publications. Robert helped me as a resident to create a state of art shoulder model that is nominated to be one of the best biomechanical shoulder models that have been created up to date. With the use of this validated model we were able to evaluate all our innovative tendon transfers that we have been performing. The data that we obtained from these studies have not been published before and we were able to use these biomechanical studies and clinical studies related to them to change the ways complex shoulder disorders have been managed over the past several decades. Surgeons around the globe now adopting our approach and technique in the management of very complex shoulder problems including adult and obstetric brachial plexus injuries.

Winder, R (Resident) 10/2011 - 12/2011

**Description:** Dr. Winder specializes in sports medicine and arthroscopy with a focused interest in the minimally invasive treatment of hips, shoulders, knees, and elbows.

**Current Status:** Works at the Desert Orthopedic Center

**Outcome:** 1 presentation, and two web shoulder exam videos

Swann, Russell (Resident) 12/2011 - 03/2012

**Description:** Dr. Swann specializes in hip preservation and adult reconstruction

**Current Status:** Consultant University Orthopaedic Center to Salt Lake City, UT

**Outcome:** 3 presentations. Presley spent several months on my service as a junior and then as senior residents. I was his main mentor as an Orthopedic resident and he still calls to request guidance in his practice up until now.

Fox, Tyler (Fellow) 03/2012 - 06/2012

**Description:** Dr. Fox specializes in shoulder and upper extremity surgery

**Current Status:** Assistant Professor, Orthopedic Surgery, University of Kansas Medical Center, in Kansas City, KS

**Outcome:** 5 presentations. I did mentor Tyler when he was a resident and then hand fellow at Mayo. Then I continued guiding him during his shoulder fellowship at Harvard and then since his started his practice at the University of Kansas.

Christensen, Thomas (Fellow) 07/2012 - 09/2012

**Description:** Following his fellowship at the Mayo Clinic, he completed a fellowship in Open and Arthroscopic Shoulder Surgery with Dr. Laurent Lafosse at the Alps Surgery Institute in Annecy, France. He specializes in shoulder, elbow and hand disorders, injuries, reconstruction, and microvascular surgery.

**Current Status:** Consultant at Reno Orthopaedic Clinic in Reno, NV

**Outcome:** 3 presentations, 2 anatomic studies and 2 publications in press. I did mentor Tom when he was a resident and then hand fellow at Mayo. Then I continued guiding him during his shoulder fellowship in Europe and then since his started is practice at Reno Orthopedics in Reno.

Barlow, John (Resident) 09/2012 - 12/2012

**Description:** After completing his residency from Mayo Clinic he did an additional year of fellowship training in Shoulder and Elbow Surgery at the top training program, the Rothman Institute in Philadelphia, PA. Dr. Barlow's clinical interests include shoulder related problems including shoulder arthritis, shoulder fractures (collarbone, upper arm), rotator cuff tears, sports-related shoulder injuries, shoulder dislocations and labral tears. He also specializes in elbow arthritis and fractures, as well as sports-related elbow repairs, including Tommy John surgery.

**Current Status:** Consultant the Ohio State University Wexner Medical Center, Hand and Upper Extremity Center

**Outcome:** 1 presentation and 1 publication.

Giuseffi, Steven (Resident) 12/2012 - 03/2013

**Description:** He completed a fellowship in Sports medicine and arthroscopy at Mississippi Sports Medicine and Orthopaedic Center in Jackson, Mississippi, and Tulane University in New Orleans, Louisiana.

**Current Status:** Consultant in Sports Medicine, Joint Replacement, Knee, & Shoulder at Black Hills Orthopedic & Spine Center, specializing in Sports Medicine and Arthroscopic Surgery.

**Outcome:** 3 presentations

<p>Rhee, Peter (Fellow)  <b>Description:</b> Dr. Rhee specializes in complex reconstruction of the upper extremity including microvascular reconstruction  <b>Current Status:</b> Hand and Microvascular Surgeon, Director of Microvascular Surgery Training, Director of Emergency Microvascular Surgery Services (Fort Sam Houston TX and Asst. Prof. of Orthopedic Surgery (Bethesda MD)  <b>Outcome:</b> 2 presentations.</p>	03/2013 - 06/2013
<p>Jones, David (Fellow)  <b>Description:</b> His specialties include congenital hand reconstruction, hand, wrist, and elbow joint surgery including arthroscopic and joint replacement procedures, microvascular and reconstructive surgery and tissue transfer, upper extremity peripheral nerve surgery addressing traumatic and compressive nerve injuries, upper extremity trauma including fractures, tendon lacerations, and amputations.  <b>Current Status:</b> Consultant, Orthopedic Institute, Sioux Falls SD  <b>Outcome:</b> 2 Presentations</p>	06/2013 - Present
<p>Brogan, David (Resident)  <b>Description:</b> Dr. Brogan specializes in hand and microvascular reconstruction  <b>Current Status:</b> Hand surgeon at University of Missouri Health System; Assistant Professor of Orthopedics, Mayo Clinic College of Medicine, Rochester MN  <b>Outcome:</b> 4 presentations, 3 ongoing anatomic and biomechanical studies. I have mentored Mark since he was a fellow and now I am his main mentor in analyzing and managing complex shoulder reconstruction surgery. He is learning my tendon transfer technique and trying to adopt it to make it a major part of his practice.</p>	07/2013 - 09/2013
<p>Statz, Joseph (Resident)  <b>Description:</b>  <b>Current Status:</b> 2nd year Ortho Resident, Mayo Clinic, Rochester MN  <b>Outcome:</b> 2 publications in press</p>	09/2013
<p>Bravo, Dalibel (Mayo Medical Student)  <b>Description:</b>  <b>Current Status:</b> Orthopedic Resident, NYU School of Medicine, New York  <b>Outcome:</b> 3 Presentations, 1 Poster, 1 Publication</p>	09/2014 - Present
<p>Schoch, Bradley (Orthopedic Resident)  <b>Description:</b>  <b>Current Status:</b> Shoulder and Upper Extremity Fellowship at Rothman Institute  <b>Outcome:</b> 5 presentations, 2 publications, 4 publications in press, 1 poster</p>	09/2014 - Present
<p>Klika, B (Fellow)  <b>Description:</b> Dr. Klika specializes in Hand and Upper Extremity Surgery  <b>Current Status:</b> Upper extremity surgeon at Orthopedics and BayCare Clinic, Greenbay WI  <b>Outcome:</b> 3 Presentations</p>	09/2014 - 12/2014
<p>Werthel, Jean-David (Research Fellow)  <b>Description:</b>  <b>Current Status:</b>  <b>Outcome:</b></p>	11/2015 - Present

Crowe, Matthew (Orthopedic Resident)

02/2016 - Present

**Description:****Current Status:** Orthopedic Resident**Outcome:****Institutional/Departmental Administrative Responsibilities, Committee Memberships, and Other Activities****Mayo Clinic**

Department of Orthopedic Surgery, Hand Division, Education Committee

Committee Chair

2016 - Present

**Mayo Clinic in Rochester**

Department of Orthopedic Surgery

Education Research Committee

Member

2010 - Present

Orthopedic Research Committee

Member

2010 - Present

**Presentations Extramural****National or International****Invited**

Surgical Management of Soft Tissue and Bony Deficiencies Around the Shoulder

02/2014

2nd International Course on Shoulder Surgery

Brazil

Tendon Transfer Options to Manage Scapula Winging and Brachial Plexus Injury

03/2014

2014 Brachial Plexus meeting

Madrid, Spain

Tendon Transfer Options Around the Shoulder

04/2014

Italian Shoulder Society

Florence, Italy

Management of Adult and Obstetric Brachial Plexus Injury

12/2014

Brazilian Shoulder Society

Brazil

Management of Elbow Disorder, From Open to Arthroscopic

01/2015

Mexican Shoulder Society

Mexico

Restoration of Shoulder Function in Complex Deficiencies

04/2015

North Dakota Shoulder Society

Bismarck, North Dakota

Surgical Technique and Outcome of Lower Trapezius Transfer to Restore Shoulder External Rotation 04/2015

Gilbert International Brachial Plexus meeting (was invited as visiting professor to represent USA in this international meeting)

Bony and Soft Tissue Reconstruction of the Shoulder 11/2015  
Mexican Shoulder Society

Reconstruction options for adult and obstetric brachial plexus injury 11/06/2015  
Mexican Shoulder Meeting

Tendon transfer options for Massive Rotator Cuff Tear 11/12/2015  
Arthroscopy Association of North America  
Dallas, Texas

Instability 12/2015 - 01/2016  
Beirut Shoulder Lab

Tendon Transfer for Complex Shoulder Problems 12/2015 - 01/2016  
Beirut Shoulder Lab  
Beirut, Lebanon

Shoulder exam 12/31/2015 - 01/03/2016  
Beirut Shoulder Lab

### Oral

Experimental Investigation of Finger Flexion and FDP Excursion Before and After MCP Arthroplasty 01/2005  
Abstract  
Annual Meeting of the American Society for Surgery of the Hand

Bankart vs ALPSA repair: Does labral pathology affect outcome? 03/2008  
American Shoulder and Elbow Society  
San Francisco, California

Glenoid resurfacing arthroplasty in young patients with glenohumeral arthritis. 03/2008  
75th Annual 2008 American Academy of Orthopaedic Surgeons  
San Francisco, California

Glenoid resurfacing arthroplasty in young patients with glenohumeral arthritis. 03/2008  
American Shoulder and Elbow Society  
San Francisco, California

Late Reconstruction Options for the Shoulder 09/2008  
American Society for Surgery of the Hand Brachial Plexus Pre-Course  
Chicago, Illinois

Adult Brachial Plexus Injury (Chairman, Hand and Wrist Trauma) Hands Across Africa Hoedspruit, South Africa	04/2010
Management Options for Patients with Raynaud's Disease Pan Arabic-Jordanian Congress Amman, Jordan	04/2010
Scaphoid Fractures and Nonunions (Fractures and Dislocation) Middle East Medical Assembly -- American University of Beirut Beirut, Lebanon	04/2010
Scapholunate Ligament Injuries (Fractures and Dislocation) Middle East Medical Assembly -- American University of Beirut Beirut, Lebanon	04/2010
Surgical Reconstruction Options of the Hand, Elbow and Shoulder in Patients with Rheumatoid Disease Pan Arabic-Jordanian Congress Amman, Jordan	04/2010
Tendon transfer for shoulder in BP Injuries (Complex Injuries in Hand Surgery: Peripheral Nervous System) Middle East Medical Assembly -- American University of Beirut Beirut, Lebanon	04/2010
Vascularized Bone Grafting in Treating Kienbock's Disease and Scaphoid Non- union Hands Across Africa Hoedspruit, South Africa	04/2010
New advances in shoulder reconstruction options in adults and pediatric patients with brachial plexus injuries Inaugural Shoulder and Elbow Conference Corfu, Greece	06/2010
Biomechanical Effectiveness of Different Types of Tendon Transfers to the Shoulder for External Rotation International Congress on Shoulder and Elbow Surgery Edinburgh, United Kingdom	09/2010
Shoulder Reconstruction Options in Patients with Brachial Plexus Injury International Congress on Shoulder and Elbow Surgery Edinburgh, United Kingdom	09/2010
Advances in Brachial Plexus Injuries: Nerve, muscle and tendon transfer (Symposium 07) (Elhassan B, Mackinnon SE, Bishop AT) (Moderator: RJ Spinner) 65th ASSH Annual Meeting	10/2010

Boston, Massachusetts

Advances in Peripheral Nerve Injuries, Transfer, Tubes and Grafts 10/2010  
65th ASSH Annual Meeting  
Boston, Massachusetts

Shoulder Reconstruction Options in Patients with Brachial Plexus Injury 10/2010  
(Best Paper session: Elhassan BT, Bishop AT, Spinner RJ, Shin AY)  
65th ASSH Annual Meeting  
Boston, Massachusetts

Early Versus Late Motion Following Volar Plating of Distal Radius Fractures 01/2011  
(Dennison D, Blanchard CL, Elhassan BT)  
AAHS/ASP/ASRM Joint Outstanding Papers  
Cancun, Mexico

Radial Nerve Lacerations Associated with Humeral Fractures (Concurrent Scientific 01/2011  
Paper Session B2)  
(Elhassan B, Pritsch T)  
AAHS Annual Meeting  
Cancun, Mexico

Radial Nerve Palsy Associated with Humeral Fracture 01/2011  
AAHS Annual Meeting  
Cancun, Mexico

Early Versus Late Motion Following Volar Plating of Distal Radius Fractures 02/2011  
(Podium paper #334)  
(Dennison DG, Blanchard C, Elhassan BT, Shin AYS, Herrick RT, Leversedge FJ)  
AAOS 2011 Annual Meeting  
San Diego, California

Radial Nerve Palsy Associated with Humeral Fracture 02/2011  
AAOS Annual Meeting  
San Diego, California

Shoulder Reconstruction Options in Patients with Brachial Plexus Injury 02/2011  
Brussels Hand Symposium  
Brussels, Belgium

Shoulder Reconstruction Options in Patients with Brachial Plexus Injury 02/2011  
Hand and Upper Limb Meeting  
Brussels, Belgium

Glenoid Reconstruction, lower trapezius transfer and tendon transfer in older 05/2011  
children with obstetric brachial plexus palsy  
XVII International Symposium on Brachial Plexus Surgery  
Lisbon, Portugal

Shoulder Reconstruction Options in Patients with Brachial Plexus Injury 05/2011

XVII International Symposium on Brachial Plexus Surgery Lisbon, Portugal	
Shoulder Reconstruction in Adult Patients with Brachial Plexus Palsy 2011 Annual Conference for the Society for Progress & Innovation for the Near East (S.P.I.N.E.) Beirut, Lebanon	06/2011
Shoulder Reconstruction in OBPP 2011 Annual Conference for the Society for Progress & Innovation for the Near East (S.P.I.N.E.) Beirut, Lebanon	06/2011
Glenoid Reconstruction, Lower Trapezius Transfer and other Tendon Transfers in Older Children with Obstetric Brachial Plexus Palsy (Paper 54) (Elhassan BT, Spinner RJ, Bishop AT, Shin AY, Shaughnessy W) ASSH Annual Meeting Las Vegas, Nevada	09/2011
Iatrogenic Nerve Injuries during Shoulder Surgery: A series of 27 cases (Paper 6) (Carofino BC, Brogan DM, Elhassan BT, Bishop AT, Spinner RJ, Shin AJ) ASSH Annual Meeting Las Vegas, Nevada	09/2011
Feasibility of Contralateral Trapezius Transfer to Restore Shoulder External Rotation: Part I (Wagner E, Elhassan BT) 2012 AAHS Annual Meeting Las Vegas, Nevada	01/2012
Salvage Procedures for the Shoulder Following Brachial Plexus Injury 2012 AAOS Annual Meeting (Specialty Day-POSNA) San Francisco, California	02/2012
Evaluation and Management of Glenoid and Humeral Bone Loss, and the Ficed Stabilization Society for Progress and Innovation in the Near East 2013 Annual Meeting Beirut, Lebanon	06/2012
Evaluation and Management of the First Time Traumatic Shoulder Dislocation Society for Progress and Innovation in the Near East 2013 Annual Meeting Beirut, Lebanon	06/2012
Fractures of the Scapula and Clavicle Society for Progress and Innovation in the Near East 2013 Annual Meeting Beirut, Lebanon	06/2012
Proximal Humerus Fractures--Treatment options Society for Progress and Innovation in the Near East 2013 Annual Meeting Beirut, Lebanon	06/2012



Treatment of the Large or Irreparable Rotator Cuff Tear Society for Progress and Innovation in the Near East 2013 Annual Meeting Beirut, Lebanon	06/2012
Advances in Management of Shoulder Dysfunction in Patients with Obstetric Brachial Plexus Injury (ICL 19) (Chair) 2012 ASSH Annual Meeting Chicago, Illinois	09/2012
Scapholunate Instability, Advanced Reconstructive Techniques (ICL 9) (Faculty) 2012 ASSH Annual Meeting Chicago, Illinois	09/2012
Shoulder Instability (ICR05) (Elhassan BT, Papandrea RF) Interactive Case Reviews New Orleans, Louisiana	09/2012
IC09: Scapholunate instability, advanced reconstructive techniques (Faculty: Elhassan BT, Hayton MJ, Ross M) 2012 ASSH Annual Meeting Chicago, Illinois	09/06/2012
IC19: Advances in Management of Shoulder Dysfunction (Faculty: Bae DS, Ezaki M, Waters PM, Kozin SH) 2012 ASSH Annual Meeting Chicago, Illinois	09/07/2012
Interactive Case Reviews: ICR06-Shoulder Instability 2012 ASSH Annual Meeting Chicago, Illinois	09/08/2012
Natural Course of Brachial Plexus Injuries and Alteration of this Course Through Tendon Transfers (Wagner E, Elhassan BT) 2013 AAHS Annual Meeting Naples, Florida	01/09/2013
Tendon Transfers around the Shoulder -- Who is the ideal candidate for a lateral transfer? New England Shoulder and Elbow Society 2013 Annual Meeting Jay Peak, Vermont	02/09/2013
Outcome of the Modified Eden-Lange Tendon Transfer for Management of Symptomatic Trapezius Paralysis (Poster: Wagner ER, Elhassan BT) AAOS 2013 Annual Meeting	03/2013

Chicago, Illinois

Contralateral Trapezius Transfer in Patients with Brachial Plexus Injuries to Restore Shoulder Function 04/18/2013

(Wagner ER, Elhassan BT)

Mid-America Orthopaedic Association 31st Annual Meeting

Amelia Island, Florida

Long-term outcomes of modified Eden-Lange tendon transfer for symptomatic trapezius paralysis from spinal accessory nerve injury 04/18/2013

(Wagner ER, Elhassan BT)

Mid-America Orthopaedic Association 31st Annual Meeting

Amelia Island, Florida

Anatomy Shoulder 04/20/2013

Latin American Congress of Brachial Plexus Surgery and Rehabilitation

Guadalajara, Mexico

Autograft glenoid reconstruction combined with tendon transfers for older patients with obstetric brachial plexus injuries 04/20/2013

(Wagner ER, Elhassan BT)

Mid-America Orthopaedic Association 31st Annual Meeting

Amelia Island, Florida

Enhanced bone to bone healing via pectoralis major transfer with its bony insertion to stabilize symptomatic scapular winging 04/20/2013

(Wagner ER, Elhassan BT)

Mid-America Orthopaedic Association 31st Annual Meeting

Amelia Island, Florida

Shoulder Function and Evaluation 04/20/2013

Latin American Congress of Brachial Plexus Surgery and Rehabilitation

Guadalajara, Mexico

Palliative late surgery after ss and/or ax palsy "Transfer of the Mid and Lower Trapezius Muscle onto the Shoulder: Techniques and Series 05/24/2013

The Narakas 2013 Symposium

Montreux, Switzerland

Palliative surgery of the scapulothoracic joint 05/24/2013

The Narakas 2013 Symposium

Montreux, Switzerland

Symposium--Revision Rotator Cuff: Tendon Transfer 07/12/2013

AOSSM 2013 Annual Meeting

Chicago, Illinois

Contralateral Trapezius Transfer in Patients with Brachial Plexus Injuries to Restore Shoulder Function 10/02/2013

(Wagner E, Elhassan BT)

2013 ASSH Annual Meeting San Francisco, California	
Enhanced bone to bone healing via pectoralis major transfer with its bony insertion to stabilize symptomatic scapular winging (Wagner E, Elhassan BT) 2013 ASSH Annual Meeting San Francisco, California	10/02/2013
Symposium: Pediatric Brachial Plexus Injury (Moderator) 2013 ASSH Annual Meeting San Francisco, California	10/05/2013
Pediatric Brachial Plexus: Management the Shoulder (Instructional Course Chair: Elhassan BT)(Instructors: Kozin SH, Duff SV, de Pawlikowski W, Clarke HM) 2014 AAHS Annual Meeting Naples, Florida	01/09/2014
Biomechanical analysis of tendon transfers around the shoulder (potential excursion and positioning of tendon transfer) Tendon Transfer Around the Shoulder: Adult and Child REFIFE, Brazil	02/14/2014
Clinical cases: Tendon transfer in degenerative cases (Elhassan B, Cesar N, Leite M, Lesch O, Montero M) Tendon Transfer Around the Shoulder: Adult and Child REFIFE, Brazil	02/14/2014
Brachial Plexus Lesion and Tendon Transfer Around the Shoulder: C5,C6 +/- C7 Lesion in Adult: Nerve and palliative surgery around the shoulder (Chairmen: Elhassan B, Ferreira R) Tendon Transfer Around the Shoulder: Adult and Child REFIFE, Brazil	02/15/2014
Brachial Plexus Lesion and Tendon Transfer Around the Shoulder: When and how to deal with a tendon transfer around the shoulder Tendon Transfer Around the Shoulder: Adult and Child REFIFE, Brazil	02/15/2014
Clinical Cases Debate: How to treat a palsy of the deltoid? Tendon transfer / Arthrodesis; How to treat a palsy of the trapezium? (Chairman: Elhassan B) Tendon Transfer Around the Shoulder: Adult and Child REFIFE, Brazil	02/15/2014
Bilateral total wrist arthrodesis improves long-term pain and function 2014 AAOS Annual Meeting New Orleans, Louisiana	03/12/2014

Early versus late motion following volar plating of distal radius 2014 AAOS Annual Meeting New Orleans, Louisiana	03/12/2014
Long-term outcomes after radiocarpal dislocation: A prospective review 2014 AAOS Annual Meeting New Orleans, Louisiana	03/12/2014
Proximal row carpectomy considerations for maximizing long-term outcomes: A longitudinal study of 144 2014 AAOS Annual Meeting New Orleans, Louisiana	03/12/2014
Outcomes of glenoid bone grafting in revision reverse total shoulder arthroplasty. (Wagner ER, Griffith TB, Houdek M, Cofield RH, Sanchez-Sotelo J, Sperling JW, Elhassan B) 2014 AAOS Annual Meeting New Orleans, Louisiana	03/13/2014
Pectoralis major transfer with its bony insertion stabilizes scapular winging via enhanced bone-bone healing 2014 AAOS Annual Meeting New Orleans, Louisiana	03/14/2014
Role of the trapezius muscle in shoulder reconstruction for BP (Author's technique and results) Brachial Plexus & Peripheral Nerve Surgery 2 Madrid, Spain	03/26/2014
Shoulder Reconstruction: Shoulder reconstruction in paralytic shoulder Brazil Hand Surgery Society Meeting Maceio, Brazil	03/28/2014
Obstetric Paralysis: Debate Brazil Hand Surgery Society Meeting Maceio, Brazil	03/29/2014
Obstetric Paralysis: Shoulder reconstruction in patients with obstetric brachial plexus injury Brazil Hand Surgery Society Meeting Maceio, Brazil	03/29/2014
Shoulder Reconstruction-Nerve Injuries: Scapula winging secondary to long thoracic or spinal accessory addresses shoulder reconstruction for these nerve injuries that hand surgeons deal with all the time Brazil Hand Surgery Society Meeting Maceio, Brazil	03/29/2014
Patient Evaluation Brachial Plexus Meeting	04/11/2014

Guadalajara, Mexico

Round Table Discussion: C5-C6 Brachial Plexus Injury -- How I Treat It  
 Brachial Plexus Meeting  
 Guadalajara, Mexico 04/11/2014

Round Table Discussion: Secuelas de hombre fisiopatologia  
 (With Dr. Jorge Clifton--Muscle Transfers)  
 Brachial Plexus Meeting  
 Guadalajara, Mexico 04/11/2014

Round Table Discussion: Total Palsy of the Brachial Plexus--How I Treat It  
 Brachial Plexus Meeting  
 Guadalajara, Mexico 04/11/2014

Anatomy and Physical Examination of the Shoulder  
 Brachial Plexus Meeting  
 Guadalajara, Mexico 04/12/2014

Shoulder Abduction, Rotation, Flexion and Principles -- Muscle Transfers  
 Brachial Plexus Meeting  
 Guadalajara, Mexico 04/12/2014

Outcome of Thumb Opponensplasty Using Flexor Digitorum Superficialis of Long or  
 Ring Finger had the highest score with an average of 7.0  
 Wagner ER, Bishop AT, Elhassan BT  
 Residents and Fellows Conference, ASSH  
 Boston, Massachusetts 09/2014

An Analysis of Capitate and Lunate Morphology to Predict Long-Term Outcomes in  
 Proximal Row Carpectomy (Best of the AAOS Symposium selected by The Hand  
 And Wrist Program Committee)  
 (E. Wagner, DM Bravo, B Elhassan, S Moran)  
 AAOS Annual Meeting  
 Las Vegas, Nevada 03/2015

Bilateral Total Wrist Arthrodesis Improves Long-Term Pain and Function  
 (ER Wagner, BT Elhassan, S Kakar)  
 AAOS Annual Meeting  
 Las Vegas, Nevada 03/2015

Early Versus Late Motion Following Volar Plating of Distal Radius Fractures  
 (DG Dennison, C Blanchard, BT Elhassan, SL Moran, AYS Shin)  
 AAOS Annual Meeting  
 Las Vegas, Nevada 03/2015

Effectiveness of Tendon Transfers Performed in Reverse Shoulder Arthroplasty to  
 Restore External Rotation  
 (J-D Werthel, ER Wagner, PL Kok, JW Sperling, K-N An, BT Elhassan)  
 AAOS Annual Meeting 03/2015

Las Vegas, Nevada

Effects of Lateralization of Reverse Shoulder Arthroplasty on Tendon Transfers to Restore External Rotation 03/2015  
(J-D Werthel, ER Wagner, JW Sperling, PL Kok, P Valenti, K-N An, BT Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Long-term Outcomes 03/2015  
(J-D Werthel, ER Wagner, JW Sperling, PL Kok, P Valenti, K-N An, BT Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Long-term Outcomes After Radiocarpal Dislocation: A prospective review 03/2015  
(BJ Yuan, DG Dennison, BT Elhassan, S Kakar)  
AAOS Annual Meeting  
Las Vegas, Nevada

Long-term Outcomes of Glenohumeral Arthrodesis 03/2015  
(ER Wagner, S Sarfani, BT Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Outcome of Trapeziectomy and Abductor Longus to Flexor Carpi Radialis Tenodesis Suspension Arthroplasty 03/2015  
(BS Schoch, J-D Werthel, BT Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Outcomes of Glenoid Bone Grafting in Revision Reverse Total Shoulder Arthroplasty 03/2015  
(ER Wagner, TB Griffith, M Houdek, RH Cofield, J Sanchez-Sotelo, JW Sperling, B Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Pectoralis Major Transfer with its Bony Insertion Stabilizes Scapular Winging via Enhanced Bone-Bone Healing 03/2015  
(ER Wagner, BT Elhassan)  
AAOS Annual Meeting  
Las Vegas, Nevada

Proximal Row Carpectomy Considerations for Maximizing Long-Term Outcomes: A longitudinal Study of 144 Cases 03/2015  
(ER Wagner, DM Bravo, BT Elhassan, SL Moran)  
AAOS Annual Meeting  
Las Vegas, Nevada

Tendon Transfer Options about the Shoulder 03/2015  
(A Toor, M Lu, E Ek, N Suh, JL Koh, BT Elhassan, LL Shi)

AAOS Annual Meeting  
Las Vegas, Nevada

Management of AC Joint injury: Open and Arthroscopic 01/23/2016  
Mayo Clinic Faculty Member  
Mayo Comprehensive Shoulder and Elbow course

Tendon transfer in massive RCT 01/23/2016  
Mayo Clinic Faculty Member  
Mayo Comprehensive Shoulder and Elbow course  
Fountain Hills, Arizona

### Poster

Experimental Investigation of Finger Flexion and FDP Excursion Before and After 09/2003  
MCP Arthroplasty  
Annual Meeting of the American Society for Surgery of the Hand

Radial Nerve Laceration Associated with Humeral Fractures(Poster presentation 02/2011  
No.: P465)  
(Elhassan BT, Pritsch T)  
AAOS 2011 Annual Meeting  
San Diego, California

Long-term Outcomes After Radiocarpal Dislocation: A prospective review (RF 09/2012  
Poster 33)  
(Yuan B, Dennison DG, Elhassan BT)  
30th Annual Adrian E. Flatt Residents and Fellows Conference in Hand Surgery  
Chicago, Illinois

Long-term outcomes after radiocarpal dislocation: A prospective review 04/20/2013  
(Poster: Yuan BJ, Dennison DG, Elhassan BT, Kakar S)  
Mid-America Orthopaedic Association 31st Annual Meeting  
Amelia Island, Florida

Outcome of Thumb Opponensplasty Using Flexor Digitorum Superficialis of Long or 09/2014  
Ring Finger had the highest score with an average of 7.0 (E-poster Winner)  
Wagner ER, Bishop AT, Elhassan BT  
Residents and Fellows Conference, ASSH  
Boston, Massachusetts

### Regional

#### Invited

Shoulder Reconstruction in Brachial Plexus Injury 05/2011  
(Guest Lecturer)  
Carolinas Medical Center  
Charlotte, North Carolina

Shoulder Reconstruction in Patients with Brachial Plexus Injury University of Miami Grand Rounds Guest Lecturer Miami, Florida	05/2012
Combination of Adult and Obstetric Brachial Plexus Reconstruction Medical College of Wisconsin Grand Rounds Milwaukee, Wisconsin	05/08/2013
<b>Oral</b>	
Novel Tendon Transfers Around the Shoulder Grand Rounds at UAB Highland Orthopedics Birmingham, Alabama	09/2011
Tendon Transfer Masters Shoulder Course Boston, Massachusetts	11/2011
Obtaining External Rotation Advances in Brachial Plexus Course	04/2012
The Subluxation Shoulder Option Advances in Brachial Plexus Course	04/2012
Reconstruction of Shoulder Abduction Function Symposium in Reconstructive Surgery: Mayo Clinic/Chang Gung University Symposium	06/2012
Managing Long-Term Shoulder Sequelae of NBPI Johns Hopkins University School of Medicine: Exploring Shoulder Dystocia and Neonatal Brachial Plexus Injury Baltimore, Maryland	09/2012
Reconstruction Options to Manage Complex Shoulder Disorders Mayo Clinic Grand Rounds Presentation Mayo Clinic	01/25/2016

## Visiting Professorship

### Visiting Professorships

Visiting Professor to University of Miami Reconstructive Procedures to Restore Shoulder Function University of Miami Miami, Florida	2012
Visiting Professor to Johns Hopkins School of Medicine Shoulder Reconstruction in Obstetric Brachial Plexus Injury Johns Hopkins School of Medicine Baltimore, Maryland	2012



Dubai Medical College Visiting Professor How to Diagnose and Manage Complex Shoulder Disorder Dubai, United Arab Emirates	2013
Universidad Autonoma de Guadalajara Shoulder Reconstruction in Brachial Plexus Injury Guadalajara, Mexico	2013
Lebanese Orthopedic Society Visiting Professor Management of Shoulder Arthritis, Instability and Rotator Cuff La Sajesse Medical School Beirut, Lebanon	2014
Visiting Professor to Mount Sinai Hospital Management of Complex Shoulder Disorder Mount Sinai Hospital New York	2014
Visiting Professor to Massachusetts General Hospital Shoulder Reconstruction in Complex Shoulder Disorder Massachusetts General Hospital Boston, Massachusetts	04/2015 - 2015
Society of Progress and Innovation Near East Visiting Professor Management of Shoulder Instability in Patients with Major Bone Defect Lebanese American University Beirut, Lebanon	2015
Visiting Professor to King Faysal Medical Center Shoulder Reconstruction in Patients with Obstetric Brachial Plexus Injury King Faysal Medical Center Riyadh, Saudi Arabia	2016
Visiting Professor Universite Paris Sud Tendon Transfer Options for Patients with Massive Irreparable Rotator Cuff Tear Universite Paris Sud Paris, France	2016

## Research Interests

1 - Basic Science of Peripheral Nerve Regeneration 2 - Biomechanics of the Hand and Wrist 3 - Biomechanics of the Shoulder 4 - Tendon Transfer Around the Shoulder and Wrist

## Research Grants Awarded

### Active Grants

#### Mayo Clinic

Program Director / Principal Investigator	Evaluation of the vascular anatomy of the acromion: an anatomic study. Funded by SGP - Small Grants Program <\$10K	09/2015 - 09/2017
---	--	-------------------

**Completed Grants****Industry**

Co-Investigator	The Effect of Intramedullary Locked nail versus Volar Locked Plating in the Treatment of Extra-articular and Minimally Displaced Intra-articular Distal Radius Fractures: A Prospective Randomized Trial: The Effect of Intramedullary Locked nail versus Volar Locked Plating in the Treatment of Extra-articular and Minimally Displaced Intra-articular Distal Radius Fractures: A Prospective Randomized Trial. Funded by Sonoma Orthopedic Products, Inc.	02/2011 - 02/2014
-----------------	--	-------------------

**Mayo Clinic**

Program Director / Principal Investigator	Molecular and Cellular Tendon Regeneration via Biologic and Surgical Augmentation of Tendon Reconstruction and Transfers. Funded by Center for Regenerative Medicine	06/2012 - 05/2013
Program Director / Principal Investigator	Biologic, Surgical, and Mechanical Augmentation of the Bone-Tendon Interface Regeneration of Tendon Transfers and Reconstructions; an extension of the previous study with the addition of mechanical tissue regeneration augmentation. Funded by CRM - Center for Regenerative Medicine	07/2013 - 12/2013

**Other**

Clinical Practice, Accomplishments, Innovation and Discoveries

Created shoulder model that is evolving to be the state of art biomechanical model to perform all aspects of biomechanical studies of the shoulder.

Created new shoulder reconstruction techniques for the management of obstetric brachial plexus injury. These techniques have been progressively adopted worldwide and replacing the techniques that have been followed for the past several decades.

Described 15 novel tendon transfer techniques and additional 5 modified shoulder reconstruction techniques that allowed restoration of shoulder function in very complex patients: brachial plexus injuries (adult and obstetric), polio, failed shoulder replacement, and major bone and soft tissue deficiencies post-tumor resections of the upper extremity.

The worldwide recognition of these innovative techniques is reflected by the number and locations of the Grand Rounds and visiting professor lectures that have been performed around the globe.

## Bibliography

### Peer-reviewed Articles

1. Musharrafieh R, Osmani O, Saghie S, **Elhassan B**, Atiyeh B. Microvascular composite tissue transfer for the management of type IIIB and IIIC fractures of the distal leg and compound foot fractures. *J Reconstr Microsurg.* 1999 Oct; 15(7):501-7. PMID:10566578
2. Musharrafieh R, Macari G, Hayek S, **Elhassan B**, Atiyeh B. Rectus abdominis free-tissue transfer in lower extremity reconstruction: review of 40 cases. *J Reconstr Microsurg.* 2000 Jul; 16(5):341-5. PMID:10954314
3. Jaakkola JI, Riggans DH, Lourie GM, Lang CJ, **Elhassan BT**, Rosenthal SJ. Ultrasonography for the evaluation of forearm interosseous membrane disruption in a cadaver model. *J Hand Surg Am.* 2001 Nov; 26(6):1053-7. PMID:11721250
4. Gonzalez MH, Bach HG, **Elhassan BT**, Graf CN, Weinzweig N. Management of open hand fractures. *J Am Soc Surg Hand.* 2003 Nov; 3(4):208-18.
5. **Elhassan BT**, Wynn SW, Gonzalez MH. Atypical hand infection. *J Am Soc Surg Hand.* 2004 Feb; 4(1):42-9.
6. Gonzalez MH, **Elhassan BT**. Multiple dislocations of the proximal interphalangeal joint in three adjacent digits. *J Surg Orthop Adv.* 2004 Spring; 13(1):44-6. PMID:15055496
7. Wynn SW, **Elhassan BT**, Gonzalez MH. Infections of the hand in the immunocompromised host. *J Am Soc Surg Hand.* 2004 May:121-7.
8. Kerns JM, Sladek EH, Malushte TS, Bach H, **Elhassan B**, Kitidumrongsook P, Kroin JS, Shott S, Gantsoudes G, Gonzalez MH. End-to-side nerve grafting of the tibial nerve to bridge a neuroma-in-continuity. *Microsurgery.* 2005; 25(2):155-64; discussion 164-6. PMID:15712214 DOI:10.1002/micr.20096
9. Gonzalez MH, Mohah V, **Elhassan B**, Amirouche F. Biomechanics of the digit. *J Am Soc Surg Hand.* 2005 Feb; 5(1):48-60.
10. **Elhassan B**, McNeal D, Wynn S, Gonzalez M, Amirouch F. Experimental investigation of finger dynamics before and after metacarpophalangeal joint arthroplasty. *J Hand Surg Am.* 2006 Feb; 31(2):228-35. PMID:16473683 DOI:10.1016/j.jhsa.2005.09.015
11. **Elhassan BT**, Shin AY. Scaphoid fracture in children. *Hand Clin.* 2006 Feb; 22(1):31-41. PMID:16504776 PMID:0 DOI:10.1016/j.hcl.2005.10.004
12. **Elhassan B**, Moran SL, Bravo C, Amadio P. Factors that influence the outcome of zone I and zone II flexor tendon repairs in children. *J Hand Surg Am.* 2006 Dec; 31(10):1661-6. PMID:17145388 DOI:10.1016/j.jhsa.2006.09.003
13. **Elhassan B**, Biafora S, Light T. Clinical manifestations of type IV ulna hemimelia. *J Hand Surg [Am]* 2007:1024-30.
14. **Elhassan B**, Warner JJP, Ozbaydar MU. Complications of thermal capsulorrhaphy of the shoulder: management of the capsular deficiency. *Techniques in Shoulder and Elbow Surgery.* 2007 Sep; 8(3):111-6.
15. **Elhassan B**, Fakhouri A. Metastasis of squamous-cell carcinoma of the lung to the first web space of the hand. *J Bone Joint Surg Br.* 2007 Sep; 89(9):1243-6. PMID:17905966 DOI:10.1302/0301-620X.89B9.19186

16. Ozbaydar M, **Elhassan B**, Warner JJ. The use of anchors in shoulder surgery: a shift from metallic to bioabsorbable anchors. *Arthroscopy*. 2007 Oct; 23(10):1124-6. PMID:17916480 DOI:10.1016/j.arthro.2007.05.011
17. **Elhassan B**, Steinmann SP. Entrapment neuropathy of the ulnar nerve. *J Am Acad Orthop Surg*. 2007 Nov; 15(11):672-81. PMID:17989418
18. **Elhassan B**, Endres NK, Higgins LD, Warner JJ. Massive irreparable tendon tears of the rotator cuff: salvage options. *Instr Course Lect*. 2008; 57:153-66. PMID:18399577
19. **Elhassan B**, Ozbaydar M, Higgins LD, Warner JJ. Glenoid reconstruction in revision shoulder arthroplasty. *Clin Orthop Relat Res*. 2008 Mar; 466(3):599-607. Epub 2008 Jan 23. PMID:18213509 PMCID:2505201 DOI:10.1007/s11999-007-0108-0
20. **Elhassan B**, Chung ST, Ozbaydar M, Diller D, Warner JJ. Scapulothoracic fusion for clavicular insufficiency. A report of two cases. *J Bone Joint Surg Am*. 2008 Apr; 90(4):875-80. PMID:18381326 DOI:10.2106/JBJS.G.00986
21. **Elhassan B**, Shin A, Bishop A, Spinner R. Neurovascular injury after shoulder hemiarthroplasty: a case report and review of the literature. *J Shoulder Elbow Surg*. 2008 May-Jun; 17(3):e1-5. Epub 2008 Jan 22. PMID:18207433 DOI:10.1016/j.jse.2007.06.019
22. **Elhassan B**, Ozbaydar M, Massimini D, Diller D, Higgins L, Warner JJ. Transfer of pectoralis major for the treatment of irreparable tears of subscapularis: does it work? *J Bone Joint Surg Br*. 2008 Aug; 90(8):1059-65. PMID:18669963 DOI:10.1302/0301-620X.90B8.20659
23. \* Ozbaydar M, **Elhassan B**, Esenyel C, Atalar A, Bozdog E, Sunbuloglu E, Kopuz N, Demirhan M. A comparison of single-versus double-row suture anchor techniques in a simulated repair of the rotator cuff: an experimental study in rabbits. *J Bone Joint Surg Br*. 2008 Oct; 90(10):1386-91. PMID:18827253 DOI:10.1302/0301-620X.90B10.20862
24. Ozbaydar M, **Elhassan B**, Diller D, Massimini D, Higgins LD, Warner JJ. Results of arthroscopic capsulolabral repair: Bankart lesion versus anterior labroligamentous periosteal sleeve avulsion lesion. *Arthroscopy*. 2008 Nov; 24(11):1277-83. PMID:18971059 DOI:10.1016/j.arthro.2008.01.017
25. \* Matullo KS, Bishop AT, **Elhassan B**. Flexor tendon reconstruction: A review. *Minerva Ortopedica e Traumatologica*. 2009; 60(4):261-73. PMID:0
26. **Elhassan B**, Shin AY. Management of wrist arthritis secondary to advanced Kienbock disease. *Tech Orthop*. 2009; 24(1):27-31. PMID:0
27. **Elhassan BT**, Shin AY. Vascularized bone grafting for treatment of Kienbock's disease. *J Hand Surg Am*. 2009 Jan; 34(1):146-54. PMID:19121741 DOI:10.1016/j.jhsa.2008.10.014
28. Kempton LB, Gonzalez MH, Leven RM, Hughes WF, Beddow S, Santhiraj Y, Archibald SJ, **El Hassan B**, Shott S, Kerns JM. Assessment of axonal growth into collagen nerve guides containing VEGF-transfected stem cells in matrigel. *Anat Rec (Hoboken)* 2009 Feb; 292(2):214-24. PMID:19089906 DOI:10.1002/ar.20844
29. **Elhassan B**, Ozbaydar M, Diller D, Higgins LD, Warner JJ. Soft-tissue resurfacing of the glenoid in the treatment of glenohumeral arthritis in active patients less than fifty years old. *J Bone Joint Surg Am*. 2009 Feb; 91(2):419-24. PMID:19181986 DOI:10.2106/JBJS.H.00318
30. Bach HG, Harrison H, **El Hassan B**, Kempton L, Leven R, Kerns JM, Beddow S, Gonzalez MH. The behavioral and immunological effect of GM-1 ganglioside on nerve root regeneration following C5 nerve root avulsion in a rat model. *J Reconstr Microsurg*. 2009 Feb; 25(2):97-103. Epub 2008 Oct 16. PMID:18925552 DOI:10.1055/s-0028-1090615

31. Goldberg BA, **Elhassan B**, Marciniak S, Dunn JH. Surgical anatomy of latissimus dorsi muscle in transfers about the shoulder. *Am J Orthop (Belle Mead NJ)* 2009 Mar; 38(3):E64-7. PMID:19377654
32. **Elhassan B**, Bishop A, Shin A. Trapezius transfer to restore external rotation in a patient with a brachial plexus injury. A case report. *J Bone Joint Surg Am* 2009 Apr; 91 (4):939-44 PMID:19339579 DOI:10.2106/JBJS.H.00745
33. **Elhassan B**, Ozbaydar M, Diller D, Massimini D, Higgins LD, Warner JJ. Open versus arthroscopic acromioclavicular joint resection: a retrospective comparison study. *Arthroscopy*. 2009 Nov; 25(11):1224-32. PMID:19896043 DOI:10.1016/j.arthro.2009.06.010
34. \* Kakar S, Giuffre J, Skeete K, **Elhassan B**. (iv) Dupuytren's disease. *Orthopaedics and Trauma*. 2010; 24 (3):197-206.
35. **Elhassan B**, Ozbaydar M, Massimini D, Higgins L, Warner JJ. Arthroscopic capsular release for refractory shoulder stiffness: a critical analysis of effectiveness in specific etiologies. *J Shoulder Elbow Surg*. 2010 Jun; 19(4):580-7. Epub 2009 Dec 11. PMID:20004595 DOI:10.1016/j.jse.2009.08.004
36. **Elhassan B**, Bishop A, Shin A, Spinner R. Shoulder tendon transfer options for adult patients with brachial plexus injury. *J Hand Surg Am*. 2010 Jul; 35(7):1211-9. PMID:20610066 DOI:10.1016/j.jhsa.2010.05.001
37. \* Matullo KS, Strasser NL, Bishop AT, Shin AY, **Elhassan BT**. Delayed onset of posterior interosseous nerve palsy after a nonanatomic routing of a distal biceps repair: a case report. *J Shoulder Elbow Surg*. 2010 Sep; 19 (6):e1-5. Epub 2010 Jul 03. PMID:20598915 DOI:10.1016/j.jse.2009.11.054
38. \* Kovachevich R, **Elhassan BT**. Arthroscopic and open repair of the TFCC. *Hand Clin*. 2010 Nov; 26(4):485-94. PMID:20951898 DOI:10.1016/j.hcl.2010.07.003
39. **Elhassan B**, Karabekmez F, Hsu CC, Steinmann S, Moran S. Outcome of local anconeus flap transfer to cover soft tissue defects over the posterior aspect of the elbow. *J Shoulder Elbow Surg*. 2011 Jul; 20(5):807-12. Epub 2011 May 19. PMID:21600795 DOI:10.1016/j.jse.2011.02.010
40. **Elhassan B**, Bishop AT, Hartzler RU, Shin AY, Spinner RJ. Tendon transfer options about the shoulder in patients with brachial plexus injury. *J Bone Joint Surg Am* 2012 Aug 1; 94 (15):1391-8 PMID:22854992 DOI:10.2106/JBJS.J.01913
41. \* Hartzler RU, Barlow JD, An KN, **Elhassan BT**. Biomechanical effectiveness of different types of tendon transfers to the shoulder for external rotation. *J Shoulder Elbow Surg*. 2012 Oct; 21(10):1370-6. Epub 2012 May 08. PMID:22572399 DOI:10.1016/j.jse.2012.01.026
42. **Elhassan BT**, Wagner ER, Bishop AT. Feasibility of contralateral trapezius transfer to restore shoulder external rotation: part I. *J Shoulder Elbow Surg*. 2012 Oct; 21(10):1363-9. Epub 2011 Dec 03. PMID:22137375 DOI:10.1016/j.jse.2011.10.031
43. Fayaz HC, Haas N, Kellam J, Bavonratanavech S, Parvizi J, Dyer G, Pohlemann T, Jerosch J, Prommersberger KJ, Pape HC, Smith M, Vrahas M, Perka C, Siebenrock K, **Elhassan B**, Moran C, Jupiter JB. Improvement of research quality in the fields of orthopaedics and trauma: a global perspective. *Int Orthop*. 2013 Jul; 37(7):1205-12. Epub 2013 May 21. PMID:23689761 PMCID:3685675 DOI:10.1007/s00264-013-1897-2
44. \* Carofino BC, Brogan DM, Kircher MF, **Elhassan BT**, Spinner RJ, Bishop AT, Shin AY. Iatrogenic nerve injuries during shoulder surgery. *J Bone Joint Surg Am* 2013 Sep 18; 95 (18):1667-74 PMID:24048554 DOI:10.2106/JBJS.L.00238
45. Seder CW, **Elhassan BT**, Wigle DA. Manubrial-clavicular-chest wall explantation to expose the anterior thoracic inlet. *Ann Thorac Surg*. 2014 Jan; 97(1):350-2. PMID:24384199 DOI:10.1016/j.athoracsur.2013.06.067

46. **Elhassan B.** Pectoralis major transfer for the management of scapula winging secondary to serratus anterior injury or paralysis. *J Hand Surg Am.* 2014 Feb; 39(2):353-61. PMID:24480693 DOI:10.1016/j.jhsa.2013.11.016
47. **Elhassan B.** Lower trapezius transfer for shoulder external rotation in patients with paralytic shoulder. *J Hand Surg Am.* 2014 Mar; 39(3):556-62. PMID:24559634 DOI:10.1016/j.jhsa.2013.12.016
48. **Elhassan B,** Christensen TJ, Wagner ER. Feasibility of latissimus and teres major transfer to reconstruct irreparable subscapularis tendon tear: an anatomic study. *J Shoulder Elbow Surg.* 2014 Apr; 23(4):492-9. Epub 2013 Sep 27. PMID:24076001 DOI:10.1016/j.jse.2013.07.046
49. **Elhassan BT,** Christensen TJ. Tendon transfers for scapular winging. *OKOJ.*2014 Apr;
50. \* Brogan DM, Carofino BC, Kircher MF, Spinner RJ, **Elhassan BT,** Bishop AT, Shin AY. Prevalence of rotator cuff tears in adults with traumatic brachial plexus injuries. *J Bone Joint Surg Am* 2014 Aug 20; 96 (16):e139 PMID:25143507 DOI:10.2106/JBJS.L.00420
51. \* Schoch B, Wagner E, **Elhassan B.** Tendon transfers for massive irreparable rotator cuff tear. *Oper. Tech. Orthop.* 2015; 25(1):57-75.
52. \* Wagner ER, **Elhassan BT,** Kakar S. Long-term functional outcomes after bilateral total wrist arthrodesis. *J Hand Surg Am* 2015 Feb; 40 (2):224-228.e1 Epub 2014 Dec 13 PMID:25510154 DOI:10.1016/j.jhsa.2014.10.032
53. **Elhassan BT,** Wagner ER. Outcome of transfer of the sternal head of the pectoralis major with its bone insertion to the scapula to manage scapular winging. *J Shoulder Elbow Surg.* 2015 May; 24(5):733-40. Epub 2014 Oct 25. PMID:25440516 DOI:10.1016/j.jse.2014.08.022
54. \* Wagner ER, **Elhassan BT,** Rizzo M. Diagnosis and Treatment of Chronic Lunotriquetral Ligament Injuries. *Hand Clin* 2015 Aug; 31 (3):477-86 PMID:26205709 DOI:10.1016/j.hcl.2015.04.006
55. **Elhassan BT,** Wagner ER. Outcome of triple-tendon transfer, an Eden-Lange variant, to reconstruct trapezius paralysis. *J Shoulder Elbow Surg* 2015 Aug; 24 (8):1307-13 Epub 2015 Apr 01 PMID:25842024 DOI:10.1016/j.jse.2015.01.008
56. \* Yuan BJ, Dennison DG, **Elhassan BT,** Kakar S. Outcomes after radiocarpal dislocation: a retrospective review. *Hand (N Y)* 2015 Sep; 10 (3):367-73 PMID:26330765 PMCID:4551634 DOI:10.1007/s11552-014-9736-5
57. \* Wagner ER, Houdek MT, **Elhassan BT,** Sanchez-Sotelo J, Cofield RH, Sperling JW. What Are Risk Factors for Intraoperative Humerus Fractures During Revision Reverse Shoulder Arthroplasty and Do They Influence Outcomes? *Clin Orthop Relat Res* 2015 Oct; 473 (10):3228-34 Epub 2015 July 11 PMID:26162412 PMCID:4562920 DOI:10.1007/s11999-015-4448-x
58. \* Wagner E, Houdek MT, Griffith T, **Elhassan BT,** Sanchez-Sotelo J, Sperling JW, Cofield RH. Glenoid Bone-Grafting in Revision to a Reverse Total Shoulder Arthroplasty. *J Bone Joint Surg Am* 2015 Oct 21; 97 (20):1653-60 PMID:26491129 DOI:10.2106/JBJS.N.00732
59. \* Werthel JD, Schoch B, **Elhassan BT.** Direct Flexor Carpi Radialis to Abductor Pollicis Longus Tenodesis: An alternative Technique for Ligament Suspension Following Trapeziectomy *J Hand Surg Eur.*40:(9):1006-1008. DOI:10.1177/1753193415580252
60. **Elhassan BT,** Wagner ER, Spinner RJ, Bishop AT, Shin AY. Contralateral trapezius transfer to restore shoulder external rotation following adult brachial plexus injury *Journal of Hand Surgery* 2016; 41 (4):e45-51

61. **Elhassan BT**, Wagner ER, Spinner RJ, Bishop AT, Shin AY. Contralateral Trapezius Transfer to Restore Shoulder External Rotation Following Adult Brachial Plexus Injury. *J Hand Surg Am* 2016 Jan 16 [Epub ahead of print] PMID:26787407 DOI:10.1016/j.jhsa.2015.12.026
62. \* Crowe MM, **Elhassan BT**. Scapular and Shoulder Girdle Muscular Anatomy: Its Role in Periscapular Tendon Transfers. *J Hand Surg Am* 2016 Feb; 41 (2):306-14 Epub 2016 Jan 01 PMID:26754193 DOI:10.1016/j.jhsa.2015.06.123
63. **Elhassan BT**, Kakar S. Proximal Scaphoid Pole Reconstruction Utilizing Ipsilateral Proximal Hamate Autograft [epub ahead of print] *HAND*.;(). DOI:10.1177/1558944716628497
64. **Elhassan BT**, Werthel JD, Cortez M. Modified Percutaneous Trigger Finger Release (accepted) *Hand Surgery & Rehabilitation*.;().
65. \* Werthel JD, Schoch B, Sperling JW, Cofield R, **Elhassan BT**. Shoulder arthroplasty for sequelae of poliomyelitis. *J Shoulder Elbow Surg* 2016 May; 25 (5):791-6 Epub 2015 Dec 15 PMID:26700552 DOI:10.1016/j.jse.2015.09.032
66. \* Wagner ER, Bravo D, **Elhassan B**, Moran SL. Factors associated with improved outcomes following proximal row carpectomy: a long-term outcome study of 144 patients. *J Hand Surg Eur Vol* 2016 Jun; 41 (5):484-91 Epub 2015 July 30 PMID:26228698 DOI:10.1177/1753193415597096
67. Werthel JD, Cortez M, **Elhassan BT**. Modified percutaneous trigger finger release *Hand Surgery & Rehabilitation* 2016 Jun; 35 (3):179-82
68. Schoch B, Shives T, **Elhassan B**. Subtotal Scapulectomy With Scapulothoracic Fusion and Local Tendon Transfer for Management of Chondrosarcoma. *J Am Acad Orthop Surg* 2016 Jun; 24 (6):405-9 PMID:27115794
69. Statz JM, Wagner ER, Houdek MT, Cofield RH, Sanchez-Sotelo J, **Elhassan BT**, Sperling JW. Outcomes of primary reverse shoulder arthroplasty in patients with morbid obesity. *J Shoulder Elbow Surg* 2016 Jul; 25 (7):e191-8 Epub 2016 Feb 19 PMID:26908170 DOI:10.1016/j.jse.2015.12.008
70. **Elhassan BT**, Wagner ER, Werthel JD. Outcome of lower trapezius transfer to reconstruct massive irreparable posterior-superior rotator cuff tear *Journal Of Shoulder And Elbow Surgery* 2016 Aug; 25 (8):1346-53
71. **Elhassan BT**, Wagner ER, Werthel JD. Outcome of lower trapezius transfer to reconstruct massive irreparable posterior-superior rotator cuff tear. *J Shoulder Elbow Surg* 2016 Aug; 25 (8):1346-53 Epub 2016 Mar 08 PMID:26968088 DOI:10.1016/j.jse.2015.12.006
72. Boe CC, **Elhassan BT**. Restoration of shoulder function *Hand Clinics* 2016 Aug; 32 (3):303-10
73. Boe CC, **Elhassan BT**. Restoration of Shoulder Function. *Hand Clin* 2016 Aug; 32 (3):303-10 PMID:27387074 DOI:10.1016/j.hcl.2016.04.001
74. Samuelsen BT, Wagner ER, Houdek MT, **Elhassan BT**, Sanchez-Sotelo J, Cofield R, Sperling JW. Primary reverse shoulder arthroplasty in patients aged 65 years or younger. *J Shoulder Elbow Surg* 2016 Aug 10 [Epub ahead of print] PMID:27522342 DOI:10.1016/j.jse.2016.05.026

### Book Chapters

1. **Elhassan B**, Gonzalez M. First carpometacarpal arthroscopy. In: Steven B. Cohen, Junaid A. Makda. *Textbook of Arthroscopy*. Elsevier Health Sciences; 2004.

2. Gonzalez M, Weinzweig N, Graf C, **Elhassan B**. Mutilated hand ulnar column. In: The mutilated hand. 1st ed. Elsevier Mosby; 2005.
3. Steinmann SP, **Elhassan B**. Elbow arthroscopy after ulnar nerve transposition. In: In: Yamaguchi K, King GJW, McKee MD, O'Driscoll SWM, editors. Advanced reconstruction elbow. 1st ed. Rosemont: American Academy of Orthopaedic Surgeons; 2007. p. 93-6.
4. **Elhassan BT**, Shin AY, Kozin SH. Scaphoid fractures in children. In: Shin AY. Scaphoid fractures. 1st ed. Vol. 37. Rosemont: American Academy of Orthopaedic Surgeons; 2007. p. 85-95. (Monograph series: American Academy of Orthopaedic Surgeons monograph series.)
5. **Elhassan B**, Steinmann SP. Total elbow arthroplasty for primary osteoarthritis. In: Berry DJ, Steinmann SP, editors. Adult reconstruction. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2007. p. 409-12. (Orthopaedic surgery essentials.)
6. **Elhassan BT**, Steinmann S. Elbow arthroscopy after ulnar nerve transposition. In: Galatz LM. Orthopaedic knowledge update: shoulder & elbow. 3rd ed. American Academy of Orthopaedic Surgeons; 2008.
7. **Elhassan BT**, Shin AY. Cross-finger flaps for digital soft tissue reconstruction. In: Moran SL, Cooney WP III. Soft tissue surgery. 1st ed. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2009. p. 245-55. (Master Techniques in Orthopaedic Surgery.)
8. Endres NK, **Elhassan B**, Higgins LD, Warner JJP. The stiff shoulder. In: Rockwood CA Jr., et al, editors. The shoulder. 4th ed. Vol. 2. Philadelphia: Saunders/Elsevier; 2009. p. 1405-35.
9. **Elhassan B**, Waitayawinyu T, Bridgeman JT, Anderson KL, Shin AY, Trumble TE. Fractures and dislocation of the carpus. In: Trumble TE; et al. Principles of hand surgery and therapy. 2nd ed. Philadelphia: Saunders/Elsevier; 2010. p. 81-117.
10. **Elhassan B**, Ramsey ML, Steinmann SP. Management of primary degenerative arthritis of the elbow: linkable total elbow replacement. In: Williams GR; Ramsey ML; Wiesel SW editor. Operative techniques in shoulder and elbow surgery. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2011. (Operative Techniques.). p. 403-11.
11. Warner JJP, **Elhassan B**. Snapping scapula syndrome. In: Williams GR; Ramsey ML; Wiesel SW. Operative techniques in shoulder and elbow surgery. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2011. p. 252-9. (Operative Techniques.)
12. Rosenthal EA, **Elhassan BT**. The extensor tendons: evaluation and surgical management. In: Skirven TM; et al editor. Rehabilitation of the hand and upper extremity. 6th Edition. Volume 1. Philadelphia: Elsevier/Mosby; 2011. p. 487-520.
13. Spinner RJ, Shin AY, Hebert-Blouin M, **Elhassan BT**, Bishop AT. Traumatic brachial plexus injury. In: Wolfe SW; et al. Green's operative hand surgery. 6th ed. Philadelphia: Elsevier/Churchill Livingstone; 2011. p. 1235-92.
14. Kakar S, **Elhassan BT**. Wrist kinematics. In: Lin SJ; Hijawi JB editor. Plastic & reconstructive surgery board review. 2nd Edition. New York: McGraw-Hill Medical; 2011. (Pearls of wisdom.). p. 341-9.



15. **Elhassan B.** Combined Nerve Injury: Chapter 69, Section 6 In: Editors: Arnold-Peter C. Weiss, MD (managing editor); Charles A. Goldfarb, MD; Vincent R. Hentz, MD; Raymond B. Raven, MD (IT editor); David J. Slutsky, MD (video editor); Scott P. Steinmann, MD. Textbook of Hand & Upper Extremity Surgery American Society for Surgery of the Hand; 2013 Sep.
16. **Elhassan BT.** Surgical decompression of acute compartment syndrome of the arm and forearm. In: Morrey BF editor. The elbow. Third Edition. Philadelphia: Wolters Kluwer; 2015. (Master techniques in orthopaedic surgery.). p. 179-85.
17. Warner JJP, Dilisio MF, **Elhassan BT.** Snapping scapula syndrome. In: Williams GR Jr; et al, Operative techniques in shoulder and elbow surgery. Second Edition. Philadelphia: Wolters Kluwer; 2016. (Operative Techniques). p. 420-8.
18. Kakar S, **Elhassan BT.** Wrist kinematics. In: Lin SJ; Hijjawi JB, Plastic & reconstructive surgery board review. Third Edition. New York: McGraw-Hill Education; 2016. p. 393-401.
19. **Elhassan BT.** Management of Essex-Lopresti Injury Morrey B, Sanchez-Sotelo J. The Elbow and Its Disorders. 5th Edition. New York: Elsevier;
20. Spinner RJ, Shin AY, **Elhassan BT**, Bishop AT. Traumatic brachial plexus injury. In: Wolfe SW; et al, Green's operative hand surgery. Seventh Edition. Philadelphia: Elsevier; 2017. p. 1146-207.

#### Letters

1. **Elhassan B,** Warner JJ. Author's Reply. Arthroscopy. 2010 Jun; 26(6):727-8. Epub 2010 Apr 28. PMID:20511028 DOI:10.1016/j.arthro.2009.12.002
2. **Elhassan BT.** Feasibility of latissimus and teres major transfer to reconstruct irreparable subscapularis tendon tear: an anatomic study. J Shoulder Elbow Surg. 2015 Apr; 24(4):e102-3. Epub 2015 Feb 18. PMID:25704828 DOI:10.1016/j.jse.2014.12.035
3. Werthel JD, Schoch B, **Elhassan BT.** Direct flexor carpi radialis to abductor pollicis longus tenodesis: an alternative technique for ligament suspension following trapeziectomy. J Hand Surg Eur Vol 2015 Nov; 40(9):1006-8 Epub 2015 May 04 PMID:25940498 DOI:10.1177/1753193415580252
4. Kadar A, **Elhassan B,** Moran SL. Manifestations of Mucopolipidosis III in the hand: avascular necrosis of multiple carpal bones. J Hand Surg Eur Vol 2016 Sep 8 Epub 2016 Sept 08 PMID:27609217 DOI:10.1177/1753193416667008

#### Abstracts

1. **Elhassan B.** Experimental investigation of finger flexion and FDP excursion before and after MCP arthroplasty. 58th Annual Meeting of the American Society for Surgery of the Hand. 2003 Sep 18-20.
2. **Elhassan B.** Experimental investigation of finger flexion and FDP excursion before and after MCP arthroplasty. AAHS Meeting. 2005 Jan.

#### Forthcoming

1. **Elhassan B,** Wagner E, Bishop A. BMSC augmentation of tendon transfers in rabbits. (Center for Regen Medicine Grant) 2012.
2. **Elhassan B,** Wagner E. Effect of tenoglide on tissue healing and decrease scarring and fibrosis. 2012.

3. Wagner ER, **Elhassan BT**. Factors associated with spontaneous recovery of obstetric brachial plexus injuries. JSES (Preparing resubmission). 2012.
4. **Elhassan B**, Wagner E. Functional and pain outcomes associated with pectoralis major transfer for scapular winging. 2012.
5. **Elhassan BT**, Wagner ER. Glenoid reconstruction with iliac crest bone graft, lower trapezius transfer and other tendon transfers in adolescent and adult patients with obstetric brachial plexus injury. 2012.
6. Wagner ER, Gray R, **Elhassan BT**. Histoplasmosis-induced carpal tunnel syndrome: A case report. 2012.
7. **Elhassan B**, Wagner E, Bishop A, Shaughnessy B. Long-term functional outcome of adult patients with a history of obstetric brachial plexus palsy (In progress)
8. **Elhassan B**, Wagner E. Long-term outcomes of tendon transfers for trapezius paralysis. 2012.
9. **Elhassan B**, Sperling J, Wagner E. Long-term outcomes of total shoulder fusion. 2012.
10. **Elhassan B**, Wagner E, Moran S. Long-term results of proximal row carpectomy in patients under 40 years old. 2012.
11. **Elhassan B**, Wagner E. Natural history of obstetric brachial plexus palsy. (With Dr. Elhassan). 2012.
12. **Elhassan B**, Wagner E. Outcomes of contralateral trapezius transfer to restore shoulder external rotation. 2012.
13. **Elhassan B**, Shaughnessy B, Bishop A. Outcome of shoulder reconstruction in obstetric brachial plexus palsy (In progress)
14. **Elhassan BT**, Wagner E, Sperling J, Sanchez J. Outcome of Scapulothoracic Fusion TBD
15. **Elhassan BT**, Wagner E, Assenmacher A, Gali A. Arthroscopically Assisted Lower Trapezius Transfer to Reconstruct Massive Rotator Cuff Tear TBD
16. **Elhassan BT**, Werthel JD, Sperling J, An K. Biomechanical Changes after Triple Tendon Transfer Compared to Eden-Lange Procedure TBD
17. **Elhassan BT**, Werthel JD, Sperling J, An K. Biomechanical Evaluation of Multiple Tendon Transfers in Reverse TSA TBD
18. **Elhassan BT**, Werthel JD, Schoch B. Case Report of Shoulder Reconstruction after Subtotal Scapulectomy TBD
19. **Elhassan BT**, Werthel JD, Sperling J, An K. Effect of Lateralization on the Moment Arms of the Muscles Around the Shoulder TBD
20. **Elhassan BT**, Kakar S. Outcome of DRUJ Reconstruction with Meniscal Allograft and Partial U-Head Replacement TBD
21. **Elhassan BT**, Wagner E, Werthel JD. Outcome of Lower Trapezius to Reconstruct Chronic Infraspinatus Musculotendinous Tear TBD

22. **Elhassan BT**, Wagner E, Assenmacher A, Gali A. Pedicled Latissimus Transfer to Reconstruct Deltoid in the Setting of Deltoid Paralysis in Reverse TSA TBD
23. **Elhassan BT**, Wagner E, Assenmacher A, Gali A. Pedicled Pectoralis Transfer to Reconstruct Anterior Deltoid TBD
24. **Elhassan BT**, Willimot L. Biomechanical Changes in Major Glenoid Bone Defect after Latarjet TBD
25. **Elhassan BT**, Willimot L. Biomechanical Evaluation of the Function of Different Parts of the Serratus Anterior TBD
26. **Elhassan BT**, Wagner E, Werthel JD. Outcome of Latissimus Transfer to Reconstruct Subscapularis TBD
27. **Elhassan BT**, Askari M, Moran S. Anconeus Flap Coverage of the Elbow Master Techniques in Orthopaedic Surgery: Soft Tissue Surgery (in press)
28. **Elhassan BT**, Werthel JD, Sperling J, Cofield RH. Comparison of the Longevity of Cemented Versus Cementless Humeral Stem Arthroplasty TBD
29. **Elhassan BT**, Werthel JD, Wagner E. Outcome of Lower Trapezius Transfer to Reconstruct Massive Irreparable Posterior Superior Rotator Cuff Tear Journal of Shoulder and Elbow Surgery (In press)
30. **Elhassan BT**, Kakar S. Outcome of Proximal Hamate Use to Reconstruct Proximal Scaphoid. Hand (in press)
31. **Elhassan BT**, Wagner E, Werthel JD. Outcome of Repair of Partial Tear of the Serratus Anterior Insertion TBD
32. **Elhassan BT**, Kollitz M. Restoration of Shoulder Function Following Brachial Plexus Injury Master Techniques in Orthopaedic Surgery: Soft Tissue Surgery (in press)
33. **Elhassan BT**, Boe C. Restoration of Shoulder Function through Tendon Transfer Hand Clinics (in press)
34. **Elhassan BT**, Kakar S, Shives T. Review of Surgical Outcome of Tumor Resection Around the Shoulder TBD
35. **Elhassan BT**, Kollitz M. Rotational Flap for Rotator Cuff Deficiency Master Techniques in Orthopaedic Surgery: Soft Tissue Surgery

\* Indicates that the primary author was a mentee of this author.