### **CURRICULUM VITAE**

#### **Personal Information**

Adrian Park, MD, FRCSC, FACS, FCS (ECSA) Chair, Department of Surgery Professor of Surgery Anne Arundel Health System Anne Arundel Medical Center Johns Hopkins University School of Medicine 2001 Medical Parkway Annapolis, MD 21401 (443) 481-5699

### **Education**

1983 B.Sc. (Honors), Biomedical Minor, University of Guelph, Canada
1984 Cours Moyen Spécial, Université de Pau, France

### **Professional Education**

Doctor of Medicine, Faculty of Health Sciences, McMaster University, Canada	1987
Fellowship - Laparoscopic/Endoscopic Surgery Hôtel Dieu de Montréal, (U. de Montréal) Montréal, Québec	1993
Chief Resident - General Surgery St. Joseph's Hospital Hamilton, Ontario	Jan 92-Jun 92
Chief Resident - General Surgery McMaster University Medical Centre Hamilton, Ontario	Jul 91-Dec 91
General Surgery Residency Department of Surgery McMaster University Affiliated Hospitals Hamilton, Ontario	Jul 88-Jun 91
Senior Registrar - Surgery Colonial War Memorial Hospital Suva, Fiji Islands	Oct 89-Dec 89

Comprehensive Surgical Internship McMaster University Medical Centre Hamilton, Ontario Jul 87-Jun 88

### **Board Certification**

1992	Fello	ow c	of the	Royal	College	of S	urgeo	ns, G	eneral	Surgery	/ (Canada)	)
1000			ъ	1 0	α	/		1 200	~ \			

1996 American Board of Surgery (recertified 2005)1997 Fellow of the American College of Surgeons

# **Hospital Privileges**

Anne Arundel Medical Center

## **Present Position**

2012 – Present	Chairman, Department of Surgery Anne Arundel Health System Annapolis, Maryland
2012 – 2015	Professor of Surgery, PAR Johns Hopkins University
2015 – Present	<b>Professor of Surgery</b> Johns Hopkins University School of Medicine
2011 – Present	Adjunct Professor of Computer Science & EE University of Maryland (BC)
<b>Previous Positions</b>	
2011 – 2011	The Dr. Alex Gillis Professor of Surgery & Chairman Department of Surgery Dalhousie University Halifax, Nova Scotia
2011 – 2011	Chief of Surgery Capital District Health Authority Halifax, Nova Scotia
2006 – 2011	Vice Chair, Department of Surgery University of Maryland Baltimore, Maryland
2003 – 2011	The Campbell and Jeanette Plugge Professor of Surgery & Head, Division of General Surgery University of Maryland Baltimore, Maryland
2005 – 2011	Adjunct Professor, Bioengineering University of Maryland

	Baltimore, Maryland
2005 – 2011	Medical Director, Digestive Health Center University of Maryland Baltimore, Maryland
2002-2003	The Commonwealth Professor, Department of Surgery University of Kentucky College of Medicine Lexington, KY
1997 -2002	Associate Professor, Department of Surgery University of Kentucky College of Medicine Lexington, KY
1998 – 2003	Director, Center for Minimally Invasive Surgery University of Kentucky Lexington, KY
1998 – 2003	Head, Surgical Endoscopy University of Kentucky Lexington, KY
1999- 2003	Chief, Section of G.I. Surgery University of Kentucky College of Medicine Lexington, KY
1994 - 1997	Assistant Clinical Professor  Department of Surgery, Faculty of Health Sciences  McMaster University  Canada
1994 - 1997	Active Staff Department of Surgery St. Joseph's Hospital Canada
ors and Awards	

### Honor

1979 Ontario Scholar Selected to represent McMaster Medical School at: Symposium on Research 1985 Frontiers of Diabetes Mellitus, sponsored by C.D.A., held in Toronto, Ontario. November 1985. 1990 Davis and Geck Surgical Research Award., "Magnetic Resonance Imaging in the assessment of bowel viability after ichemia reperfusion injury."

- Davis and Geck Surgical Research Award., "Diagnosis of persistent intestinal ischemia in the rabbit using Magnetic Resonance Imaging."
- 1992 Exemplary Resident Award, Emergency Associates of St. Joseph's.
- 1992 Merck Frost Award for Teaching Excellence, Canadian Association of General Surgeons.
- 1995 Golden Scalpel Award., for outstanding contribution to surgical resident education.
- 1999 Alumni Medal of Achievement, University of Guelph.
- 2002 EES Silver Spork Award. Best clinician co-inventor of new medical device.
- 2003 Kentucky Colonel. Commonwealth of Kentucky
- 2007 A Top Doctor in Surgery. Baltimore Magazine, November issue.
- 2009 Medal of Achievement. University of Maryland School of Medicine
- 2009 Outstanding Leadership Achievement Award(Gore & Assoc) A SAGES

#### Foundation Award

- 2010 A Top Doctor in Surgery. Baltimore Magazine, November issue.
- 2013 Georgetown University Lifetime Achievement Award in Abdominal Wall Reconstruction
- 2014 Baltimore Top Doctor (including feature article)
- 2016 SAGES Award for Excellence in Humanistic Clinical Care
- 2017 Honorary Member of the British Columbia Surgical Society
- 2018 Golden Telescope Award, Imperial College of London (Karl Storz Harold Hopkins Lecture)
- 2019 Guest of Honor 16<sup>th</sup> International Congress Workshop of "Egyptian Society of Laparoscopic Surgery (ESLS)," Cairo, Egypt

#### **Professional Memberships**

1988 - Present	Ontario Medical Association
1988 - Present	Canadian Medical Association
1992 - Present	Royal College of Surgeons of Canada, Fellow
1992 - Present	Canadian Association of General Surgeons
1993 - Present	Christian Medical and Dental Society
1995 - Present	Society for Surgery of the Alimentary Tract (SSAT)
1995 - Present	Society of American Gastrointestinal Endoscopic Surgeons
	(SAGES)
1997 - Present	American College of Surgeons, Fellow
1997 - present	American Hernia Society
2009 - Present	American Surgical Association
2016 – Present	Society of Surgical Chairs

#### **Committees**

#### External

1996 – Present Member, Program Committee - Society of American

	Gastrointestinal Endoscopic Surgeons (SAGES)
1997 - Present	Member, Board of Directors, New Life Ministries
1998 – 2001	Co-Chair, Membership Committee - SAGES
1999 – Present	Member of the Stryker Endoscopy Surgeon Advisory Council
1999 – 2003	Chairman, Annual University of Kentucky MIS/GI Symposium
1999 – 2002	Member, Physician Advisory Board, Endonetics
2000 - Present	Co-Chair (and Co-Founder) Minimally Invasive Surgery
2000 Tresent	Fellowship Fundamentals (Annual) Conference
2001 – 2005	Founding President, Minimally Invasive Surgery
2001 – 2003	Fellowship Council
2001 - Present	Member, Board of Governors, Pan African
2001 - Fleschi	College of Christian Surgeons (PACCS)
2001 – 2006	
	Treasurer, PACCS  Marshan of the Board Christian Medical & Dontal Association
2001 - Present	Member of the Board, Christian Medical & Dental Association
2001 D	Commission on Medical Education
2001 - Present	Member, Development Committee - SAGES
2001 - Present	Peer Review consultant, American Medical Foundation
	for Peer Review and Education
2002 - Present	President, ParK Medical LLC.
2003 – 2018	Member, SAGES Board of Governors
2003 – 2018	Surgical Dean, CMDA Commission on Medical Education
2003 – 2007 2003 – 2006	Member, Board of Governors, American Hernia Society
	· · · · · · · · · · · · · · · · · · ·
2003 – 2016	Member, SAGES Fundamentals of Endoscopic Surgery (FES)
2005 Dungant	Advisory Committee
2005 - Present	Associate Examiner (oral boards), The American Board of Surgery
2005 - 2012	Member, Gastrointestinal Surgery Advisory Council, The
2005 2007	American Board of Surgery
2005 – 2007	Chairman, Fellowship Council Board
2006 - 2017	Member, ASGE Invention Innovation Special
2006 2012	Interest group (II-SIG)
2006 - 2012	Member, Accreditation Review Committee-ACS Program for the
2006 P	Accreditation of Education Institutes
2006 – Present	Co-director, Innovations in Surgery Teleconference
2007 – 2012	Member, Video-based Education - American College of Surgeons
2007 – 2009	Member, Endoluminal Clinical Advisory Board – Tyco Healthcare
2008 - 2011	Board Member, EP Church of Annapolis
2008 - 2016	Member, Fellowship Council Board
2009 - 2012	Member, Fellowship Council Blue Ribbon Panel
2009 - 2010	Advisor, Surgical Education Research Fellowship (SERF)
2011 - 2015	Chairman, Pan African Academy of Christian Surgeons (PAACS)
2011 - 2018	Chairman, SAGES Hernia Task Force
2012 - Present	Member, Scientific Committee of the IHI Strasbourg (Un institut
	hospitalo-universitaire à Strasbourg)

2013 - 2015	Vice President SAGES
2015 - 2018	Society of Laparoendoscopic Surgeons (SLS) National Advisory
	Board

# Other Significant Scholarly, Research, or Administrative Experience

2003 - 2004	Editor in Chief – Seminars in Laparoscopic Surgery
2008	Program Chair, 2008 Society of American Gastrointestinal and
	Endoscopic Surgeons
2009 - 2012	Secretary, Society of American Gastrointestinal and Endoscopic
	Surgeons Board of Governors Executive Committee
2010 - Present	Editor in Chief – Minimally invasive surgery training: theories,
	methods, outcomes [Internet]. Washington: Department of Health
	& Human Services (US), national Institutes of Health, National
	Library of Medicine.
2012-present	External Examiner for COSECSA
2017	Associate Examiner for American Board of Surgery Certifying
	Exam

### **Editorial Boards**

1997 - 2000	Member of the Editorial Board -World Electronic Book
	of Surgery
1999 - 2006	Member of the Editorial Advisory Panel-Contemporary Surgery
1999 - 2003	Member of the Editorial Board - Surgical Prospectus
2001 - Present	Member of the Editorial Board – Journal of Laparoscopic Surgery
2002 - 2010	Member of the Editorial Board – Journal of Long-Term Effects
	of Medical Implants
2002 - Present	Member of the Editorial Board – Surgical Endoscopy
2002 - Present	Member of the Editorial Board – Chinese Journal of Current
	Advances in General Surgery
2005 – Present	Member of the International Advisory Board – Hernia
2007 – Present	Member of the Editorial Board - WeBSurg's Scientific
2010 - 2015	Member of the Editorial Board – Journal of Gastrointestinal
	Surgery
2010 – Present	In Training: The publication for surgical residents and fellows
2004 – Present	Co-Editor in Chief – Surgical Innovation

# **Visiting Professorships**

Laparoscopic Adrenalectomy, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Laparoscopic Inguinal Hernia Repair, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Laparoscopic Large Incisional Hernia Repair, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Presentation and Demonstration of Laparoscopic Inguinal Herniorrhaphy and Laparoscopic Cholecystectomy as Visiting Professor, Peoples Friendship University Hospital, Moscow, Russia, May 15, 1995.

Approach to the Common Bile Duct Stone in the Laparoscopic Era. Surgical Grand Rounds, Queen's University, Kingston, Ontario, June 26, 1996. (As Visiting Professor, also demonstrated Laparoscopic Splenectomy by the Lateral Approach). November 27, 1995.

Incisional herniorrhapy. Visiting Professor Surgical Grand Rounds. Thomas Jefferson University Philadelphia, PA. March 18, 1999.

Visiting Professor, University of Louisville. Demonstrated: 1) Laparoscopy Heller's Cardiomytomy with Dor fundoplication and 2) Laparoscopic Incisional Herniorrhaphy Louisville, KY. May 3, 1999.

Advances in Solid Organ Laparoscopy. Visiting Professor Surgical Grand Rounds. University of Tennessee, Memphis, TN. May 24, 2000.

A New Approach to an Old Problem: Incisional Hernia. Visiting Professor Lecture. Southern Illinois University. Springfield, IL. October 12, 2000.

Solid Organ Laparoscopy. Surgical Grand Rounds, Southern Illinois University. Visiting Professor Lecture. Southern Illinois University. Springfield, IL. October 13, 2000.

Recent Advances in Solid Organ Laparoscopy. Surgical Grand Rounds, Visiting Professor Lecture. University of Minnesota. Minneapolis, MN. March 20, 2001. "Laparoscopic Solid Organ Surgery". University of Shandong (sister University to U.K.). December 7, 2001; Jinan, China.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Surgical Grand Rounds. Virginia Commonwealth University School of Medicine. April 18, 2002.

Beyond the Robot: The Challenge of MIS. Robotics in Medicine Symposium. Virginia Commonwealth University School of Medicine. Richmond, Virginia. April 18, 2002.

Laparoscopy in Surgery of the Pancreas. Surgical Grand Rounds, Visiting Professor. University of Louisville. Louisville, KY. December 6, 2002.

Laparoscopic Repair of Ventral Hernia. Cornell University Grand Rounds Series, Visiting Professor. April 21, 2003; New York, NY.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Surgical Grand Rounds. State University of New York, Upstate Medical University. April 29, 2003; Syracuse, NY.

Laparoscopic Incisional Hernia Repair. Visiting Professor for the Resident Research Recognition Day. Fairview Hospital. Cleveland Clinic Foundation. June 6, 2003; Cleveland, Ohio.

New Vistas in Surgical Education. Visiting Professor Surgical Grand Rounds. Dartmouth-Hitchcock Medical Center. October 1, 2003; Lebanon, NH.

Frontiers in Surgery: Techniques, Technology & Tendonitis. Radiology Grand Rounds, University of Maryland. March 10, 2004; Baltimore, MD.

Update on Laparoscopic Colon Surgery. Visiting Professor Surgical Grand Rounds. St. Agnes HealthCare. October 27, 2004; Baltimore, MD.

OR of the Future. Visiting Professor Grand Rounds. Mercy Hospital. December 8, 2004; Baltimore, MD

Update on Colectomy. Visiting Professor Surgical Grand Rounds. Northwest Hospital. February 2, 2005; Baltimore, MD.

Update in Minimally Invasive G.I. Surgery. Visiting Professor. Chiang Mai University. February 16, 2005; Chiang Mai, Thailand.

GERD – the burning issues. Visiting Professor Grand Rounds. Ramathibodi Hospital, Mahidol University. February 18, 2005; Bangkok, Thailand.

Laparoscopic Pancreatic Surgery. Visiting Professor Grand Rounds. Medical College of Georgia. April 25, 2005; Augusta, Georgia.

"Skills Training in Surgical Programs – Imperative or a waste of time". Safe Surgery Sydney06, Royal Australasian College of Surgeons. Visiting Professor Grand Rounds. May 16, 2005; Sydney, Australia.

Laparoscopic Pancreas Surgery. Visiting Professor Grand Rounds. University of Missouri-Columbia. June 15, 2005; Columbia, MO.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Grand Rounds. North Shore Long Island Jewish Medical Center. December 15, 2005; New Hyde Park, NY.

"Update on treatment of GERD". Visiting Professor Grand Rounds. New York University School of Medicine. May 3, 2006; New York, NY.

"The Operating Room of the Future: A Surgeon's Perspective". United States Army's 28<sup>th</sup> Annual Meeting of Surgeons (keynote address). May 10, 2006; Silver Spring, MD.

"Training Surgeon's for the Operating Room of The Future". Visiting Professor Grand Rounds. University of Ottawa. June 28, 2006; Ottawa, Canada.

"Laparoscopic Incisional Hernia Repair". Visiting Professor Grand Rounds. University of Ottawa. June 28, 2006; Ottawa, Canada.

"The Operating Room of the Future". Visiting Professor Grand Rounds. The Montreal General Hospital. September 28, 2006: Montreal, Canada.

"The Operating Room of the Future". Surgical Grand Rounds. University of Maryland. October 26, 2006: Baltimore, Maryland.

"The Operating Room of the Future". Surgical Grand Rounds. Department of Surgery at The George Washington University Hospital. January 31, 2007; Washington, DC.

"The Operating Room of the Future". Surgical Grand Rounds. WellSpan Health at York Hospital . February 9, 2007; York, PA.

"Working in and Training for the OR of the Future". Reinsch Endowed Lectureship Grand Rounds, University of California, Davis. June 29, 2007; Sacramento, CA.

"MIS Pancreas Surgery". Reinsch Endowed Lectureship, University of California, Davis. June 29, 2007; Sacramento, CA.

"Where are we with surgical simulation and why should you care?" Surgical Grand Rounds. University of Maryland. May 15, 2008; Baltimore, Maryland.

"Is NOTES Nuts?". Visiting Professor, Grand Rounds, University of British Columbia Department of Surgery. June 17, 2009. Vancouver, BC.

"Surgery in the 21<sup>st</sup> Century Demands new Research and practice Focus". Annual Residents' Research Conference 2009. McMaster University, Department of Surgery. November 10-11, 2009; Hamilton Ontario, Canada.

"Update on Incisional Hernia Repair". Visiting Professor, University of Nairobi and Kenya Hospital.. December 2, 2009; Nairobi, Kenya.

"Anatomy and Hernias of the Abdominal Wall". Visiting Professor, Kikuyu Hospital. December 7, 2009; Kikuyu, Kenya.

"Update on Treatment of GERD". Visiting Professor, University of Nairobi, Department of Surgery. February 16, 2010, Nairobi, Kenya.

"Foregut Hernia Surgery". Grand Rounds, Visiting Professor, Inova Fairfax Hospital. March 3, 2010; Falls Church, VA.

"Is the Surgeon Safe?" Visiting Professor, "Zane Cohen Lecture", Mount Sinai Hospital. September 23, 2010. Toronto, Canada.

"Surgical Simulation: Are we there yet?!" Visiting Professor," Gerald Ujiki, MD Lectureship" Northwestern University Department of Surgery. October 21, 2010; Chicago, Illinois.

"Surgeon Health and Well Being" Visiting Professor, "2011 Lloyd M. Nyhus Memorial Lecture" University of Illinois Chicago. July 20, 2011; Chicago, Illinois.

"Is the Surgeon Safe?" Visiting Professor, Banner Good Samaritan Medical Center, December 20, 2012; Phoenix, AZ.

"When Surgeons Serve..." Visiting Professor, Rochester Marriot Mayo Clinic, April 28-30, 2013.

"The Operating Room of the Future: The Surgeon's Workspace", Children's National Medical Center, January 11, 2013; Washington, DC.

"Is the Surgeon Safe?" Visiting Professor, Florida Hospital Orlando, September 27, 2013; Orlando, FL.

"Is the Surgeon Safe?" Grand Rounds, Visiting Professor, Abington Memorial Hospital, February 12, 2015, Abington, PA.

"Is the Surgeon Safe?" Grand Rounds, Visiting Professor, Oregon Health & Science University, March 16, 2015, Portland, OR.

Richard Heitmiller Lectureship in Surgery "Is the Surgeon Safe?" Grand Rounds, Visiting Professor, MedStar Union Memorial Hospital, November 6, 2015, Baltimore, MD.

"Is the Surgeon Safe?" Grand Rounds, Visiting Professor, Cleveland Clinic, January 27, 2016, Cleveland, OH.

"When Surgeons Serve." Grand Rounds Visiting Professor, Cleveland Clinic, January 27, 2016, Cleveland, OH.

"Is the Surgeon Safe?" Grand Rounds, Visiting Professor, University of Massachusetts Medical School, April 19, 2017, Worcester, MA.

#### **Abstracts, (Book Reviews and Discussion after Papers)**

Park A, Towner RA, Langer JC: Diagnosis of Intestinal Ischemia in the Rat Using Double Contrast Magnetic Resonance Imaging (MRI). **Society for Surgery of the Alimentary Tract**, May 19-22, 1991; New Orleans, Louisiana.

Park A, Towner RA, Langer JC: Diagnosis of Persistent Intestinal Ischemia in the Rabbit Using Magnetic Resonance Imaging (MRI). **Surgical Section of American Academy of Pediatrics**, October 10-11, 1992; San Francisco, California.

Park A, Gagner M, Pomp A: Laparoscopic Splenectomy: Superiority of the Lateral Approach. Canadian Society of Laparoscopic and Endoscopic Surgery, September 8-9, 1993; Vancouver, British Columbia.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. Canadian Society of Laparoscopic and Endoscopic Surgery, September 8-9, 1993; Vancouver, British Columbia.

Park A, Gagner M: Laparoscopic Duodena Pancreatectomy. **3rd G.I. Tract Laparoscopic Surgery International Meeting,** September 9-10, 1993; Liege, Belgium.

Park A, Gagner M, Pomp A: Splenectomie par laparoscopic: Approach Lateral. **Reunion Scientifique Department de Chirurgie** (Hotel-Dieu de Montreal), September 30, 1993; Montreal, Quebec.

Park A, The Role of Surgery Residents in Undergraduate Surgical Education. **Undergraduate Education in Surgery in the Year 2000,** October 28-30, 1993; Niagara- on-the-Lake, Ontario.

Park A, Gagner M, Pomp A: The Lateral Approach to Laparoscopic Splenectomy. **Society of American Gastrointestinal Endoscopic Surgeons,** April 18-19, 1994; Nashville, Tennessee.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. **Society of American Gastrointestinal Endoscopic Surgeons,** April 18-19, 1994; Nashville, Tennessee.

Park A, Gagner M, Pomp A: Laparoscopic Repair of Large Incisional Hernias: Preliminary Results. **Society of American Gastrointestinal Endoscopic Surgeons,** April 18-19, 1994; Nashville, Tennessee.

Park A, The Lateral Approach for Laparoscopic Splenectomy - Ongoing Experience. International College of Surgeons Canada. **Symposium on Minimal Access Surgery,** July 1- 3, 1994; Montreal, Quebec.

Park A, Laparoscopic Repair of Large Incisional Hernia - Ongoing Experience. International College of Surgeons Canada. **Symposium on Minimal Access Surgery,** July 1- 3, 1994; Montreal, Quebec.

Gagner M, <u>Park A</u>, Pomp A: Laparoscopic Repair of Large Incisional Hernia. **American College of Surgery**, October 4-9, 1994; Chicago, Illinois.

Gagner M, <u>Park A</u>, Pomp A: Laparoscopic Splenectomy by the Lateral Approach. **American College of Surgery**, October 4-9, 1994; Chicago, Illinois.

Gagner M, Pomp A, <u>Park A</u>: Laparoscopic Splenectomy Using the Lateral Approach. Film Program, Highlights from 1994 Clinical Congress. **American College of Surgery**, April 30- May 3, 1995; Boston, Massachusetts.

Park A, Gagner M, Pomp A: Laparoscopic Splenectomy by Lateral Approach - Ongoing Experience. **Society for Surgery of the Alimentary Tract,** May 15-17, 1995; San Diego, California.

Park A, Common Bile Duct Surgery in the Laparoscopic Era. **International Congress on Endoscopic Surgery**, May 16-18, 1995; Moscow, Russia.

Park A, Laparoscopic Splenectomy. Clinical Seminars in Advanced Techniques in Laparoscopic Surgery, May 19, 1995; Moscow, Russia.

Park A, Laparoscopic Repair of Incisional Hernias. Clinical Seminars in Advanced Techniques in Laparoscopic Surgery, May 19, 1995; Moscow, Russia.

Park A, Laparoscopic Adrenalectomy. Clinical Seminars in Advanced Techniques in Laparoscopic Surgery, May 19, 1995; Moscow, Russia.

Fitzgerald P, Langer J, Cameron B, <u>Park A</u>, Marcaccio M, Walton M, Skinner M: Initial Experience with the Lateral Approach for Laparoscopic Splenectomy in the Pediatric Age Group. **Canadian Association of Pediatric Surgeons**, September 2-4, 1995; Montreal, Quebec.

Park A, Ongoing Experience with Laparoscopic Splenectomy by the Lateral Approach. **Advances in Endoscopic Surgery,** September 6-7, 1995; St. Petersburg, Russia.

Park A, Gagner M, Pomp A: Laparoscopic Incisional Hernia Repair - Ongoing Experience. **Royal College of Physicians and Surgeons of Canada,** September 13-18, 1995; Montreal, Quebec.

Breten G, Pomp A, Gagner M, <u>Park A</u>: Splenectomy in the right lateral decubitus position does not require embolization. **Royal College of Physicians and Surgeons of Canada**, September 13-18, 1995; Montreal, Quebec.

Park A, The Hamilton Experience with Laparoscopic Splenectomy. **Advances in Diagnosis and Treatment of Splenic Disorders**, February 9, 1996; Los Angeles, California.

Park A, Marcaccio M, Fitzgerald P, Paterson C: Superiority of the Lateral Approach to Laparoscopic Splenectomy Over Open Splenectomy. **5th World Congress of Endoscopic Surgery**, March 13-17, 1996; Philadelphia, Pennsylvania.

Park A. Laparoscopic Inguinal Hernia Repair - Indications and Options. **European Institute for Telesurgery Seminar**, June 10-14, 1996; Strasbourg, France.

Park A, Laparoscopic CBD Surgery and Complications. **European Institute of Telesurgery Seminar.** June 10-14, 1996; Strasbourg, France.

Park A, Laparoscopic Incisional Herniorrhaphy - an Overview. **European Institute for Telesurgery Seminar**, June 10-14, 1996; Strasbourg, France.

Park A, Laparoscopic Splenectomy - an Overview. **European Institute for Telesurgery Seminar**, June 10-14, 1996; Strasbourg, France.

Dath D, <u>Park A</u>: Prospective Randomized Control Trial to Evaluate the Use of Bupivacaine in Laparoscopic Cholecystectomy Port Sites. **Royal College of Physicians and Surgeons of Canada**, September 25-29,1996; Halifax, Nova Scotia.

Park A, The Lateral Approach to Laparoscopic Splenectomy is Superior to Open Splenectomy. **Endoscopic and Laparoscopic Surgeons of Asia-Thailand - Endosurgery Congress,** October 27-30, 1996; Hua Hin, Thailand.

Park A, Laparoscopic Incisional and Ventral Hernia Repair. **Endoscopic and Laparoscopic Surgeons of Asia-Thailand - Endosurgery Congress,** October 27-30, 1996; Hua Hin, Thailand.

Park A: The Superiority of Laparoscopic Over Open Splenectomy. **Second Egyptian International Congress on Laparoscopic Surgery**, November 18-21, 1996; Cairo, Egypt.

Miller J, <u>Park A</u>: Laparoscopic Repair of Intercostal Hernia. **American College of Chest Physicians,** December 4-7, 1996; Puerto Rico.

Toy FK, Bailey RW, Carey S, Smoot RT, Flowers JL, Gagner M, Josephs LG, <u>Park A</u>, Pomp A, Uddo JF, Voeller G: Multicenter Prospective Study of Laparoscopic Ventral Hernioplasty: Preliminary Results. **Society of American Gastrointestinal Endoscopic Surgeons**, March 21-22, 1997; San Diego, California.

Thomas A, Birch DW, <u>Park A</u>, Veltrie K, Shuhaibar H: The Use of Ultrasonic Dissection in Laparoscopic Harvesting of a Canine Jejunal Free Flap. **Groupe pour l'Avancement de la Micochirurgie Canada**, May 21, 1997; Calgary, Alberta.

Park A, Chirurgie coelioscopique du pancreas - indication et limites. **Congres International de coeliochirurgie de Tunis**, May 27-29, 1997; Tunisia.

Park A, Splenectomie coelioscopique. **Congres International de Coeliochirurgie de Tunis**, May 27-29, 1997; Tunisia.

Park A, The Role of Ultrasonic Dissection in advanced Laparoscopic Surgery. **Congres International de Coeliochirurgie de Tunis**, Tunisia, May 27-29, 1997.

Birch AW, <u>Park A</u> Thomas Veltrik, Shuhaibar H, Daniel E: The Laparoscopic Harvest of a Free Jejunal Autograft in a Canine Model Using the Laparoscopic Coagulating Shears. **Royal College of Physicians and Surgeons of Canada**, Sept. 25-28, 1997; Vancouver, B.C.

Park A, Marcaccio M. Fitzgerald P. Steinbach M: Laparoscopic versus open Splenectomy-the Hamilton Experience. **Royal College of Physicians and Surgeons of Canada**, Sept 25-28, 1997; Vancouver, B.C.

Park A, Endoscopic Stapler Use In Solid Organ Laparoscopic Surgery. Advances in Laparoscopic Surgery. Oct 8-10, 1997; St. Petersberg, Russia.

Park A. Applications of Laparoscopy in Surgery of the Pancreas. L'Institut de Recherche Contre Cancers De l'Appareil Digestif. Nov 7-8, 1997, Strasbourg, France.

Park A, Marcaccio M, Fitzgerald P., Advantages of Laparoscopic Over Open Splenectomy. L'Institut de Recherche Contre Les Cancers de l'Appareil Digestif. Nov 7-8, 1997 Strasbourg, France

Thomas A, Birch DW, <u>Park A.</u>, Veltrie K, Shuhaibar H: Laparoscopic Harvest of a Canine Jejunum Free Flap with Microvascular Reimplantation using the Harmonic Scalpel. **Eastern Great Lakes Head and Neck Association 21st Annual Meeting.** Nov. 15, 1997 Amherst, N.Y.

Park A, Birch DW: Incisional Herniorrhaphy: Advantages of the Laparoscopic Approach: **Central Surgical Association**. March 5-7, 1998; Dearborn, MI

Figert P, <u>Park A</u>, Witzke D, Schwartz R: An Element Systematic, Objective Laparoscopic Training Module. **Association for Surgical Education**. April 22-25, 1998; Vancouver, B.C.

Park, A, Advanced Laparoscopy of the Retroperitoneum and Spleen: New Anatomic Perspectives. **American Association of Clinical Anatomists**. June 10-12, 1998; Lexington, KY.

Figert, P, Oremus R, Gellin G, Arden W, <u>Park, A</u>, Kearney P, Ochoa J: L-Arginine Supplementation Does Not Increase Nitric Oxide Production in Mice Subjected to an Exploratory Laparotomy. **American Association of Surgical Trauma**. Sept. 23-25, 1998; Baltimore, MD.

Figert P, Gellin G, Arden W, <u>Park A</u>, Kearney P, Ochoa J: A Possible Explanation For Suppressed Nitric Oxide Production in Trauma Patients. **Surgical Forum**. Oct. 1998; Orlando, FL.

Gagner M, <u>Park A</u>, Pomp A: The Lateral Approach to Laparoscopic Splenectomy (Video Presentation). Laparoscopic Digital Pancreatectomy with Presentation of the Spleen **American College of Surgeons**. Oct. 1998; Orlando, FL.

Park A, Roth S, Witzke D: Laparoscopic Splenectomy Update. **Third Egyptian International and First Arab International Congress of Endoscopic Surgery.** Nov. 23-26, 1998, Cairo, Egypt.

Park A, Laparoscopic Pancreatic Surgery: **Third Egyptian International and First Arab International Congress of Endoscopic Surgery.** Nov. 23-26, 1998, Cairo, Egypt.

Boulanger B, Kearney P, Ochoa J, Tsuei B, Gorczyca J, <u>Park A</u>: Minimally Invasive Fixation of Flail Chest: When and to What End Points? **Society of Critical Care Medicine**. Jan. 24, 1999; San Francisco, CA.

Park A, Roth S: Laparoscopic Incisional Herniorraphy - a 5 year review. **American Hernia Society**. Feb. 22-24, 1999. Las, Vegas, NV.

Dhillon J, <u>Park A</u>: A Comparison of Intraperitoneal Adhesion Formation on Various Prosthetic Materials in a Rabbit Side Wall Hernia Mode. (accepted) to **Society of American Gastrointestinal Endoscopic Surgeons.** March 24-27, 1999. San Antonio, TX.

Figert P, <u>Park A</u>, Witzke D, Schwartz R: Transfer of Learning in Acquiring Laparoscopic Skills. To Society **of American Gastrointestinal Endoscopic Surgeons.** March 24-27, 1999. San Antonio, TX.

Park A, Fitzgerald P, Hebra A, Heniford T: Pediatric Laparoscopic Splenectomy. **Society of American Gastrointestinal Endoscopic Surgeons.** March 24-27, 1999. San Antonio, TX.

Heniford T, <u>Park A</u>: Mini-Laparoscopic Splenectomy. Submitted to **Society of American Gastrointestinal Endoscopic Surgeons** March 24-27, 1999. San Antonio, TX.

Roth S, <u>Park A</u>, Gerwirtz R: Mini-Laparoscopic Assisted Ventrianloperitoneal Shunt Replacement. **Society of American Gastrointestinal Surgeons**. March 24-27, 1999. San Antonio, TX.

Gewirtz R, <u>Park A</u>, Roth S: A New Technique for Laparoscopic Assisted Ventriculoperitoneal Shunt Placement. **American Association of Neurological Surgeons** April 1999; New Orleans, LA.

Voeller G, <u>Park A</u>, Ramshaw R, Heniford T: Laparoscopic Repair of Ventral Hernias: American **College of Surgeons**. Oct. 11-16, 1999; San Francisco, CA.

Birch D, Charash W, Witzke W, Mastrangelo M, Roth S, Witzke D, <u>Park A</u>: Developing a Minimally Invasive Surgery Curriculum. Innovations in Medical Education (**AAMC**) Oct. 23-25, 1999; Washington, D.C.

Birch D, <u>Park A</u>: Fixation of ePTFE Mesh Prosthesis for Incisional Hernia Repair using Tissue Adhesives. **Southeastern Surgical Congress**. Feb 6-8, 2000; Lake Buena Vista, FL.

Park A, Marcaccio M, Mastrangelo M, Birgisson G: Laparoscopic Splenectomy: Outcomes and Lessons Learned From 170 Cases. **Central Surgical Association**. March 2-4, 2000; Chicago, IL.

Charash B, <u>Park A</u>, Shaw M, Knapp C: Multiple Frame Integration Improves Visible Contrast Using Minimally Invasive Surgical Instrumentation. **Central Surgical Association.** March 2-4, 2000; Chicago, IL.

Birgisson G, <u>Park A, Mastrangelo, M: Morbid Obesity and Laparoscopic Repair of Ventral Hernias.</u> **Society of American Gastrointestinal Endoscopic Surgeons.** March 29 - April 1, 2000; Atlanta, GA.

Park A, Charash B, Shaw M, Knapp C: Novel Application of Advanced Real Time Image Processing Techniques to Minimally Invasive Surgery. **Society of American Gastrointestinal Endoscopic Surgeons**. March 29 - April 1, 2000; Atlanta, GA.

Birch D, <u>Park A</u>, Witzke W, Witzke D, Hoskins J: The Development and Implementation of a Computerized Database for Clinical Research in Minimally Invasive Surgery: An International Pilot Study. **Society of American Gastrointestinal Endoscopic Surgeons.** March 29 - April 1, 2000; Atlanta, GA.

Park A, Witzke D, Roth S, Mastrangelo M, Birch D, Jennings CD, Lee E, Hoskins J: New Approaches to Teaching Anatomy and Pathology: The Laparoscopic View for Medical Students. **Society of American Gastrointestinal Endoscopic Surgeons.** March 29 - April 1, 2000; Atlanta, GA.

Park A, Heniford T: Therapeutic Laparoscopy of the Pancreas. **Society of American Gastrointestinal Endoscopic Surgeons.** March 29 - April 1, 2000; Atlanta, GA.

Park A, Heniford T, Mastrangelo M: Therapeutic Laparoscopy of the Pancreas. **Society of American Gastrointestinal Endoscopic Surgeons.** March 29 - April 1, 2000; Atlanta, GA.

Witzke D, Donnelly M, Birgisson G, Mastrangelo M, Birch D, Charash W, <u>Park A</u>: Determining Surgical Residents Minimally Invasive Surgery Core Training Requirements: A Pilot Study. **Association for Surgical Education**. April 2000; Toronto, Ontario.

Witzke D, <u>Park A</u>, Birgisson G, Mastrangelo M, Roth S, Charash W, Schwartz R, Maley B: Early Exposure to Laparoscopic Anatomy for First Year Medical Students. **Association for Surgical Education**. April 2000; Toronto, ON.

Bosch A, Birgisson G, <u>Park A</u>, Nickl N: Pneumatic Dilattron vs Surgical Management of Achalasia - A Decision Analysis. **Society for Surgery of the Alimentary Tract**. May 21-24, 2000; San Diego, CA.

Mastrangelo M, Hoskins J, Birgisson G, Witzke W, Witzke D, <u>Park A:</u> Laparoscopic Operative Setup Training and Evaluation: A Virtual Reality Approach at the University of Kentucky College of Medicine. **Slice of Life 2000. Computers in Healthcare Education Symposium.** June 22-24, 2000; Salt Lake City, UT.

Hoskins J, Gregory W, Witzke D, Henninger J, Witzke W, <u>Park A</u>: Investigation of an Improved Device for Haptic Feedback in a Minimally Invasive Surgery (MIS) Simulator. Smart Systems 2000: **International Conference for Smart Systems and Robotics in Medicine and Space Applications**. September 6-8, 2000; Houston, TX.

Donnelly M, Witzke D., Mastrangelo M, Birch D, <u>Park A:</u> Defining Laparoscopic Skills by Pooling Judgments of MIS Surgeons: Results of A Pilot Study. **Association of American Medical Colleges**. November 15, 2000. Chicago, IL.

Mastrangelo M, Roth S, Schwartz R, <u>Park A</u>: Laparoscopic Reversal of a Jejunoileal Bypass. The Ninth International Meeting of Laparoendoscopic Surgeons: **Endo Expo 2000.** December 6-9, 2000; Orlando, FL.

Mastrangelo M, Nickl N, Birgisson G, <u>Park A</u>: Minimally Invasive Excision of Benign Submucosed Foregut Tumors. The Ninth International Meeting of Laparoendoscopic Surgeons. **Endo Expo 2000.** December 6-9, 2000; Orlando, FL.

Witzke D, Hoskins J, Mastrangelo M, Witzke W, Chu Y, Pande S, <u>Park A</u>: Immersive Virtual Reality Used as A Platform for Perioperative Training for Surgical Residents. **MMVR.** January 23-26, 2001; Newport Beach, CA.

Mastrangelo M, Hoskins J, Witzke W, Munch L, Johnston T, <u>Park A</u>: Using Immersive VR as a Tool for Preoperative Planning for Minimally Invasive Donor Nephrectomy. **MMVR.** January 23-26, 2001; Newport Beach, CA.

Heniford T, <u>Park A</u>, Walsh R, Kercher K, Matthews B, Frenette G, Sing R: Laparoscopic Splenectomy in Patients with Normal Size Spleens vs Severe Splenomegally: Does Size Matter? **Southeastern Surgical Congress**. February 1-3, 2001; New Orleans, LA.

Chu U, Mastrangelo M, Gandsas A, <u>Park A</u>: A 10 Year Experience with Foregut Strand Tumours. **American College of Surgeons** (Kentucky Chapter). February 16, 2001; Louisville, KY.

Park A, Charash W, Shaw M: Improvement in the Laparoscopic View Using Histogram Equalization. **Society of Gastrointestinal Endoscopic Surgeons.** April 18-21, 2001; St. Louis, MO.

Charash W, Shaw M, <u>Park A</u>: Multiple Frame Integration Improves Visible Contrast Using Minimally Invasive Surgical Instrumentation. **Society of Gastrointestinal Endoscopic Surgeons.** April 18-21, 2001; St. Louis, MO.

Donnelly M, Witzke D, Mastrangelo M, <u>Park A</u>: The Educational Implications of the Importance of Clinical Judgement in Performing Laparoscopic Skills. **Society of Gastrointestinal Endoscopic Surgeons.** April 18-21, 2001; St. Louis, MO.

Chu U, <u>Park A</u>, Witzke D, Donnelly M, Mastrangelo M: Number of Minimally Invasive Surgery (MIS) Cases Required for Competency. **Society of Gastrointestinal Endoscopic Surgeons.** April 18-21, 2001; St. Louis, MO.

Heniford T, Matthews B, Kercher K, Siy R, <u>Park A</u>: Laparoscopic Adrenalectomy for Pheochromocytoma. **Society of Gastrointestinal Endoscopic Surgeons**. April 18-21, 2001; St. Louis, MO

Park A, Witzke D, Mastrangelo M, Donnelly M: American Surgical Residency Programs Are Not Meeting Current nor Anticipated Minimally Invasive Surgery (MIS) Training Needs. **Society for Surgery of the Alimentary Tract**. May 20-23, 2001; Atlanta, GA

Park A, Chu U, Mastrangelo M, Gandsas A: Laparoscopic Incisional Herniorrhaphy With Suture Fixation – A Mandatory Step. **American Hernia Society**. May 24 – 26, 2001; New Orleans, Louisiana.

Kercher K, <u>Park A</u>, Walsh R, Matthews B, Heniford B: Laparoscopic splenectomy for normal-sized spleens versus severe splenomegaly: does size matter? **World Congress of Surgery/International Surgery Week**. August 26-30, 2001; Brussels, Belgium.

Chu U, <u>Park A</u>: Laparoscopic Distal Pancreatectomy with Preservation of the Spleen (video). **American College of Surgeons**. October 8-11, 2001; New Orleans, Louisiana.

Heniford B.T., Kercher K, Voeller G, Matthews B, Sin R., Greene F, <u>Park A</u>. Optimal Teaching Environment for Laparoscopic Ventral Herniorrhaphy. **American College of Surgeons**, October 2001; New Orleans, LA.

Kercher K, Matthews B, Litwin D, Novitsky Y, <u>Park A</u>., Heniford T: Safety and Efficacy of Laparoscopic Adrenalectomy for Pheochromocytana. **Southern Medical Association.** Nov. 2001.

Gandsas A, McIntire K, <u>Park A</u>: Streaming Video as a Tool to Enhance Surgical Education. **Society of Laparoendoscopic Surgeons**. December 5-8, 2001; NY, NY.

Mastrangelo M, Stich J, Hoskins J, Witzke W, George I, Garrison J, Nicholls M, <u>Park A</u>: Advancements in Immersive VR as a Tool for Preoperative Planning for Laparoscopic Surgery. **Medicine Meets Virtual Reality**. January 23-26 2002; Newport Beach, CA.

George I, Mastrangelo M, Hoskins J, Witzke W, Stich J, Garrison J, Witzke D, Nicholls M, <u>Park A</u>: Using Semi-automated Image Processing and Desktop systems to Incorporate Actual Patient Volumetric Data Immersive Surgical Planning and Viewing Systems for Multiple Patients. **Medicine Meets Virtual Reality**. January 23-26 2002; Newport Beach, CA.

Gandsas A, McIntire K, George I, Witzke W, Hoskins J, <u>Park A</u>: Wireless Live Streaming Video of Laparoscopic Surgery: A Bandwidth Analysis for Hand Held Computers. **Medicine Meets Virtual Reality**. January 23-26 2002; Newport Beach, CA.

Park A, Birgisson G, Knapp C, Chu U: Novel Gastrointestinal Anastomotic Developed for Laparoscopic or Endoluminal Deployment-A Pilot Study. **8**<sup>th</sup> **World Congress of Endoscopic Surgery**. March 13-16, 2002; New York, NY

Shaw M, <u>Park A</u>: Applications of Digital Imaging Processing to Laparoscopic Surgery. **8th World Congress of Endoscopic Surgery.** March 13-16 2002; New York, NY.

Chu U, Adrales G, Hoskins J, Witzke D, Donnelly M, Mastrangelo M, Gandsas A, Park A: Evaluating Minimally Invasive Surgery (MIS) Training using Low Cost Mechanical Simulations: Agreement Among Surgeon Ratings. **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Adrales G, Pollinger H, Matthews B, Kercher K, Mastrangelo M, Heniford B, <u>Park A</u>: The Applicability and Outcome of Laparoscopic Gastric Resection. **8**<sup>th</sup> **World Congress of Endoscopic Surgery**. March 13-16, 2002; New York, NY. Abstract. Gastroenterology. 2002 Jul; 123 (1 suppl): 1-90.

Park A, Chu U, Adrales G: Laparoscopic Pancreatic Cystgastrostomy via the Lesser Sac Approach. **American College of Surgeons**. March 2002; New York, NY (video).

Adrales G, Gandsas A, Beals D, Draper K, George I, <u>Park A</u>: Laparoscopic Ladd's Procedure in Two Adults: Malrotation and the Minimally Invasive Approach. (video) **American College of Surgeons**. March 2002; New York, NY.

Quick N, Gillette J, Gerlach D, Shapiro R, Adrales G, <u>Park A</u>: Muscle Activation Patterns During Open and Laparoscopic Surgical Procedures Using a Porcine Model: A Preliminary Study. **American College of Surgeons.** March 2002; New York, NY

Matthews B, Boi H, Harold K, Kercher K, Adrales G, <u>Park A</u>, Sing R, Heniford B: Laparoscopic Repair of Traumatic Diaphragmatic Injuries. **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Quick N, Gillette J, Shapiro R, Adrales G, <u>Park A</u>: The Effect of Using Various Laparoscopic Instruments on Muscle Activation Patterns during Minimally Invasive Surgical Training Procedures. **8**<sup>th</sup> **World Congress of Endoscopic Surgery**. March 13-16, 2002; New York, NY.

Adrales G, Chu U, Donnelly M, Witzke D, Hoskins J, Mastrangelo M, Gandsas A, Park A: Determinants of Competency Judgments by Experienced Laparoscopic Surgeons. 8<sup>th</sup> World Congress of Endoscopic Surgery. March 13-16, 2002; New York, NY.

Gillette J, Quick N, Adrales G, Shapiro R, <u>Park A</u>: Changes in Postural Mechanics Associated with Different Types of Minimally Invasive Surgical Training Exercises. **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March13-16, 2002; New York, NY.

Gandsas A, McIntire K, George I, Witzke W, <u>Park A</u>: First Wireless Broadcast of Laparoscopic Surgery to a Hand Held Computer. **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Gandsas A, McIntire K, Palli G, <u>Park A</u>: Live Streaming Video for Surgical Education. **8<sup>th</sup> World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Donnelly M, Witzke D, Mastrangelo M, <u>Park A</u>: The Involvement of Perceptual Motor Factors in the Performance of Minimally Invasive Surgical (MIS) Skills. **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Mastrangelo M, Adrales G, George I, Stich J, Hoskins J, Witzke W, <u>Park A</u>: Enhanced Preoperative Planning for Laparoscopic Donor Nephrectomy Via 3-D Image Processing. (video) **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Adrales G, Weiss C, <u>Park A</u>: Laparoscopic Primary Repair of a Hernia of the Foramen of Morgagni (video) **8**<sup>th</sup> **World Congress of Endoscopic Surgery.** March 13-16, 2002; New York, NY.

Matthews B, Bui H, Harold K, Kercher K, Adrales G, <u>Park A</u>, Sing R, Heniford B: Laparoscopic repair of traumatic diaphragmatic injuries. **Society of American Gastrointestinal Endoscopic Surgeons**. March 14-16, 2002.

Adrales G, Witzke D, Donnelly M, <u>Park A</u>: Determination of Competence as a Function of Expert Surgeon Judgement and Technical Performance. **Association for Surgical Education.** April 2002.

Witzke D, Adrales G, Donnelly M, <u>Park A</u>: The Relationship of Psychomotor Ability to MIS Technical Skills Performance. **Association for Surgical Education.** April 2002.

Park A, Chu U: Laparoscopic Distal Pancreatectomy (video). **The American College of Surgeons**. Spring Meeting. April 2002.

Adrales G, Chu U, Witzke D, Donnelly M, Hoskins J, Mastrangelo M, Gandsas A, <u>Park A</u>: Differences in Activation Patterns During Minimally Invasive Surgical Training Procedures Using Three Different Grasper Designs. **Kentucky Medical Association Meeting**. April 11-13, 2002 (accepted); Louisville, KY.

Park A, Heniford T, Ramshaw B, Voeller G: Laparoscopic Ventral Hernia Repair: Experience over 9 years and 850 cases. **American Surgical Association 123<sup>rd</sup> Annual Meeting**. April 24-26, 2003; Washington, DC.

Adrales G, Pollinger H, Kercher K, Mastrangelo M, Heniford T, Park A: The Applicability and Outcome of Laparoscopic Gastric Resection. **Society for Surgery of the Alimentary Tract/DDW.** May 19-22, 2002 (accepted); San Francisco, CA.

Adrales G, Chu U, Witzke D, Donnelly M, Hoskins J, Mastrangelo M, Gandsas A, <u>Park A</u>. Assessment of Competence Using Laparoscopic Simulations: A Valid Method of Training and Evaluation. **Association for Academic Surgery,** 36<sup>th</sup> Annual Meeting, May 2002; Boston, MA.

Gillette J, Quick N, Adrales G, Shapiro R, <u>Park A</u>: Postural Comparison of Minimally Invasive and Open Surgery on a Cadaveric Porcine Model. **Society for Surgery of the Alimentary Tract/DDW**. May 19-22, 2002; San Francisco, CA. Abstract. Gastroenterology. 2002 Jul; 123(1 Suppl):1-90

Park A, Chu U, Mastrangelo M, Witzke D: Laparoscopic Repair of Recurrent Ventral Hernia. **23**<sup>rd</sup> **International Hernia Congress.** June 21-23, 2001; Milan, Italy. 2002 June.

Quick N, Gillette J, Adrales G, Shapiro R, <u>Park A</u>: A Surgeon's Upper Extremity Muscle Activation Patterns During a Bowel Inspection Under Three Different Surgical Conditions. **Society for Surgery of the Alimentary Tract/DDW**. May 19-22, 2002; San Francisco, CA. Abstract. Gastroenterology. 2002 Jul; 123(1 Suppl):1-90.

George I, Mastrangelo M, Witzke W, Stich J, <u>Park A</u>: The Transmission of Actual Patient Data from a Remote Location to an Operating Room with Real-time Collaboration and Image Control. **SMIT**, September 5-7, 2002; Oslo, Norway.

Mastrangelo M, George I, Witzke W, Stich J, Hoskins J, Nicholas M, Vyas A, Matthews D, Kwolek C, Herman J, <u>Park A</u>: Minimally Invasive Surgery Stereoscopic Grand Rounds: Improving the Utility of Medical Imaging for Educational, Clinical and Research Applications via Augmented and Virtual Reality. **SMIT**, September 5-7, 2002; Oslo, Norway.

Weiss C, <u>Park A</u>, Witzke D, Schwartz R: Utilization Analysis of Laparoscopic Cholecystectomy: Potential Savings from Cost Conscious Equipment Selection. **American College of Surgeons**. October 2002; San Francisco, CA.

Mastrangelo M, Adrales G, George I, Witzke W, Plymale M, Witzke D, Donnelly M, Stich J, Hoskins J, Nichols M, <u>Park A</u>: Inclusion of 3-D Computed Tomography Rendering and Immersive VR in a Third Year Medical Student Surgery Curriculum. **MMVR** January 22-25, 2003; Newport Beach, CA.

Adrales G, Harris J, Weiss C, Chu U, Park A, Laparoscopic Cystgastrostomy via the Lesser Sac Approach. Invited Poster Presentation. **Southeastern Surgical Congress**. February 2003; Savannah, GA.

GL Adrales, MD, A Gandsas, MD, D Beales, MD, K Draper, MD, IM George, BS, AE Park, MD. Laparoscopic Ladd's Procedure in Two Adults: Malrotation and the Minimally Invasive Approach. Invited Poster Presentation. **Southeastern Surgical Congress**. February 2003; Savannah, GA.

Mastrangelo M, Munch L, Johnston T, Reddy K, Khan T, Lucas B, <u>Park A, Ranjan D:</u> Developing a Laparoscopic Donor Nephrectomy Program: A Four-Year Experience. **Society of American Gastrointestinal Endoscopic Surgeons**. March 12-15, 2003; Los Angeles, CA.

Kalady M, Pinheiro J, Lagoo S, McKinlay R, <u>Park A</u>, Eubanks S: Laparoscopic Adrenalectomy for Pheochromocytoma: Similarities and Differences Compared to Aldosteronoma and Incidentaloma. **Society of American Gastrointestinal Endoscopic Surgeons**. March 12-15, 2003; Los Angeles, CA.

McKinlay R, Shaw M, Witzke D, <u>Park A</u>: Real-Time Digital Measurements in Laparoscopic Surgery. **Society of American Gastrointestinal Endoscopic Surgeons**. March 12-15, 2003; Los Angeles, CA.

Gandsas A, Carter T, Adrales G, <u>Park A</u>: The University of Kentucky Bariatric Surgery Program: early experience. **Kentucky Chapter American College of Surgeons**. April 18, 2003; Lexington, Kentucky.

Park A, Heniford B, Ramshaw B, Voeller G: Laparoscopic Ventral Hernia Repair: Experience over 9 years and 850 cases. **American Surgical Association**. 123<sup>rd</sup> Annual Meeting. April 24-26, 2003; Washington, DC.

Donnelly M, Adrales G, Witzke D, Chu U, Hoskins J, Mastrangelo M, Gandsas A, <u>Park A:</u> Scaling Procedural Competence on Three Laparoscopic Simulations. **The Association for Surgical Education**. May 6-8, 2003; Vancouver, British Columbia, Canada. (poster presentation).

McKinlay R, Adrales G, Witzke D, Donnelly M, Hoskins J, Chu U, Mastrangelo M, Gandsas A, <u>Park A</u>: The Role of Perceptual Motor Skills, Technical Errors, and Task Speed as Determined by Non-Physician Measures in Minimally Invasive Surgical Skill Evaluation. **The Association for Surgical Education**. May 6-8, 2003; Vancouver, British Columbia, Canada.

McKinlay RD, Adrales GL, Witzke DB, Mastrangelo MJ, <u>Park AE</u>. Recurrences following laparoscopic ventral hernia repair. 2003; Poster presentation at **Digestive Disease Week (DDW)**, May 17-23, 2003, Orlando, FL.

Gandsas A, Carter T, Adrales G, McKinlay, <u>Park A</u>: Laparoscopic Gastric Bypass, Intraoperative Complications during the Creation of the Roux Limb (video). **American Society for Bariatric Surgery**. June 17-22, 2003; Boston, Massachusetts.

Gandsas A, Carter T, Adrales G, McKinlay R, <u>Park A</u>: Laparoscopic Gastric Bypass: How to stay out of trouble. Video submission to **American College of Surgeons 2003 Clinical Congress**. October 29-23, 2003; Chicago, IL.

Maley B, Mastrangelo M, Witzke D, George I, Hoskins J, McKinlay R, Stich J, Evans T, Rice L, <u>Park A</u>: Investigation of the computerized volumetric analysis system (CVAS): A modality for teaching computed tomography-based anatomy to first year medical students. **AAMC. 47th Annual Research in Medical Education (RIME) Conference**. November 7-12, 2003; Washington, DC.

Seales B, Caban J, <u>Park A</u>: Reconstruction and Enhancement in Monocular Laparoscopic Imagery. **Medicine Meets Virtual Reality (MMVR)**. January 14-17, 2004; Newport Beach, CA.

Park A, Adrales G, McKinlay R, Knapp C: A Novel Intestinal Anastomosis Device in a Porcine Model. **Southeastern Surgical Congress**. January 31-February 3, 2004; Atlanta, Georgia.

<u>Park A</u>: Laparoscopic ventral hernia repair in obese patients. **American Hernia Society**. February 26-28, 2004. Orlando, FL.

Heniford T, Kercher K, Ramshaw B, Matthews B, Sing R, Carbonell A, Voeller G, <u>Park A</u>: Optimal teaching environment for laparoscopic ventral herniorrhaphy. **Society of American Gastrointestinal Endoscopic Surgeons**. March 31- April 3, 2004; Denver, CO.

Dunkle-Blatter S, McKinlay R, <u>Park A</u>: Indication-based outcomes of laparoscopic surgery for crohn's disease. **Society of American Gastrointestinal Endoscopic Surgeons**. March 31 – April 3, 2004; Denver, CO.

Park A: Research in Minimally Invasive Surgery. **ELSA Regional Meeting & 4**<sup>th</sup> **World Gasless Conference**. September 26-29, 2004; Nusa Dua, Bali.

McKinlay R, Park A, Dunkle-Blatter S, George I, Mastrangelo M: The use of 3-D reconstruction in difficult foregut surgery: a novel technique providing anatomical delineation with clinical application. **The Society of Laparoendoscopic Surgeons**. September 29 - October 2, 2004; New York, NY (video).

Kolata R, Long P, Freeman L, <u>Park A</u>: Feasibility Studies of Nitinol Anastomotic Device. **American College of Surgeons**. (Poster) October 10-14, 2004; New Orleans, LA.

Mastrangelo M, George I, Bumgardner C, Mylniec P, Bellinghausen J, <u>Park A</u>, Sheetz M: Immersive Real-Time Tele-Collaboration of Complex Volumetric Medical Imaging for Surgical Planning. **Radiological Society of North America.** 9<sup>th</sup> **Scientific Assembly and Annual Meeting.** November 28 – December 3, 2004; Chicago, Illinois.

Heniford T, <u>Park A</u>, Cobb W, Matthews B Novisky Y, Kercher K: Laparoscopic Curative Resection Of Pheochromocytoma. **Southern Surgical Association.** December 5-8, 2004; Palm Beach, Florida.

Caban J, Seales B, <u>Park A</u>: Heterogeneous Displays for Surgery and Surgical Simulation. **Medicine Meets Virtual Reality**. (Poster) January 26-29, 2005; Long Beach, CA.

Turner P, Roth S, Kavic S, Segan R, George I, <u>Park A</u>: Technical Skill Units: A Novel Approach to Simulation-based Minimally-invasive Surgery Training. **The Association for Surgical Education**. March 29-April 2, 2005; New York City, NY.

George I, Turner P, Segan R, Kavic S, Mastrangelo M, <u>Park A</u>: 3-Dimensional Modeling based on Computed Tomography (CT) Data for Evaluation and Preoperative Planning in Adrenalectomy: Surgically-Relevant Imaging. **American Association of Endocrine Surgeons**. April 3-5, 2005; Cancun, Mexico.

Kavic S, <u>Park A</u>: Laparoscopic Splenectomy in the Elderly – A Morbid Procedure? **Society of American Gastrointestinal Endoscopic Surgeons**. April 13-16, 2005; Ft. Lauderdale, Florida.

Kavic S, Segan R, Turner P, S Roth, George I, <u>Park A</u>: Repair of a Complex Foregut Hernia Aided by Novel Three-Dimensional Surgical Reconstruction. **Society of American Gastrointestinal Endoscopic Surgeons**. April 13-16, 2005; Ft. Lauderdale, Florida. (Poster)

Segan R, Kavic S, George I, Turner P, <u>Park A</u>: A Novel Conceptual Model of the Current Surgical Classification of Paraesophageal Hernias Using Dynamic Three-Dimensional Reconstruction. **Society of American Gastrointestinal Endoscopic Surgeons**. April 13-16, 2005; Ft. Lauderdale, Florida.

Guzzo J, Bochicchio G, Haan J, Johnson S, <u>Park A</u>, Scalea T: Percutaneous Endoscopic Gastrostomy in the Complicated Obese Patient can be Performed Safely. **Society of American Gastrointestinal Endoscopic Surgeons**. April 13-16, 2005; Ft. Lauderdale, Florida.

<u>Park A</u>, Kavic S, Kolata R, Freeman L, Long P: Use of a Novel Gastrointestinal Anastomotic Device in an Animal Model (Poster). **Digestive Disease Week**. May 14-19, 2005; Chicago, IL.

Kavic S, Segan R, George I, Turner P, <u>Park A</u>: A Novel, Comprehensive Model of Paraesophageal Hernias (Poster). **Digestive Disease Week**. May 14-19, 2005; Chicago, IL.

<u>Park A</u>, Kolata R, Freeman L, Long P, Kavic S: A Novel Method for the Creation of Gastrointestinal Anastomosis: Application of a New Device in an Animal Model. **22**<sup>nd</sup> **Annual Meeting American Society for Bariatric Surgery**. June 26-July 1, 2005; Orlando, Florida. Abstract. Surgery for Obesity and Related Diseases. May-June 2005; 3(1):239.

Park A, George I, Kavic S: Thoracoabdominal Incisional Hernia (video & abstract). **American College of Surgeons**. October 16-20, 2005; San Francisco, CA

Donnelly M, Witzke D, Hoskins J, Adrales G, Chu U, Mentzer R, Gagliardi, <u>Park A</u>: Representing Judgments of Competence on Three Laparoscopic Simulations. **44th Annual Research in Medical Education Conference**. November 4-9, 2005; Washington, DC.

Heniford BT, Zerey M, Ramshaw BJ, Sing RF, <u>Park A</u>, Kercher KW: Optimal Teaching Environment for Laparoscopic Ventral Herniorrhaphy. **Association for Academic Surgery**. February 7-10, 2006; San Diego, CA.

Zerey M, Kercher KW, Ramshaw BJ, Sing RF, Voeller G, <u>Park A</u>, Heniford BT: Does a One Day Course Influence Surgeon Adoption of Laparoscopic Ventral herniorrhaphy? **Association for Academic Surgery**. February 7-10, 2006; San Diego, CA.

Shekhar R, Dandekar O, Weiner M, Mezrich R, <u>Park A</u>: Development of Continuous CT-Guided Minimally-Invasive Surgery (Poster). **Biomedical Imaging Research Opportunities Workshop**. February 24-25, 2006; North Bethesda, MD.

Kavic S, <u>Park A</u>: Laparoscopic Wedge Resection of Ectopic Pancreas in the Stomach Wall: A Case Series. . **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Weiner M, Kavic S, <u>Park A</u>, Roth S: "Ask the Expert" an Internet resource for Surgical Patients. **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Donnelly M, Adrales G, Chu U, <u>Park A</u>: Uncertainty in assessing the competence of residents' performance on three laparoscopic simulations. **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Lee G, Weiner M, Kavic S, George I, Shapiro R, <u>Park A</u>: Postural instability does not necessarily correlate to poor performance; a case in point (Poster). **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Turner P, George I, Mastrangelo M, Kavic S, Park A: 3-Dimensional modeling of computed tomography (CT) data for evaluation and preoperative planning in adrenalectomy: Surgically relevant imaging (Poster). **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Mancini G, McClusky D, Khaitan L, Goldenberg E, Heniford BT, Novitsky Y, <u>Park A</u>, Kavic S, LeBlanc K, Elieson MJ, Voeller G, Ramshaw B: Laparoscopic Parastomal Hernia Repair Using A Non-slit Mesh Technique. **Society of American Gastrointestinal Endoscopic Surgeons**. April 26-29, 2006; Dallas, Texas.

Lee G, Weiner M, Kavic S, George I, <u>Park A</u>: Pilot Study – Correlation Between Postural Stability and Performance Time During Fundamentals of Laparoscopic Surgery (FLS) Tasks (Poster). **2006 Annual Scientific Meeting for the Association of Surgeons of Great Britain and Ireland (ASGBI)**. May 3-5, 2006; Edinburgh.

Lee G, Kavic S, George I, <u>Park A</u>: Joint kinematics vary with performance skills during laparoscopic exercise [fundamentals of laparoscopic surgery (FLS) TASK 1]. (Poster) **Digestive Disease Week 2006**. May 20-25, 2006; Los Angeles, CA.

Clarke D, <u>Park A</u>: Active-RFID System Accuracy and its Implications for Clinical Applications. The 19<sup>th</sup> International Symposium on Computer-Based Medical Systems. June 22-23, 2006; Salt Lake City, Utah.

Lee G, Kavic S, George I, Park A: Analysis of Systematic changes in Posture and Joint Kinematics Demonstrated by Minimally Invasive Surgery (MIS) Surgeons. **Society for Neuroscience.** October 14-18, 2006; Atlanta, GA.

Bernstein W, Moche J, Meyer T, George I, Mastrangelo M, <u>Park A</u>: Virtual 3D Multidisciplinary Anatomic Review of Complex Upper Airway for Pre-Procedural Planning and Clinical Education. **Society for Technology in Anesthesia (STA).** January 17-20, 2007; Orlando FL.

Lee G, Kavic S, George I, Klein R, <u>Park A</u>: MIS Surgical Ergonomics: Future Trends. **The 15th Annual Medicine Meets Virtual Reality Conference**. February 6-9, 2007; Long Beach, CA.

Bernstein W, Caban J, George I, <u>Park A:</u> Registration of 3D Volumes and Echocardiography Images for Training Purposes. **The 15th Annual Medicine Meets Virtual Reality Conference**. February 6-9, 2007; Long Beach, CA.

Bernstein W, Moche J, Meyer T, George I, Mastrangelo M, <u>Park A:</u> 3D Stereoscopic Imaging for Multidisciplinary Pre-Procedural Planning and Training of complex Upper Airway Anatomy. **The 15th Annual Medicine Meets Virtual Reality Conference**. February 6-9, 2007; Long Beach, CA

Caban J, Wood B, <u>Park A</u>: Flexible High-Resolution Display Systems for the Next Generation of Radiology Reading Rooms. **SPIE--The International Society for Optical Engineering, Medical Imaging**. February 17-22, 2007; San Diego, CA

Lee T, George I, Kavic S, <u>Park A</u>: Dynamic Three-Dimensional Reconstruction of Type III Paraesophageal Hernias. **American Hernia Society**. March 7-11, 2007; Hollywood, Florida.

Franco E, Kavic S, Roth S, <u>Park A</u>: Laparoscopic-assisted Ventral Hernia Repair: An Integral Approach to Ventral hernias. **American Hernia Society**. March 7-11, 2007; Hollywood, Florida.

Kavic S, McKinlay R, Lee T, Park A. Unrecognized Enterotomy in Laparoscopic Ventral Hernia Repair: An Animal Model. (Poster). **American Hernia Society**. March 7-11,

<u>Park A</u>, Heniford BT, Kavic SM, Lee TH: Minimally Invasive Surgery: The Evolution of Fellowship. **The Central Surgical Association 2007 Annual Meeting**. March 8-10, 2007; Chicago, IL

Lee G, Dexter D, Lee T, Roth J, Turner P, Kavic S, <u>Park A</u>: Assessment of Table Height Change with laparoscopic Instrument Change. **Society of American Gastrointestinal Endoscopic Surgeons**. April 19-22, 2007; Las Vegas, Nevada.

Park A, Heniford BT, Kavic S, Lee T: Minimally Invasive Surgery Fellowship – A 6<sup>th</sup> Year of Residency. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 19-22, 2007; Las Vegas, Nevada.

Franco E, Park H, Kavic S, Greenwald B, <u>Park A</u>, Roth J: Do Steroids Impact the Morbidity and Mortality of Percutaneous Endoscopic Gastrostomy Tube Placement? **Society of American Gastrointestinal Endoscopic Surgeons**. (Poster) April 19-22, 2007; Las Vegas, Nevada.

Lee G, <u>Park A</u>: Development of a Novel Tool to More Precisely Analyze Postural Stability of Laparoscopic Surgeons. **Society of American Gastrointestinal Endoscopic Surgeons**. (Poster) April 19-22, 2007; Las Vegas, Nevada.

Bernstein W, George I, Brown J, <u>Park A</u>: Understanding Single Lung Isolation in the Era of Minimally Invasive Cardiac Surgery. **Society of Cardiovascular Anesthesiologist 29**<sup>th</sup> **Annual Meeting**. April 21-25, 2007; Montreal, Quebec, Canada.

Fleshman J, Sargent D, Green E, Anvari M, Stryker SJ, Beart RW Jr, Hellinger M, Flanagan R, Peters W, Ota D, Christensen B, Whelan R, Hyder J, Lauter D, Marcello P, Larach S, Wexner S, Stauffer J, Park A, Marks J, Nelson H: Laparoscopic colectomy for cancer is not inferior to open surgery based on 5-year data from the COST Study Group Trial. **American Surgical Association**. April 26-28, 2007; Colorado Springs, CO.

Lee G, Dexter D, Lee T, <u>Park A</u>: Surgical ergonomics: Subtask analysis of joint angles is key to characterizing surgical movement. **Digestive Disease Week.** SSAT Combined Science Poster Session. May 19-24, 2007; Washington, DC.

Franco E, <u>Park A</u>, Park H, Greenwald B, Turner P, Kavic SM, Roth JS. Post-Procedural Percutaneous Endoscopic Gastrostomy Outcomes at a Single Institution. **Digestive Disease Week.** May 19-24, 2007; Washington, DC.

Lee T, Kavic S, Dexter D, Park A: Long-term Follow-up of a Novel Anastomotic Device in a Canine Model. **Digestive Disease Week.** May 19-24, 2007; Washington, DC.

Lee T, Kavic S, George I, Fantry G, <u>Park A</u>: An Approach Towards Classifying Hiatal Hernias. **Digestive Disease Week.** May 19-24, 2007; Washington, DC

Kavic S, <u>Park A</u>: Bioimpedance Techniques Demonstrate No Difference in Fluid Shifts between Laparoscopic and Open Surgery. **Digestive Disease Week.** May 19-24, 2007; Washington, DC.

Catania R, Kavic S, Roth S, Lee T, Meyer T, Fantry G, Castellanos P, <u>Park A</u>. Laparoscopic Nissen Fundoplication Effectively Relieves Symptoms in Patients with Laryngopharyngeal Reflux. **Digestive Disease Week.** (Abstract & Oral Presentation) May 19-24, 2007; Washington, DC.

Larson D, Marcello P, Larach S, Wexner S, <u>Park A</u>, Marks J, Senagore A, Thorson A, Young-Fadok T, Green E, Sargent D, Nelson H: Does surgeon volume affect outcome in the setting of case-specific surgical credentialing? Results from a randomized trial in colon cancer. **American Society of Colon and Rectal Surgeons**. June 2-6, 2007; St. Louis, Missouri.

Moses G, Seagull F, George I, <u>Park A</u>: The MASTRI Center – Medical Simulation for Skill Acquisition. **MODSIM World Conference**. September 11-13, 2007; Virginia Beach, VA.

Bernstein W, Moshe J, Meyer T, George I, Masterangelo M, <u>Park A</u>: 3D VR Preoperative Imaging of Complex Upper Airway Anatomy. **AAO-HNSF 2007 Annual Meeting & OTO Expo.** September 16-19, 2007; Washington DC.

Turner P, Kweku J, Roth J, <u>Park A</u>: Subjective Improvement of Symptoms after Anti-Reflux Surgery in Obese Patients. **Association for Academic Surgery**. October 5-6, 2007; New Orleans, LA.

Mathis K, Campbell M, Young-Fadok T, Marcello P, Larach S, Wexner S, <u>Park A</u>, Marks J, Sargent D, Nelson H: Surgical metrics poorly predict lymph node (LN) harvest in respectable colon cancer (CC): a report from the prospective COST trial of laparoscopic vs open colectomy. **American Society of Clinical Oncology 2008Gastrointestinal Cancers Symposium**. (Poster) January 25-27, 2008; Orlando, Florida.

Lee G, Lee T, Klein R, Dexter D, <u>Park A</u>: Perfect Partners: Surgical Ergonomics and Minimally Invasive Training (poster). **Medicine Meets Virtual Reality 16**. January 29 – February 1, 2008; Long Beach, California.

Seagull J, Moses G, <u>Park A</u>: Integration of Virtual Reality and Conventional Skills Trainers: A Mixed Resource Model. **Medicine Meets Virtual Reality 16**. January 29 – February 1, 2008; Long Beach, California.

Ulloa K, Kavic S, <u>Park A</u>: There is a higher complication rate among patients undergoing repeat PEG. **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Catania R, Roth J, <u>Park A</u>: Laparoscopic Collis Gastroplasty: A Useful Tool to Manage the "Short Esophagus". (Video) **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Godinez C, Kavic S, Catania R, Wagenberg F, Daly B, <u>Park A</u>: A standard scoring system for contrast esophagography predicts clinical outcomes from anti-reflux operations. **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Lee T, Meenaghan N, Xiao Y, Trinkoff A, Dexter D, Godinez C, <u>Park A</u>: Deconstructing operative flow – a focus on anticipatory movements. **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Lee G, Lee T, Dexter D, Godinez C, Meenaghan N, Catania R, <u>Park A</u>: Ergonomic risk of assisting in minimally invasive surgery. (oral presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Xiao Y, Lee T, Meenaghan N, Trinkoff A, Hu P, Dexter D, <u>Park A</u>: The patient as instrument stand – a time-motion study of sub-optimal instrument placement. **Society of American Gastrointestinal Endoscopic Surgeons**. (Poster) April 9-12, 2008; Philadelphia, PA.

Muresan C, Lee T, Seagull J, Daly C, <u>Park A</u>: Prospective randomized trial of transfer of training in the development of intracorporeal suturing skill in novices. **Society of American Gastrointestinal Endoscopic Surgeons**. (Poster) April 9-12, 2008; Philadelphia, PA.

Ranzinger M, Seagull J, <u>Park A</u>: Establishing Anthropometrics: Abdominal Wall Thickness in Laparoscopic Patients. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Ranzinger M, George I, <u>Park A</u>: Laparoscopic Splenectomy for wandering spleen: Enhancing outcomes with smart imaging technologies. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

Godinez C, Kavic S, Castellanos P, Roth S, Seagull J, Folstein M, <u>Park A</u>: Acid Reflux to the Proximal Esophagus Predicts Postoperative Success with Laryngopharyngeal Reflux Disease. **Digestive Disease Week**. May 17-21, 2008; SanDiego, CA.

Ranzinger M, Seagull J, <u>Park A</u>: Qualifying the Relationship: Interaction Effects in the Correlation Between BMI and Abdominal Wall Thickness. **Digestive Disease Week**. May 17-21, 2008; San Diego, CA.

Meenaghan N, Franco E, <u>Park A</u>, Roth S: Order of placement does not change complication rates for patients with concomitant ventriculoperitoneal shunt and percutaneous Endoscopic gastrostomy. **Digestive Disease Week**. May 17-21, 2008; San Diego, CA.

Lee T, Godinez C, Kavic S, George I, Fantry G, <u>Park A</u>: A Novel System for Classifying Paraesophageal Hernias. **Digestive Disease Week**. May 17-21, 2008; SanDiego, CA.

Muresan C, Lee T, Seagull J, <u>Park A</u>: Prospective Randomized Trial of Transfer of Training in the Development of Intracorporeal Suturing Skill in Novices. **11<sup>th</sup> World Congress of Endoscopic Surgery**. September 2-5, 2008; Kanagwa, Japan.

Godinez C, <u>Park A</u>, Fantry G, Castellanos P, Folstein M, Kavic S, Roth S, Seagull J: Acid Reflux to the Proximal Esophagus Predicts Postoperative Success in Patients with Laryngopharyngeal Reflux Disease. **11<sup>th</sup> World Congress of Endoscopic Surgery**. September 2-5, 2008; Kanagwa, Japan.

Godinez C, Kavic S, Catania R, Daly B, Van Wagenberg F, <u>Park A</u>: A Standard Scoring System for Contrast Esophagography Following Anti-Reflux Operation. **11<sup>th</sup> World Congress of Endoscopic Surgery**. September 2-5, 2008; Kanagwa, Japan.

Park A, Meenaghan N, Godinez C, Seagull J, Dexter D, Lee T, Lee G: Patients benefit while surgeons suffer: an impending epidemic. **American College of Surgeons 94**<sup>th</sup> **Annual Clinical Congress**. October 12-16, 2008; San Francisco, CA.

Moses G, <u>Park A</u>: A Research Portfolio for Innovation in the Surgical Environment. **Medicine Meets Virtual Reality**. January 19-22, 2009; Long Beach, CA.

Lee G, Lee T, Dexter D, Godinez C, Meenaghan N, <u>Park A</u>: Joint Kinetic Data Augments Traditional Biomechanical Approach to Assess the Ergonomics of Laparoscopic Camera Assistants. **Medicine Meets Virtual Reality**. January 19-22, 2009; Long Beach, CA.

Lee G, Meenaghan N, Dexter D, Lee T, Godinez C, Seagull J, <u>Park A</u>: A Pain in the Neck! The Relationship of Video Monitors to Surgeon's Stress. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Zhi X, Zhao M, Wang L, Zhang G, Hu S, <u>Park A</u>: Comparative Study of the Radical Resection of Rectal Carcinoma by Laparoscopy Versus Open Approach. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Zhi X, Wen C, Wang L, Zhang G, Hu S, <u>Park A</u>: Laparoscopic Versus Open resection of Gastric Stromal Tumors. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Godinez C, Youseff Y, George I, <u>Park A</u>: Laparoscopic intervention for massive, rapidly progressive pancreatic pseudocyst disease with endocrine and exocrine dysfunction. (Podium Presentation) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Sutton E, Kavic S, Lloyd R, Roth S, <u>Park A</u>: Prospective Monitoring of Surgical Trainee Endoscopy Volumes. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Meenaghan N, Sutton E, Youssef Y, Xiao Y, Lee T, Dexter D, <u>Park A</u>: Attention Disruptions to the Operating Surgeons During Laparoscopic Cholecystectomy. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Seagull J, Lee T, Sutton E, Godinez C, Lee G, <u>Park A</u>: A Validated Subjective Rating of Display Quality: The Maryland Visual Comfort Scale. (Poster of Distinction Presentation) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Shekhar R, Godinez C, Kavic S, Sutton E, Bhat V, Danekar O, George I, <u>Park A</u>: Augmented Reality for Laparoscopic Surgery Using a Novel Imaging Method-Initial Results From a Porcine Model. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons.** April 22-25, 2009; Phoenix, AZ.

Sutton E, Lee G, Youssef Y, <u>Park A</u>: Stepping Up to the Table: The Ergonomics of Women in Surgery. (Poster) **American College of Surgery**. October 11-15, 2009.

Godinez C, Sutton E, George I, Hagan E, <u>Park A</u>: Laparoscopic Management of Distal Esophageal Diverticulum Avoids Thoracotomy (Video). **American College of Surgery**. October 11-15, 2009.

Ravi S, Sutton E, Seagull J, <u>Park A</u>: Therapeutic laparoscopy for pancreatic cystic disease: drainage versus resective approaches (Poster). 6<sup>th</sup> Innovations in The Surgical Environment Conference; Current Perspectives on Safe Patient, Safe Surgeon (Keynote). March 25-27, 2010; Annapolis, Maryland.

Lee G, Sutton E, Youssef Y, Clanton T, <u>Park A</u>: Quantitative Ergonomics Assessment of NOTES Techniques: A Study of Physical Workload, Body Movement and Posture. (abstract submitted) **Society of American Gastrointestinal Endoscopic Surgeons**. April 14-17, 2010; Landover, MD.

Youssef Y, Lee G, Godinez C, Sutton E, Klein R, George I, Seagull J, <u>Park A</u>: Laparoscopic Cholecystectomy Poses Physical Injury Risk to Surgeons: Analysis of Hand Technique and Standing Position. (abstract) **Society of American Gastrointestinal Endoscopic Surgeons**. April 14-17, 2010; Landover, MD.

Sutton E, <u>Park A</u>: Repair of a hiatal defect using a rotational falciform flap. (Video) **Society of American Gastrointestinal and Endoscopic Surgeons**. April 14 -17, 2010; Landover, MD.

Ghaderi I, Vaillancourt M, Feldman L, Sroka G, Kaneva P, Vassiliou M, Seagull F, Sutton E, Godinez C, George I, <u>Park A</u>, Choy I, Okrainec A, Brintzenhoff R, Prabhu A, Stefanidis D, Fried G: Evaluation of surgical performance during laparoscopic incisional hernia repair- a multicenter study. (Abstract) **Society of American Gastrointestinal and Endoscopic Surgeons**. April 14 -17, 2010; Landover, MD

Ghaderi I, Vaillancourt M, Sroka G, Kaneva P, Seagull F, George I, Sutton E, <u>Park A</u>, Vassiliou M, Fried G, Feldman L: Performance of Simulated Laparoscopic Incisional Hernia Repair Predicts Operating Room Performance. (Abstract) **Association for Surgical Education**. April 20-24, 2010; San Antonio, TX.

Sutton E, Chase S, Seagull J, Turner P, Park A: Development of a proficiency-based virtual reality training curriculum for basic endoscopic procedures. (Poster) **20**<sup>th</sup> **Annual Scientific Assembly of the Society of Black Academic Surgeons**. April 29-May 29, 2010; Durham, North Carolina.

Lahane A, Yesha Y, Joshi A, Grasso M, Finin T, <u>Park A</u>, Moses G: Real-time content-based video analysis using distributed computing. (Abstract) **1**<sup>st</sup> **ACM International Health Informatics Symposium**. November 11-12, 2010; Arlington Virginia.

Park A, Shekhar R, Sutton E: Computed Tomography Guided Laparoscopy: Proof of Concept. 11<sup>th</sup> International Conference on Control, Automation, Robotics and Vision (ICARCV). December 7-10, 2010; Singapore.

A, Lee G, George I, Park A: Detailed analysis of surgical energy usage in a general surgical practice. (Poster) **Society of American Gastrointestinal and Endoscopic Surgeons.** March 30 – April 2, 2011; San Antonio, Texas.

Hamed O, Kavic S, Park A: Symptomatic Paraesophageal and Incisional Hernia: Simultaneous or Sequential Repair? (Poster) **Society of American Gastrointestinal and Endoscopic Surgeons.** March 7 – March 10, 2012; San Diego, CA.

Park A: Problems during the mediastinal dissection. (Abstract) **5**<sup>th</sup> **International Hernia Congress**. March 28-31, 2012; New York, NY.

Park A: Open or Laparoscopic Ventral Hernia Repair – Which one is the best? (Abstract) **5**<sup>th</sup> **International Hernia Congress**. March 28-31, 2012; New York, NY Limpuangthip.

Irvin M, Sutton E, Zeigler C, Lee G, Park A. Stepping up to the table: the ergonomics of women in surgery. Poster presentation, Research!Louisville 2012, University of Louisville School of Medicine, Louisville, KY, September 18-21, 2012.

Park A, Sutton E, George I, Heniford BT: (Poster) Non-ACGME Accredited Surgical Fellowship Graduates: Their demographics, practice patterns, and contributions to American Surgery American College of Surgeons, 98<sup>th</sup> Annual Clinical Congress, September 30 – October 4, 2012, Chicago, Illinois.

Sutton E, Irvin, M, Zeigler C, Lee G, Park A. The Ergonomics of Women in Surgery. (Oral Presentation) Society of American Gastrointestinal Endoscopic Surgeons. April 17-20, 2013; Baltimore, MD.

Zahiri HR, Devlin SG, Ebert BE, Benenati, Marvel R, Park A, Belyansky I. Intraoperative Assessment to Select Segmental Resection vs. Local Excision for colonic Endometriosis (Quick Shot Presentation). 10<sup>th</sup> Annual Academic Surgical Congress, February 3-4, 2015, Las Vegas, NV.

Lee G, Lee M, Allaf M, Clanton T, Park A, Marohn M. Comparative Investigation of Mental and Physical Ergonomics in Robotic and Laparoscopic Surgery. (Abstract) Society of Robotic Surgery (SRS), February 19-22, 2015, Orlando, FL.

Zahiri H, <u>Park A</u>: Short-Term Outcomes Post Laparoscopic Abdominal Wall Reconstruction: A Novel Approach and Prospective Multi-Institutional Case Series Study. **Society of American Gastrointestinal Endoscopic Surgeons**. March 17-18, 2015; Boston, MA (Poster).

Belyansky I, Zahiri H, Park A: Laparoscopic Transversus Abdominis Release, a Novel Minimally Invasive Approach to Complex Abdominal Wall Reconstruction. **Society of American Gastrointestinal Endoscopic Surgeons.** March 19, 2015; Boston, MA (Video Presentation).

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Taxonomy of Instructions Given to Residents in Laparoscopic Cholecystectomy. (Abstract). April 14-18, 2015, Nashville, TN.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Co-Chair, Career Development Seminar. April 14-18, 2015, Nashville, TN.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). The Art of Scholarly Presentations. Speaking to Surgical Audiences: The Long and the Short of It. April 14-18, 2015, Nashville, TN.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Career Breakouts. Landing Your First Job (Panelist). April 14-18, 2015, Nashville, TN.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Updates in Abdominal Wall Management: Mesh Theory, Tissue Use, Complex Locations. Patients as Partners in Hernia Care (Presenter). April 14-18, 2015, Nashville, TN.

Zahiri H, Sibia U, Gilbert I, Ghanem O, Park A, Belyansky I. Operative and Quality of Life Assessment Post Abdominal Wall Reconstruction with Nonabsorbable Mesh for Ventral and Incisional Hernias (Oral Presentation). **1**<sup>st</sup> **World Conference on Abdominal Wall Hernia Surgery**, April 25-29, 2015, Milan, Italy.

Zahiri H, Benenati M, Sibia U, Sivak B, Park A, Belyansky I. Repair of Symptomatic Abdominal Bulging Improves Quality of Life and Core Muscle Functionality (Oral Presentation). **1**<sup>st</sup> **World Conference on Abdominal Wall Hernia Surgery,** April 25-29, 2015, Milan, Italy.

Haisch, C., Mellinger J., Wood, W., Steffes, B., Park, A. A sustainable model for training African nationals as general surgeons. **The Association for Surgical Education.** 

Zahiri HR, Ghanem, O, Sibia U, Park A, Belyansky I. Operative and Quality of Life Assessment Post Abdominal Wall Reconstruction With Nonabsorbable Mesh for Ventral and Incisional Hernias (Oral Presentation) 1<sup>st</sup> World Conference on Abdominal Wall Hernia Surgery, April 25-29, 2015; Milan, Italy.

Zahiri H, Benenati M, Sibia U, Sibak B, Park A, Belyansky I. Repair of Symptomatic Abdominal Bulging Improves Quality of Life and Core Muscle Functionality. (Oral Presentation). 1<sup>st</sup> World Conference on Abdominal Wall Hernia Surgery, April 25-29, 2015; Milan, Italy.

Abdelrahman A, Lowndes B, Yu D, Bingener-Casey J, Park A, Bartley A, Hallbeck S. Intraoperative Exercises during Surgery: Surgical Trainees Rating of Performance and Disruption. (Podium Presentation) American College of Surgeons' 2015 Clinical Congress (October 4-8) in Chicago, IL.

Ghanem O, Al-Bahri S, Zahiri H, George I, Terry K, Park A, Belyansky I. Laparoscopic Repair of a Subxiphoid Hernia. (Abstract) American College of Surgeons' 2015 Clinical Congress (October 4-8) in Chicago, IL.

Abdelrahman A, Lowndes B, Yu D, Bingener-Casey J, Park A, Bartley A, Hallbeck S. Intraoperative Exercises during Surgery: Surgical Trainees Rating of Performance and

Disruption. American College of Surgeons' 2015 Clinical Congress (October 4-8) in Chicago, IL.

Sibia US, Zahiri HR, Park AE, King PJ, MacDonald JH. Multidisciplinary Enhanced Recovery after Surgery (ERAS) in Total Joint Replacement. Complication Rates after Improving ERAS to Shorten Patient Length of Stay. J Am Coll Surg. 2015 10/02; 221:S100 (Abstract). Accepted and Presented as a Podium Talk at 2015 American College of Surgeons Clinical Congress Meeting, Chicago, IL; October 4-8, 2015.

Ghanem O, Zahiri HR, Devlin S, Sibia U, Park A, Belyansky I. Laparascopic Subxiphoid Hernia Repair with Intracorporeal Suturing of Mesh to the Diaphragm as a Means to Decrease Recurrence. Podium Talk at 2015 American College of Surgeons Clinical Congress Meeting, Chicago, IL; October 4-8. 2015.

Sibia US, Zahiri HR, Park AE, King PJ, MacDonald JH. Multidisciplinary Enhanced Recovery after Surgery (ERAS) in Total Joint Replacement. Complication Rates after Improving ERAS to Shorten Patient Length of Stay. J Am Coll Surg. 2015 10/02; 221:S100 (Abstract). Accepted and Presented as a Podium Talk at 2015 American College of Surgeons Clinical Congress Meeting, Chicago, IL; October 4-8, 2015.

Ghanem O, Zahiri HR, Devlin S, Sibia U, Park A, Belyansky I. Laparascopic Subxiphoid Hernia Repair with Intracorporeal Suturing of Mesh to the Diaphragm as a Means to Decrease Recurrence. Podium Talk at 2015 American College of Surgeons Clinical Congress Meeting, Chicago, IL; October 4-8. 2015.

Feng Y, Wong C, Chellali A, Park A, Mentis H. Supporting Common Ground Development in between Attending and Resident Surgeons: Communication Acts in Operating Room Workflow. (Abstract). American Medical Informatics Association (AMIA) 2015 Annual Symposium.

Belyansky I, Zahiri H, Park A: Laparoscopic Transversus Abdominis Release, a Novel Minimally Invasive Approach to Complex Abdominal Wall Reconstruction. *Accepted and Presented as a Podium Talk at 2016 Society of Gastrointestinal and Endoscopic Surgeons Boston, MA; March19*, 2016.

Zahiri HR, Sibia U, Ghanem O, Mandelblatt A, Leydorf S, Park A, Belyansky I. The Impact of Panniculectomy on Operative Outcomes After Abdominal Wall Reconstruction to Treat Complex Hernia Defects. (Abstract – Podium Presentation) **17**<sup>th</sup> **Annual Hernia Repair, Americas Hernia Society**, March 30 – April 2, 2016, Washington, DC.

Zahiri, HR, Ghanem, O, Sibia, U, Soper B, Holmatova A, Mohiuddin K, Park A, Belyansky I. Mesh Type and its Impact on Operative Outcomes After Abdominal Wall Reconstruction in High Risk Patients. (Abstract - Poster) **17th Annual Hernia Repair, Americas Hernia Society**, March 30 – April 2, 2016, Washington, DC.

Zahiri HR, Mohiuddin K, Holmatova A, Park A, Belyansky I. Epidural Analgesia Following Abdominal Wall Reconstruction: Is it Beneficial? (Abstract – Poster) 17<sup>th</sup> Annual Hernia Repair, Americas Hernia Society, March 30 – April 2, 2016, Washington, DC.

Mohiuddin K, Belyansky I, Zahiri HR, Holmatova A, Park A. Epidural Analgesia Following Abdominal Wall Reconstruction: Is It Beneficial? Abstract submitted to American Hernia Association 9/15/2015. Abstract Submission #2015-09-15-2015. Accepted and Presented as a Poster at 2016 American Hernia Society Meeting, Washington, DC; April 2, 2016.

HR Zahiri, US Sibia, OM Ghanem, A Mandelblatt, S Leydorf, A Park and I Belyansky. "The Impact of Panniculectomy on Operative Outcomes after Abdominal Wall Reconstruction to Treat Complex Hernia Defects." *Presented at 2016 American Hernia Society Meeting, Washington D.C.; April 2nd, 2016.* 

H. R. Zahiri D.O., K. Mohiuddin, M.D., A.E. Park M.D., F.A.C.S. Primary vs. Redo Paraesophageal Hiatal Hernia Repair: A Comparative Analysis of Operative and Quality of Life Outcomes. Digestive Disease Week 2016. (Abstract) 2016 Digestive Disease Week. *Podium Talk at 2016 SSAT/DDW Meeting, San Diego, CA; May 22, 2016.* 

HR Zahiri, K Mohiuddin, A Weltz, S Leydorf, G Fantry, A Park. "Primary vs. Redo Paraesophageal Hiatal Hernia Repair: A Comparative Analysis of Operative and Quality of Life Outcomes." *Presented at 2016 SSAT/DDW Meeting, San Diego, CA.; May 22, 2016.* 

Hamid R. Zahiri, DO; Adrian E. Park, MD; "The Role of Body Mass Index in Determining Clinical and Quality of Life Outcomes Post Laparoscopic Antireflux Surgery." (abstract) American College of Surgeons Clinical Congress, Washington, DC, October 16-20, 2016.

Hamid R. Zahiri, DO; Adrian E. Park, MD; "Patients are Well Served by Collis Gastroplasty When Indicated." (abstract) American College of Surgeons Clinical Congress, Washington, DC, October 16-20, 2016.

A Weltz, U Sibia, HR Zahiri, A Park, I Belyansky. Operative Outcomes after Open Abdominal Wall Reconstruction with Retromuscular Mesh Fixation using Fibrin Glue Versus Transfascial Sutures. (Abstract and Oral Presentation) **Southeastern Surgical Congress**, February 25-28, 2017; Nashville Tennessee.

AS Weltz, US Sibia, N Wu, E Zakharov, A Park, HR Zahiri, I Belyansky. Intraperitoneal Onlay versus Retromuscular Mesh Placement for Ventral Hernia Repair: Is There A Difference? (Abstract and oral presentation) **American Hernia Society 18th annual hernia conference**, March 8, 2017; Cancun, Mexico.

AS Weltz, US Sibia, N Wu, E Zakharov, **A Park**, HR Zahiri, I Belyansky. Retromuscular mesh fixation with Fibrin Glue during Open, Laparoscopic and Robotic Abdominal Wall Reconstruction: Analysis of Operative Outcomes and Quality of Life. (Abstract and poster presentation) **American Hernia Society 18th annual hernia conference**, March 8, 2017; Cancun, Mexico.

I Belyansky, J Daes, B Ramana, V Radu, AS Weltz, N Wu, H Miller, A Park, HR Zahiri, Y Novitsky. Laparoscopic Retromuscular Mesh Placement with Selective Transversus Abdominis Release: A Transcontinental Case Series. (Abstract and oral presentation) -Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) annual conference. March 23, 2017; Houston, Texas.

AS Weltz, US Sibia, M Tran, O Holmatova, J Clemmens, HR Zahiri, I Belyansky, TR Turner, A Park. Should Patients with Suspected Gastro-esophageal Reflux Disease and Normal DeMeester Score be Precluded from Consideration for Anti-Reflux Surgery?-(Abstract and poster presentation) -Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) annual conference. March 23, 2017; Houston, Texas.

AS Weltz, J Turcotte, US Sibia, E Zakharov, N Wu, TR Turner, HR Zahiri, A Park, I Belyansky. The Trend Toward Minimally Invasive Complex Abdominal Wall Reconstruction: Is It Worth It? (Abstract and oral presentation) - Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) annual conference. March 23, 2017; Houston, Texas.

Rubie Sue Jackson, MD, MPH; Thomas Sanders, PhD; Adrian Park, MD, FACS; Robert Buras, MD, FACS; Wen Liang, DO, FACS; Martin Rosman, MD; Lorraine Tafra, MD, FACS; "Prospective study comparing surgeons' pain and fatigue associated with nipple-sparing bs. Skin-sparring mastectomy." (abstract) Submitted to the ASBrS for Spring 2017 meeting.

AS Weltz, HR Zahiri, US Sibia, N Wu, M Yates, O Holmatova, TR Turner, **AE Park**. Do Patients with Chronic Cough Benefit from Laparoscopic Anti-Reflux Surgery? (Abstract and oral presentation)- **Society for Surgery of the Alimentary Tract (SSAT) Digestive Disease Week.** May 7-9, 2017; Chicago, Illinois

AAbdelrahman, BLowndes, JBingener, APark, SHallbeck. Intraoperative Microbreaks Exercises Impact Surgical Trainees' Musculoskeletal Discomfort and Workload. Oral Presentation at American College of Surgeons' 2017 Clinical Congress (October 22-26) in San Diego, CA.

NWu, Weltz AS, APark. Laparoscopic Repair of a Congenital Diaphragmatic Hernia in an Adult. (Video). American College of Surgeons Clinical Congress 2017 (October 22-26) San Diego, CA

N Wu, US Sibia, AS Weltz, HR Zahiri, A Park. Trainee Involvement Does Not Adversely Impact Clinical Outcomes for Laparoscopic Foregut Surgery. -American College of Surgeons Clinical Congress 2017; San Diego, California.

AS Weltz, HR Zahiri, US Sibia, M Yates, N Wu, A Park. The Impact of Laparoscopic Anti-Reflux Surgery on Quality of Life: Do Patients with Atypical Symptoms Benefit? - American College of Surgeons Clinical Congress 2017; San Diego, California.

Zachary Sanford MD, Adam S. Weltz MD, H. Reza Zahiri DO, Almaz Holmatova MD, Adrian Park MD FACS. One year longitudinal prospective outcomes of laparoscopic abdominal wall hernia repair using Symbotex<sup>TM</sup> composite mesh. (Poster Presentation) **Abdominal Wall Reconstruction Conference, June 7-9, 2018, Washington, DC.** 

Zachary Sanford MD, Jermaine Brown, Eric Resnick, Adam S. Weltz MD, H. Reza Zahiri DO, Adrian Park MD FACS. "Influences of patient demographics on assessing subjective interpretations of perceived wait times in surgical clinic visitation. (Oral Presentation). Scientific Forum, American College of Surgeons, Boston, MA, October 21-25, 2018.

Andrew Broda BS, Zachary Sanford MD, Adam S. Weltz MD, Udai Sibia MD, Adrian Park MD FACS. **Novel preoperative risk assessment scoring for anticipated complications following hiatal hernia repair: An ACS-NSQIP study.** Podium Presentation to Maryland Chapter of the American College of Surgeons Annual Meeting, March 23 2019, Annapolis, MD.

Andrew Broda BS, Zachary Sanford MD, Adam S. Weltz MD, Udai Sibia MD, Adrian Park MD FACS. **Risk Factors for Readmissions and Reoperations Following Hiatal Hernia Surgery: NSQIP Analysis.** Podium Presentation to Maryland Chapter of the American College of Surgeons Annual Meeting, March 23, 2019, Annapolis, MD.

Andrew Broda BS, Zachary Sanford MD, Adam S. Weltz MD, Udai Sibia MD, Adrian Park MD FACS. **Novel preoperative risk assessment scoring for anticipated complications following hiatal hernia repair: An ACS-NSQIP study.** Oral "Quick shot" Presentation to the American College of Surgeons Clinical Congress (Scientific Forum) in San Francisco, CA, October 27-31, 2019.

Andrew Broda BS, Zachary Sanford MD, Adam S. Weltz MD, Udai Sibia MD, Adrian Park MD FACS. **Risk Factors for Readmissions and Reoperations Following Hiatal Hernia Surgery: NSQIP Analysis.** 3-minute e-Poster Presentation to the American College of Surgeons Clinical Congress (Scientific Forum) in San Francisco, CA, October 27-31, 2019.

Igor Belyansky, H. Reza Zahiri, Vladislav Burdakov, Victor Radu, Alex Addo, Richard Lu, Andrew Broda, Adrian Park. "The Innovation of Minimally Invasive Retromuscular Abdominal Wall Reconstruction: The Largest Prospective Study of Outcomes." (Abstract) e-Poster Presentation at the American College of Surgeons, San Francisco, CA, October 27-31, 2019.

Alex Addo, Andrew Broda, Allison Estep, Richard Lu, Justin Turcotte, H. Reza Zahiri, Igor Belyansky. "Early Perioperative Outcomes in Obese Patients Undergoing Minimally Invasive Abdominal Wall Reconstruction". (Abstract) e-Posters presentation at the American College of Surgeons, San Francisco, CA, October 27-31, 2019.

"Does Greater Patient Engagement Improve Outcomes after Gastrointestinal Surgery? (Abstract) e-Poster presentation at the American College of Surgeons, San Francicso, CA, October 27-31, 2019.

Allison Estep, Alex Addo, Andrew Broda, Richard Lu, H. Reza Zahiri, Igor Belyansky. "The Perioperative Outcomes of Minimally Invasive versus Open Transversus Abdominis Release in Patients Undergoing Abdominal Wall Reconstruction." (Abstract) Accepted for 3-minute "quick-shot" presentation at the American College of Surgeons, San Francisco, CA, October 27-31, 2019.

#### **Submitted:**

Adam S. Weltz MD, Zachary Sanford MD, H. Reza Zahiri DO, Adrian Park MD FACS. "Halving postoperative opioid pain control not associated with impaired laparoscopic foregut procedure outcomes (Abstract). Submitted to 2018 American College of Surgeons, Boston, MA.

Zachary Sanford MD, T. Robert Turner PhD, Ivan George, Helena Mentis PhD, H. Reza Zahiri DO, Adam S. Weltz MD, Adrian Park MD FACS. "A novel use of multiperspective two-dimensional versus single perspective two-dimensional view in laparoscopy." (Abstract). Submitted to 2018 American College of Surgeons, Boston, MA.

Hannah McGowan, Yuanyuan Feng, MS, Azin Semsar, MS, Hamid R. Zahiri, DO, Adrian Park, MD, Andrea Kleinsmith, PhD, Helena M. Mentis, PhD. Virtual Pointer as a Telementoring Guidance Aid for Laparoscopic Surgical Training. (Abstract) Submitted to SAGES 2019.

Igor Belyansky, H. Reza Zahiri, Vladislav Burdakov, Victor Radu, Alex Addo, Richard Lu, Andrew Broda, Adrian Park. "The Innovation of Minimally Invasive Retromuscular Abdominal Wall Reconstruction: The Largest Prospective Study of Outcomes." (Abstract) Submitted to American Surgical Association Annual Meeting. Dallas, TX, April 11-13 2019.

Zachary Sanford MD, Jermaine Brown, Eric Resnick, Adam S. Weltz MD, H. Reza Zahiri DO, Adrian Park MD FACS. "Influences of Patient Demographics on Assessing Subjective Interpretations of Perceived Wait Times in Surgical Clinic Visitation." Scientific Forum Abstracts, Vol. 227, No. 4S1, October 2018.

Zachary Sanford, Adam Weltz, Justin Miller, T. Robert Turner, Alex Addo, Richard Lu, Adrian Park MD. "Update on the durability and performance of Collis gastroplasty for chronic GERD and paraesophageal hernia at four years post-intervention." Submitted to Digestive Disease Week. San Diego, CA. May 18-21 2019.

# Influences of patient demographics on assessing subjective interpretations of perceived wait times in surgical clinic visitation

Zachary Sanford MD, Jermaine Brown, Eric Resnick, Adam S. Weltz MD, H. Reza Zahiri DO, Adrian Park MD FACS. Submitted to Maryland Chapter of the American College of Surgeons Annual Meeting, March 23, 2019, Annapolis, MD.

Adrian Park, Zachary Sanford, Alex Addo, Andrew Broda, Richard Lu, Adam S. Weltz, H. Reza Zahiri. "Age-related outcomes in laparoscopic hiatal hernia repair: Is there a "too old" for antireflux surgery?" Submitted to European Association for Endoscopic Surgery (EAES) Meeting. Sevilla, Spain. June 12 – 15, 2019.

Adam S. Weltz MD, Zachary Sanford MD, H. Reza Zahiri DO, Adrian Park MD FACS. "Halving postoperative opioid pain control not associated with impaired laparoscopic foregut procedure outcomes (Abstract). Submitted to European Association for Endoscopic Surgery (EAES) Meeting. Sevilla, Spain. June 12 - 15, 2019.

"Chair, Scientific Session: S59 Why we Insist on Robots." 27th International Congress of the European Association for Endoscopic Surgery (EAES) Sevilla, Spain, June 12-17, 2019.

37<sup>th</sup> Annual Bernard E. Wistar Shirley, MD Memorial Lecture. Presenter:. Toward Surgeon Well Being. July 19, 2019.

"Scientific Session – S79 – Hot topics and cold ones in laparoscopic hernia repairs. Parastomal hernia repair should be done with an intraperitoneal Sugarbaker technique (Presenter) 27th International Congress of the European Association for Endoscopic Surgery (EAES) Sevilla, Spain, June 12-17, 2019.

Alex Addo, MD, MPH; Andrew Broda, BS; Richard Lu, MD; H. Reza Zahiri, DO, FACS; Adrian Park, MD, FACS. Preoperative weight loss in overweight patients undergoing minimally invasive foregut surgery may improve postoperative outcomes. Submitted to American College of Surgeons, 2019.

Alex Addo, MD, MPH; Richard Lu, MD; Andrew Broda, BS; H. Reza Zahiri, DO, FACS; Adrian Park, MD, FACS. Impact of Preoperative Compliance on Outcomes after Laparoscopic Anti-reflux Surgery. Submitted to American College of Surgeons, 2019.

# **Manuscripts (Peer Reviewed Publications)**

## **Published:**

Park A, Towner RA, Langer JC: Diagnosis of Intestinal Ischemia in the Rat Using "Double Contra Magnetic Resonance Imaging (MRI)". **Journal of Investigative Surgery**. 1993; 6:177-183.

Park A, Towner RA, Langer JC: Diagnosis of Persistent Intestinal Ischemia in the Rabbit Using Proton Magnetic Resonance Imaging. **Journal of Investigative Surgery**. 1994; 7:485-492.

Anvari M, <u>Park A</u>: Laparoscopic-Assisted Vagotomy and Distal Gastrectomy. **Surgical Endoscopy.** 1994; 8:1312-15.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. **Surgical Endoscopy**. 1995; 9:807-810.

Park A, Gagner M, Pomp A: Laparoscopic Repair of Large Incisional Hernias. **Surgical Laparoscopy and Endoscopy.** 1996; 2:123-128.

Fitzgerald P, Langer J, Cameron B, <u>Park A</u>, Marcaccio M, Walton M, Skinner M: Pediatric Laparoscopic Splenectomy using the Lateral Approach. **Surgical Endoscopy**. 1996; 10: 859-861.

Sternbach M, <u>Park A</u>: Laparoscopic Splenectomy: A Novel Tool in the Therapy and Diagnosis of Hematological Disease. **Blood**, November 15, 1996;88(10)Supp 1:194.

Park A, Gagner M, Pomp A: The Lateral Approach to Laparoscopic Splenectomy. **American Journal of Surgery.** 1997; 173:126-130.

Evrard S, Falkeniodt A, <u>Park A</u>: Influence of CO\_ Pneumoperitoneum Upon Systemic and Peritoneal Cell Mediated Immunity - **World Journal of Surgery**. 1997; 21:353-357.

Birch DW, <u>Park A</u>, Chen V: Laparoscopic Resection of an Intra-abdominal Mass: A Cystic mesothelioma. **Canadian Journal of Surgery**. April 1998; 41(2): 161-164.

Park A, Birch DW, Lousics, P: Laparoscopic and Open Incisional Hernia Repair: A comparison study. **Surgery**. 1998; 124: 816-822

Toy FK, Bailey RW, Carey S, Smoot RT, Chappuis CW, Flowers JL, Gagner M, Josephs LG, Mangiante EC, <u>Park A</u>, Pomp A, Uddo Jr. JF, Voeller G: Prospective, Multicenter Study of Laparoscopic Ventral Hernioplasty: Preliminary Results. **Surgical Endoscopy**. 1998; 12: 955-959.

Seshadri PA, Poenaru D, <u>Park A</u>: Laparoscopic Splenic Cystectomy. **Journal of Pediatric Surgery.** 1998; 33: 1439-1441.

Dath D, <u>Park A</u>,: Randomized Controlled Trial to Assess Bupivacaine Injection to Decrease Pain After Laparoscopic Cholecystectomy. **Canadian Journal of Surgery**. 1999; 42 (4): 284-8.

Birch DW, <u>Park A</u>, Shuhaibar H: Acute Thermal Injury to the Canine JeJunal Free Flap: Electrocautery versus Ultrasonic Dissection. **The American Surgeon**. 1999; 65 (4): 334-7.

Park A, Marcaccio M., Sternbach M, Witzke D, Fitzgerald P: Laparoscopic vs Open Splenectomy-the Hamilton Experience. **Archives of Surgery.** 1999; 134: 1263-1269.

Park A. Schwartz R, Tanden V, Anvari M: Laparoscopic Pancreatic Surgery. **The American Journal of Surgery**. 1999; 177: 158-163.

Ramshaw B, Heniford T, <u>Park A</u>, Voeller G: A Response to - Incisional Hernia: The Problem and the Cure. **Journal of the American College of Surgeons (Letter)** 1999; 189 (6): 635-636.

Roth S, <u>Park A</u>, Witzke D, Mastrangelo M: Laparoscopic incisional/ventral herniorrhaphy: a five year experience. **Hernia.** 1999; 4: 209-214.

Bosch A, Birgisson G, <u>Park A</u>, Nickl N: Pneumatic Dilattron vs Surgical Management of Achalasia - A Decision Analysis. **Gastroenterology**, April 2000, Volume 118, Issue 4, Part 1, Pages A208.

Park A. Mastrangelo M: Endoscopic Retrograde Cholangiopancreatography in the Management of Chodedocholithiagis. **Surgical Endoscopy.** 2000; 14: 219-226.

Park A, Heniford T, Fitzgerald P, Hebra A: Pediatric Laparoscopic Splenectomy **Surgical Endoscopy**. 2000; 14(6): 527-531.

Roth S, <u>Park A</u>, Gewirtz R,: Mini-Laparoscopic Assisted Placement of Ventriculoperitoneal Shunts **Surgical Endoscopy**. 2000; 14: 461-3.

Backus C, <u>Park A</u>, Matthews B, Heniford T: Mini-Laparoscopic Splenectomy. **Journal of Laparoscopy Endoscopy Advanced Surgery Techniques**. 2000; 10(5): 259-262.

Heniford T, <u>Park A</u>, Ramshaw B, Voeller G: Laparoscopic Ventral and Incisional Hernia Repair in 407 patients. **Journal of the American College of Surgeons**. 2000; 190(6): 645-650.

Park A, Birgisson G, Mastrangelo M, Marcaccio M, Witzke D: Laparoscopic splenectomy: Outcomes and lessons learned from over 200 cases. **Surgery.** Oct.2000; 128(4):660-67.

McFadyen B, <u>Park A</u>, Litwin D, Phillips E: Laparoscopic Splenectomy Part 1: Indications and Results. **Contemporary Surgery**. 2000; 56(6):345-354.

McFadyen B, <u>Park A</u>, Litwin D, Phillips E: Laparoscopic Splenectomy Part 2: Technical Considerations. **Contemporary Surgery**. 2000; 6:517-519.

Park A, Charash W, Shaw M: The Future of Imaging in Minimally Invasive Surgery. **Surgical Endoscopy**. 2000; 14(6)6:517-519.

Meister T, Nickl N, <u>Park A</u>: Laparoscopic Assisted Panenteroscopy: A New Modality. **Gastrointestinal Endoscopy**. Feb. 2001; 53(2):236-239.

Park A, Heniford T, LeBlanc K, Voeller G: Laparoscopic Repair of Incisional Hernias: Patient Selection and Preoperative Evaluation. **Contemporary Surgery.** April 2001;57(4): 171-82.

Chu U, Mastrangelo M, <u>Park A</u>: Laparoscopic Splenectomy. **Current Surgery**. 2001;58(1): 63-7.

Park A, Schwartz R, Witzke D, Roth S, Mastrangelo M, Birch DW, Jennings C, Lee E, Hoskins J: A Pilot Study of New approaches to Teaching Anatomy and Pathology: The Laparoscopic View for Medical Students. **Surgical Endoscopy** 2001;5(3)245-50.

Witzke D, Hoskins J, Mastrangelo M, Witzke W, Chu U, Pande S, <u>Park A</u>: Immersive Virtual Reality used as a Platform for Perioperative Training for Surgical Residents(2001).IN:JD Westwood et al.(Eds.)2001 **Medicine Meets Virtual Reality**. Amsterdam: IOS Press.,577-583.

Mastrangelo M, Hoskins J, Nicholls M, Munch L, Johnston T, Reddy S, Ranjan D, Witzke W, <u>Park A</u>: Using Immersive VR as a Tool for Preoperative Planning for Minimally Invasive Donor Nephrectomy(2001).IN:JD Westwood et al;(Eds.) **2001 Medicine Meets Virtual Reality. Amsterdam: IOS Press.**,81:298-305.

Park A, Targarona E, Trias M: Laparoscopic Surgery of the Spleen: State of the Art. **Langenbeck's Archives of Surgery** 2001;386:230-239.

Park A, Heniford T, LeBlanc K, Voller G: Laparoscopic Repair of Incisional Hernias: Part 1 Patient Selection and Preoperative Evaluation. **Contemporary Surgery** 2001;57(4):171-182.

Park A, Heniford T, LeBlanc K, Voeller G: Laparoscopic Repair of Incisional Hernias: Part 2 Surgical Technique. **Contemporary Surgery** 2001; 57(5):225-238.

Birch D, <u>Park A</u>: Octylcyanoacrylate Tissue Adhesive as an Alternative to Mechanical Fixation of Expanded Polytetrafluoroethylene Prosthesis. **American Surgeon** 2001; 67:974-978.

Birch D, <u>Park A</u>, Bailey M, Witzke W, Witzke D, Hoskins J: The Development and Implementation of a Computerized Database for Clinical Research in Minimally Access Surgery: An International Pilot Study. **Surgical Endoscopy** 2001; 15:1008-1010.

Heniford T, <u>Park A</u>, Walsh R, Kercher K, Matthews B, Sing F: Laparoscopic Splenectomy in Patients with Normal-Size Spleens versus Splenomegaly: Does Size Matter? **American Surgeon** 2001; 67:854-858.

Park A, Figert P, Witzke D: Needle-assist Technique of Laparoscopic Knot-tying. **Contemporary Surgery** 2001; 57(10): 516-518.

Figert P, <u>Park A</u>, Witzke D, Schwartz R: Transfer of Training in Acquiring Laparoscopic Skills. **Journal of the American College of Surgeons** 2001; 193(5): 533-537.

Birgisson G, <u>Park A</u>, Mastrangelo M, Witzke D: Obesity and Laparoscopic Repair of Ventral Hernias. **Surgical Endoscopy** 2001; 15: 1419-1422.

Chu U, Mastrangelo M, <u>Park A:</u> Laparoscopic Management of Crohn's Disease. **Current Surgery** 2001; 58(3): 293-298.

Mesiter T, Nicholas N, Park A: Laparoscopic-assisted panenteroscopy. **Gastrointestinal Endoscopy** February 2001; Volume 53, Issue 2, Pages 236-239.

Donnelly M, Witzke D, Mastrangelo M, <u>Park A</u>: The educational implications of the importance of clinical judgment in performing laparoscopic skills. **Surgical Endoscopy**. 2001; 15(Suppl): S119.

Park A, Witzke D, Mastrangelo M, Donnelly M: American Surgical Residency Programs Are Not Meeting Current nor Anticipated Minimally Invasive Surgery (MIS) Training Needs. **Gastroenterology** April 2001; Volume 120, Issue 5, Supplement 1, Page A116.

Roth S, <u>Park A</u>: Laparoscopic Pancreatic Cystgastrostomy: The Lesser Sac Technique. **Surgical Laparoscopic Endoscopy** June 2001; 11(3):201-3.

Witzke W, Witzke D, Hoskins J, Mastrangelo M, Chu U, George I, <u>Park A:</u> A Criterion-Referenced Approach to Assessing Perioperative Skills in a VR Environment. **IEEE**. August 2001; 291-294.

Park A, Witzke D: The Surgical Competence Conundrum. (Editorial) **Surgical Endoscopy** April 2002; 16(4): 555-557.

Mastrangelo M, Stich J, Hoskins J, Witzke W, George I, Garrison J, Nicholls M, <u>Park A</u>: Advancements in Immersive VR as a Tool for Preoperative Planning for Laparoscopic Surgery. **Medicine Meets Virtual Reality**. Amsterdam: IOS Press., 2002; 274-279.

George I, Mastrangelo M, Hoskins J, Witzke W, Stich J, Garrison J, Witzke D, Nicholls M, <u>Park A</u>: Using Semi-automated Image Processing and Desktop systems to Incorporate Actual Patient Volumetric Data In Immersive Surgical Planning and Viewing Systems for Multiple Patients. **Medicine Meets Virtual Reality**. Amsterdam: IOS Press., 2002; 155-159.

Gandsas A, McIntire K, George I, Witzke W, Hoskins J, <u>Park A</u>: Wireless Live Streaming Video of Laparoscopic Surgery: A Bandwidth Analysis for Hand Held Computers. **Medicine Meets Virtual Reality**. Amsterdam: IOS Press., 2002; 150-154.

Park A, Heniford T: Therapeutic Laparoscopy of the Pancreas. **Annals of Surgery**., 2002; 236(2): 149-158.

Park A, Witzke D, Donnelly M: Ongoing Deficits in Resident Training for Minimally Invasive Surgery. **Journal of Gastrointestinal Surgery**., 2002; 6(3): 501-509.

Dhillon JS, <u>Park A</u>; Transmural Migration of a Retained Laparotomy Sponge. **American Surgeon**., July 2002; 68(7): 603-605.

Reynolds RL, Park A, Miller RE, Karounos D: Combined Use of Calcium Infusion Localization and a Minimally Invasive Surgical Procedure in the Management of Insulinoma. **Endocrine Practice.**, Sept/Oct. 2002; 8(5): 329-334.

Allran C, Weiss C, Park A: Urgent Laparoscopic Splenectomy in Morbidly Obese Pregnant Women: Case Report and Literature Review. **Journal of Laparoendoscopic & Advanced Surgical Techniques.**, 2002; 12(6): 445-447.

Weiss C, **Park A**: The Treatment of Pancreatic Pseudocysts by Laparoscopic Drainage: Endoluminal and Lesser Sac Techniques. **Minimally Invasive Therapy and Allied Technologies (MITAT)**., 2002; 11(5/6): 303-307.

Park A, Beals D: Introduction/Editorial - Educational and Ethical Issues in MIS. **Seminars in Laparoscopic Surgery.**, 2002, 9(4): 197.

Park A, Witzke D: Training and Educational Approaches to Minimal Invasive surgery: State of the Art. **Seminars in Laparoscopic Surgery.**, 2002, 9(4): 198-205.

Kent W. Kercher, MD, <u>Adrian Park</u>, MD, Brent D. Matthews, MD, Gary Rolband, MD, Ronald F. Sing, DO, B. Todd Heniford, MD: Laparoscopic Adrenalectomy for Pheochromocytoma. **Surgical Endoscopy**., 2002, 16: 100-102.

Gandsas A, McIntire K, Palli G, <u>Park A</u>: Live Streaming Video For Medical Education: A Laboratory Model. **Journal of Laparoscopy Endoscopy Advanced Surgery Techniques.** 12(5): 377-82, 2002.

Weiss C, <u>Park A</u>: Laparoscopic Adrenalectomy Technique. **Contemporary Surgery.**, January 2003, 59(1): 26-29.

Gillette J, Quick N, Adrales G, Shapiro R, <u>Park A</u>: Changes in postural mechanics associated with different types of minimally invasive training devices. **Surgical Endoscopy**., 2003, 17: 259-263.

Matthew B, Bui H, Harold K, Kercher K, Adrales G, <u>Park A</u>, Sing R, Heniford T: Laparoscopic Repair of Traumatic Diaphragmatic Injuries. **Surgical Endoscopy**., 2003, 17: (2) 254-258.

Lahmann B, Weiss C, Adrales G, Mastrangelo M, <u>Park A</u>: Laparoscopic Fundoplication. **Current Surgery**., 2003, 60: (1) 43-46.

Quick N, Gillette J, Shapiro R, Adrales G, <u>Park A</u>: The Effect of Using Laparoscopic Instruments on Muscle Activation Patterns During Minimally Invasive Surgical Training Procedures. **Surgical Endoscopy**., 2003, 17: 462-465.

McKinlay R, <u>Park A</u>, Mastrangelo M: Laparoscopic Adrenalectomy: Indications and Technique. **Current Surgery**., 2003, 60: (2) 145-149.

Adrales G, Chu U, Witzke D, Witzke D, Donnelly M, Hoskins J, Mastrangelo M, Gandsas A, <u>Park A</u>: Evaluating minimally invasive surgery training using low cost mechanical simulations. **Surgical Endoscopy**., 2003, 17: 580-585.

Chu Y, Adrales G, Schwartz R, <u>Park A</u>: Laparoscopic Incisional Hernia Repair: A Technical Advance. **Current Surgery**., 2003, 60: (3) 287-291.

Rattner D, <u>Park A</u>: Advanced devices for the operating room of the future. **Seminars in Laparoscopic Surgery**., 2003, 10: (2) 87-91.

Park AE, Adrales GL (2003) Laparoscopic pancreatic cystgastrostomy via the lesser sac approach [streaming video]. **Surgical Endoscopy** 17: 1485, DOI: 10.1007/s00464-003-6001-3, September 4, 2003.

Adrales G, <u>Park A</u>, Chu U, Witzke D, Donnelly M, Hoskins J, Mastrangelo M, Gandsas A: A Valid Method of Laparoscopic Simulation Training and Competence Assessment. **Journal of Surgical Research**., 2003, 114: 156-162.

Koehler R, Begos D, Berger D, Carey S, LeBlanc K, <u>Park A</u>, Ramshaw B, Smoot R, Voeller G: Minimal Adhesions to ePTFE Mesh After Laparoscopic Ventral Hernia Repair: Reoperative Findings in 65 Cases. **Journal of Laparoscopy Endoscopy Advanced Surgery Techniques**, 2003; 7(4):335-340.

Heniford B, <u>Park A</u>, Ramshaw B, Voeller G: Laparoscopic Repair of Ventral Hernias Nine Years' Experience with 850 Consecutive Hernias. **Annals of Surgery**,2003, 238(3): 391-400.

Mastrangelo, Jr. MJ, Adrales G, McKinlay R, George I, Witzke W, Plymale M, Witzke D, Donnelly M, Stich J, Nichols M, Park AE. Inclusion of 3-D computed tomography rendering and immersive VR in a third year medical student surgery curriculum. In: Westwood JD, Hoffman HM, Mogel GT, Phillips R, Robb RA, Stredney D, Editors. Amsterdam: IOS Press. **Medicine Meets Virtual Reality 11**: NextMed: Health Horizon, pp. 199-203, 2003.

Adrales G, Gandsas A, Beales D, Draper K, George I, <u>Park A</u>: Laparoscopic Ladd's Procedure in Two Adults: Malrotation and the Minimally Invasive Approach. *Multimedia article*. **Surgical Endoscopy**, 2004, 18: 161.

Adrales G, Chu U, Hoskins J, Witzke D, <u>Park A</u>: Development of a Valid, Cost-effective Laparoscopic Training Program. **American Journal of Surgery**, 2004, 187: 157-163.

McKinlay R, Shaw M, <u>Park A</u>: A Technique for Real-Time Digital Measurements in Laparoscopic Surgery. **Surgical Endoscopy**, 2004, 18:709-712.

Kalady M, McKinlay R, Olson J, Pinheiro J, Lagoo S, <u>Park A</u>, Eubanks S: Laparoscopic Adrenalectomy for Pheochromocytoma: A Comparison to Aldosteronoma and Incidentaloma. **Surgical Endoscopy**, 2004, 18: 621-625.

Adrales G, Donnelly M, Chu U, Witzke D, Hoskins J, Mastrangelo M, Gandsas A, <u>Park A</u>: Determinants of Competency Judgments by Experienced Laparoscopic Surgeons. **Surgical Endoscopy**, 2004, 18: 323-327.

Gandsas A, McIntire K, <u>Park A</u>: Live Broadcast of Laparoscopic Surgery to Handheld Computers. **Surgical Endoscopy**, 2004, 18: 997-1000.

Park A, Adrales G: Laparoscopic Approach to Pancreatic Disease. **Journal of Long-Term Effects of Medical Implants**, 2004, 14(1): 13-22.

Abedi N, McKinlay R, <u>Park A</u>: Laparoscopic colectomy for diverticulitis. **Current Surgery**, 2004, 61(4): 366-369.

McKinlay R, <u>Park A</u>: Laparoscopic ventral incisional hernia repair: A more effective alternative to conventional repair of recurrent incisional hernia. **Journal of Gastrointestinal Surgery**, 2004, 8(6): 670-674.

Park A, Adrales G, McKinlay R, Knapp C: A Novel Intestinal Anastomosis Device in a Porcine Model. **The American Surgeon**, September 2004, 70(9): 767-774.

Park A: A New Era Begins – Introduction. **Surgical Innovation**, December 2004, 11(4): 217-218.

Park A: Discussion – Correlation Between Perceptual, Visuo-spatial, an Psychomotor Aptitude to Duration of Training Required to Reach Performance Goals on the MIST\_VR Surgical Simulator. **The American Surgeon**, January 2005, 71: 20-21.

Caban J, Seales B, <u>Park A</u>: Heterogeneous Displays for Surgery and Surgical Simulation. **Medicine Meets Virtual Reality 13**. James D. Westwood et al. (EDS.): IOS Press., 2005; 79-82.

Weiss C, Kavic S, Adrales G, <u>Park A:</u> Laparoscopic Splenectomy: What Barriers Remain? **Surgical Innovation**, 2005, 12(1): 23-29.

Zhi X, Kavic S, <u>Park A</u>: Management of Gastroesophageal Reflux Disease: Medications, Surgery, or Endoscopic Therapy? (Current Status and Trends). **Journal of Long-Term Effects of Medical Implants.**, 2005, 15(4): 375-388.

Kercher K, Novitsky Y, <u>Park A</u>, Matthews B, Demetrius E, Litwin, Heniford T: Laparoscopic Curative Resection of Pheochromocytomas. **Annals of Surgery**, 2005, 241(6): 919-928.

Park A, Kavic S: Procedure of choice for GIST (Letter). **Canadian Journal of Surgery**, 2005, 48(5): 420.

Kavic S, Segan R, <u>Park A</u>: Laparoscopic Splenectomy in the Elderly: A Morbid Procedure? **Surgical Endoscopy**, 2005, 19: 1561-1564.

Turner PL, Kavic SM, Park AE: Endoscopic Placement of Radiopaque Markers for Focused Evaluation of Intestinal Motility. **Surgical Innovation**. 2006, 13(3): pp. 190-2.

Swanstrom L, <u>Park A</u>, Arregui M, Franklin M, Smith D, Blaney C: Bringing Order to the Chaos: Developing a matching process for Minimally Invasive and GI postgraduate Fellowships. **Annals of Surgery**. 2006, 243(4): 431-435.

Kavic S, Segan R, George I, Turner P, Roth S, <u>Park A</u>: Classification of Hiatal Hernias Using Dynamic Three-Dimensional Reconstruction. **Surgical Innovation**, 2006, 13(1): 49-52.

Nagy P, George I, Bernstein W, Caban J, Klein R, Mezrich R, <u>Park A</u>: Radio Frequency Identification Systems Technology in the Surgical Setting. **Surgical Innovation**. 2006, 13(1): 61-67.

Park A, Roth JS, Kavic S: Abdominal Wall Hernia. **Current Problems in Surgery**. May 2006, 43(5): 317-376.

Rattner D, <u>Park A</u>, Sandberg W, Satava R: Envisioning the OR of the future. **Contemporary Surgery**. Roundtable discussion Symposium. August 2006, 62(8): 370-376.

Lee G, Kavic S, George I, <u>Park A</u>: Postural instability does not necessarily correlate to poor performance: a case in point. **Surgical Endoscopy**. March 2007, 21(3): 471-474.

Zerey M, Kercher K, Sing R, Ramshaw B, Voeller G, <u>Park A</u>, Heniford BT: Does a One-Day Course Influence Surgeon Adoption of Laparoscopic Ventral Herniorrhaphy? **Journal of Surgical Research**. April 2007, 138: 205-208.

Martin C, Clarke D, Carswell M, <u>Park A</u>, Seales B: Analysis of Immersive Display Architecture for Laparoscopy. **IEEE Transactions on Information Technology in Biomedicine**. 2007 1(1): 1-8.

Mancini G, McClusky D, Khaitan L, Goldenberg E, Heniford BT, Novitsky Y, <u>Park A</u>, Kavic S, LeBlanc K, Elieson MJ, Voeller G, Ramshaw B: Laparoscopic Parastomal Hernia Repair Using A Nonslit Mesh Technique. **Surgical Endoscopy**. 2007, 21: 1487-1491.

Dexter D, Kavic S, Daly B, <u>Park A</u>: How to use imaging to manage complications after hernia repair. **Contemporary Surgery**. June 2007, 63(6): 281-287.

Lee G, Lee T, Dexter D, Klein R, <u>Park A</u>: Methodological Infrastructure in Surgical Ergonomics: A Review of Tasks, Models, and Measurement Systems. **Surgical Innovation**. September 2007, 14(3): 153-167.

Park A, Kavic A, Lee T, Heniford BT: Minimally Invasive Surgery: The Evolution of Fellowship. **Surgery**. October 2007, 142 (4): 505-513.

Catania R, Kavic S, Roth J, Lee T, Meyer T, Fantry G, Castellanos P, <u>Park A</u>: Laparoscopic Nissen Fundoplication Effectively Relieves Symptoms in Patients with Laryngopharyngeal Reflux. **Journal of Gastrointestinal Surgery**. December 2007, 11(12): 1579-1588.

Nagy P, Konewdo R, Warnock M, Bernstein W, Seagull J, Xiao Y, George I, <u>Park A</u>: Novel, Web-Based, Information-Exploration Approach for Improving Operating Room Logistics and System Processes. **Surgical Innovation**. March 2008, 15(1): 7-16.

Kligman M, Dexter D, Omer S, <u>Park A</u>: Shrinking cardiovascular risk through bariatric surgery: application of Framingham risk score in gastric bypass. **Surgery**. April 2008, 143(4): 533-538.

Lee G, <u>Park A</u>: Development of a more robust tool for postural stability analysis of laparoscopic surgeons. **Surgical Endoscopy**. April 2008, 22:1087-1092.

Tsereteli, Z, Pryor B, Heniford T, <u>Park A</u>, Voeller G, Ramshaw B: Laparoscopic ventral hernia repair (LVHR) in morbidly obese patients. **Hernia**. June 2008, 12(3): 233-238.

Larson D, Marcello P, Larach S, Wexner S, <u>Park A</u>, Marks J, Senagore A, Thorson A, Young-Fadok, Green D, Sargent D, Nelson H: Surgeon Volume Does Not Predict Outcomes in the Setting of Technical Credentialing. **Annals of Surgery**. November 2008, 248(5): 746-750.

Seagull J, <u>Park A</u>: Interacting in 3D Space: Comparison of a 3D Two-handed interface to a Keyboard-and-mouse Interface for Medical 3D Image Manipulation, Proceedings of the Human Factors, and Ergonomics Society Annual Meeting. San Antonio, TX: **Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting** 2009. Vol (53) 27, pp. 2004-2008.

Lee G, Lee T, Dexter D, Godinez C, Meenaghan N, Catania R, <u>Park A</u>: Ergonomic risk associated with assisting in minimally invasive surgery. **Surgical Endoscopy.** Jan 2009, 23:182-188.

Schwaitzberg S, Godinez C, Kavic S, Sutton E, Worthington R, Colburn B, <u>Park A</u>: Training and Working in High-Stakes Environment Lessons Learned and Problems Shared by Aviators and Surgeons. **Surgical Innovation**. June 2009, 16(2): 187-195.

Park A, Swanstrom L: A Time to Raise Our Vocie(s): **Surgical Innovations**. September 2009, 16(3): 205-206.

Lee G, Youssef Y, Carswell M, Hui C, George I, <u>Park A</u>: Ergonomic safety of surgical techniques and standing positions associated with laparoscopic cholecystectomy. Proceedings of the **Human Factors Ergonomic Society 53<sup>rd</sup> Annual Meeting**. October 2009. Vol. 53(11) pp. 723-727.

Seagull J, George I, Ghaderi I, Vaillancourt M, Park A: Surgical Abdominal Wall (SAW): A Novel Simulator for Training Ventral Hernia Repair. **Surgical Innovation**. December 2009, 16(4): 330-336.

Park A, Lee G, Seagull J, Meenaghan N, Dexter D: Patients benefits while surgeons suffer: an impending epidemic. **Journal of The American College of Surgeons**. March 2010, 210(3): 306-313.

Bierenbaum J, Alapat D, Godinez C, <u>Park A</u>, Zhao X, Baer M: Littoral Cell Angioma: A Correctable Cause of Progressive Pancytopenia in a Patient with Myelodysplastic Syndrome. **Leukemia and Lymphoma**. (Leukemia Research) 2010 Apr;34(4):e117-9.

Sutton E, Youssef Y, Meenaghan N, Godinez C, Xia Y, Lee T, Dexter D, <u>Park A</u>: Gaze Disruptions Experienced by the Laparoscopic Operating Surgeons. **Surgical Endoscopy.** June 2010, Vol. 24: pp. 1240-1244.

Park A, Swanstrom L: Introduction to Our New Section: "IRCAD: World View on Innovations" (Editorial). **Surgical Innovation**. 2010, 17(2): 78.

Muresan, C, Lee T, Seagull J, <u>Park A</u>: Transfer of Training in the Development of Intracorporeal Suturing Skill in Medical Students: A Prospective Randomized Trial. **American Journal of Surgery**. 2010, 200: 537-541.

Shekhar R, Bhat V, Danekar O, Philip M, Lei P, Godinez C, Sutton E, George I, Kavic S, Mezrich R, <u>Park A</u>: Live Augmented Reality – A new visualization method for laparoscopic surgery using continuous volumetric computed tomography. **Surgical Endoscopy**. 2010, 24:1976-1985.

Ghaderi I, Vaillancourt M, Sroka G, Kaneva P, Jacob F, George I, Sutton E, Park A, Vassiliou M, Fried G, Feldman L: Performance of Simulated laparoscopic Incisional Hernia Repair Correlates with Operating Room Performance. American Journal of Surgery. 2011 Jan; 201(1): 40-5.

Seagull J, Sutton E, Lee T, Godinez C, Lee G, <u>Park A:</u> A validated subjective rating of display quality: The Maryland Visual Comfort Scale. **Surgical Endoscopy**. Feb. 2011, 25(2), pp. 567-71.

Vaillancourt M, Ghaderi I, Kaneva P, Vassiliou M, Kolozsvari N, George I, Sutton E, Seagull J, <u>Park A</u>, Fried G, Feldman L: GOALS-Incisional Hernia (GOALS-IH): a valid assessment of simulated laparoscopic Incisional hernia repair. **Surgical Innovation**. 2011, 18(1): 48-54.

Lee G, Sutton E, Clanton T, Klein R, <u>Park A</u>: Higher Physical Workload Risks with NOTES Versus Laparoscopy: A Quantitative Ergonomic Assessment. **Surgical Endoscopy**. May 2011; 25(5), pp. 1585-93.

Lahane A, Yesha Y, Grasso M, Joshi A, Park A, Lo J: Detection of Unsafe Action from Laparoscopic Cholescystectomy Video. January 28, 2012. Proceedings of the 2d ACM SIGHT International Health Symposium, pp. 315-322.

Zheng, B; Rieder E; Cassera MD; Martinec DV; Lee G; Panton ON; Park A; Swanstrom LL: Quantifying mental workloads of surgeons performing natural orifice transluminal endoscopic surgery (NOTES) procedures. **Surgical Endoscopy**. 2012 May; Vol. 26(5), pp. 1352-8.

Youssef Y, Lee G, Godinez C, Sutton E, Klein R, George I, Seagull J, <u>Park A</u>: Laparoscopic cholecystectomy poses physical injury risk to surgeons: analysis of hand technique and standing position. **Surgical Endoscopy**. July 2011; 25(7), pp. 2168-74.

Hoogerboord CM, Sutton E, Park A: Use of the falciform ligament for closure of the esophageal hiatus in giant paraesophageal hernia: How I do it. **Journal of Gastrointestinal Surgery.** July 2012, 16(7): 1417-1421.

Ghaderi I, Vaillancourt M, Sroka G, Kaneva P, Vassiliou M, Choy I, Okrainec A, Seagull J, Sutton E, Godinez C, George I, <u>Park A</u>, Brintzenhoff R, Prabhu A, Heniford T, Stefanidis D, Fried G, Feldman L: Evaluation of Surgical Performance during Laparoscopic Incisional Hernia Repair – a multicenter study. **Surgical Endoscopy**. 2011 Aug;25(8):2555-63.

Park A, Lee T: Evolution of Minimally Invasive Surgery and Its Impact on Surgical Residence Training. Minimally Invasive Surgical Oncology: State-of-the-Art Cancer Management, 9/23/2011, pp. 11.

Sutton E, Chase S, Klein R, Zhu Y, Godinez C, Youssef Y, Park A: Development of simulator guidelines for resident assessment in flexible endoscopy. **American Surgeon,** Volume 79, Number 1, January 2013, pp. 14-22(9)

Lee G, Lee M, Clanton T, Sutton E, Park A, Carswell M, Allaf M, Marohn M: Physical and Cognitive Ergonomic Workload Assessment with Robotic and Laparoscopic Surgeries Medicine Meets Virtual Reality (MMVR) (2013).

Doyle C, Park A: Laparoscopic Morgagni Hernia Repair (video) **Society of American Gastrointestinal Endoscopic Surgeons.** April 2-5, 2014; Salt Lake City, UT.

Melina C. Vassiliou, Brian J. Dunkin, Gerald M. Fried, John D. Mellinger, Thadeus Trus, Pepa Kaneva, Calvin Lyons, James K. Korndorffer Jr., Michael Ujiki, Vic Velanovich, Michael L. Kochman, Sawn tsuda, Jose Martinez, Daniel J. Scott, Gary Korus, Adrian park, Jeffrey M. Marks. Fundamentals of endoscopic surgery: creation and validation of the hands-on test. **Surgical Endoscopy**, Volume 28, Number 3, March 2014, pp. 704-711.

Park A, Lee T, Kavic S, Long-term Follow-up of a Novel Anastomotic Device in a Canine Model. **Surgical Innovations**, Volume 21, Number 2, April 2014, pp. 198-203.

Sutton E, Irvin M, Zeigler C, Lee G, Park A: The Ergonomics of Women in Surgery, **Surgical Endoscopy**, Volume 28, Number 4, April 2014, pp. 1051-1055.

Park A, Doyle C: Laparoscopic Morgagni Hernia Repair: How I Do It, **Journal of Gastrointestinal Surgery**, Volume 18, Issue 10 (2014), pp. 1858-1862. Digital Object Identifier (DOI): <a href="http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11605-014-2552-y">http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11605-014-2552-y</a>

Park A, Zahiri H, Pugh C, Vassiliou M, Voeller G: Raising the Quality of Hernia Care: Is there a need?" **Surgical Endoscopy (2015)**, 29:2061-2971, DOI 10.1007/s00464-015-4309-4. PMID: 26123329.

See One, Do One, Teach One": Inadequacies of Current Methods to Train Surgeons in Hernia Repair." **Surgical Endoscopy.** Published online July 22, 2015. Digital Object Identifier (DOI) 10.1007/s00464-015-4411-7. Volume 29, Number 10, October 2015, pp. 2867-2872.

Ghanem O, Doyle C, Sebastian R, Park A: New Surgical Approach for Giant Paraesophageal Hernia Repair: Closure of the Esophageal Hiatus Anteriorly Using the Left Triangular Ligament. **Digestive Surgery, How I Do It?** pp. 124-128.

2015, DOI: 10.1159/000375131, Published online March 7, 2015.

Belyansky I, Zahiri H, Park A: Laparoscopic Transversus Abdominis Release, a Novel Minimally Invasive Approach to Complex Abdominal Wall Reconstruction. **Surgical Innovation**, pp. 1-8. DOI: 10.1177/1553350615618290; [Epub ahead of print]. PMID: 26603694; **Surgical Innovation**, Volume 23, Number 2 (2016), pp. 134-141.

Ghanem O, Zahiri HR, Devlin S, Sibia U, Park A, Belyansky I. Laparascopic Subxiphoid Hernia Repair with Intracorporeal Suturing of Mesh to the Diaphragm as a Means to Decrease Recurrence. **Journal of Laparoendoscopic & Advanced Surgical Techniques,** Volume 26, Number 2 (2016), pp. 129-132. DOI: 10.1089/lap.2015.0518.

Yuanyuan Feng; Christopher Wong; Adrian Park; Helena Mentis. "Taxonomy of Instructions Given to Residents in Laparoscopic Cholecystectomy." **Surgical Endoscopy 2016 Mar; 30(3):1073-7.** 

Park A, Sutton E, Heniford BT. Minimally Invasive Surgery Fellowship Graduates: Their Demographics, Practice Patterns and Contributions. **Surgery**, Volume 158 (2015), Issue 6, pp. 1462-1467.

Sibia US, Connors K, Dyckman S, Zahiri HR, George I, Park AE, MacDonald JH. Potential fire hazard of bone cement in the operating room: A case study. **The American Journal of Orthopaedics**, 2016, November; 45(7):E512-E514.

O'Connor Z, Faniriko M, Thelander K, O'Connor J, Thompson D, Park A. Laparoscopy Using Room Air Insufflation in a Rural African Jungle Hospital: The Bongolo Hospital Experience, January 2006 to December 2013. **Surgical Innovation**. 2017; 24(3):264-267.

Jackson, RS, Sanders T, Park A, Buras R, Liang W, Harris C, Mylander C, Rosman M, Holton L, Singh D, Martino L, Tafra L. Prospective study comparing surgeons' pain and fatigue associated with nipple-sparing vs. skin-sparing mastectomy. Annals of Surgical Oncology; accepted for publication.

Primary vs. Redo Paraesophageal Hiatal Hernia repair: A Comparative Analysis of Operative and Quality of Life Outcomes. Zahiri HR, Weltz AS, Sibia U, Paranji N, Leydorf SD, Fantry GT, Park A. **Surgical Endoscopy, May 2017, 1-9.** DOI 10.1007/s00464-017-5583-0.

Adrian E. Park, MD, FACS; Hamid R. Zahiri, DO; M. Susan Hallbeck, PhD, Vedra Augenstein, MD, FACS; Erica Sutton, MD, FACS; Denny Yu, PhD; Bethany R. Lowndes BS, and Juliane Bingener, MD, FACS. "Intraoperative 'Micro Breaks' With Targeted Stretching Enhance Surgeon Physical Function and Mental Focus." **Annals of Surgery.** 2017 Feb;265(2):340-346 **DOI:** 10.1097/SLA.0000000000001665.

Udai S. Sibia, MD, MBA, Kip A. Waite, BA, Maura A. Callanan, MS, MBA, Adrian E. Park, MD, Paul J. King, MD, James H. MacDonald, MD. "Do shorter lengths of stay increase readmissions after total joint replacements? **Arthroplasty Today.** 2016 Jun 21;3(1):51-55 DOI: <a href="http://dx.doi.org/10.1016/j.artd.2016.05.001">http://dx.doi.org/10.1016/j.artd.2016.05.001</a>

Segmental Resection Versus Local Excision for Colonic Endometriosis Zahiri HR, Weltz AS, Sibia US, Marvel RP, **Park A**, Belyansky I – **Am Surg. 2017 June 1;83(6):210-212.** 

Operative Outcomes after Open Abdominal Wall Reconstruction with Retromuscular Mesh Fixation using Fibrin Glue Versus Transfascial Sutures. Weltz AS, Sibia US, Zahiri HR, Schoeneborn A, Park A, Belyansky I – Am Surg., 2017, Sep 1;83(9):937-942.

Zachary Sanford, MD, Adam S. Weltz, MD, Jermaine Brown, BA, Nicole Shockcor, MD, Nan Wu, MD, Adrian E Park, MD, FACS: Morgagni Hernia Repair: A Review. Surgical Innovation. PubMed (PMID: 29808766 DOI: 10.117/1553350618777063). Volume 25, Number 4, August 2018, pp. 389-399.

Lena Maier-Hein, Swaroop Vedual, Stefanie Speidel, Nassir Navab, Ron Kikinis, Adrian Park, Matthias Eisenmann, Hubertus Feussner, Germain Forestier, Stamatia Giannarou, Makoto Hashizume, Darko Katic,k Hannes Kenngott, Michael Kranzfelder, Anand Malpani, Keno Marz, Thomas Neumuth, Nicolas Padoy, Carla Pugh, Nicolai Schoch, Danail Stoyanov, Russell Taylor, Martin Wagner, Gregory D. Hager, Pierre Jannin. Surgical Data Science: Enabling next-generation surgery. Accepted to Nature Biomedical Engineering – August 15, 2017. DOI: 10.1038/s41551-017-0132-7. asXiv:1701.06482c2[cs.CY].

The Trend Toward Minimally Invasive Complex Abdominal Wall Reconstruction: Is It Worth It? Weltz AS, Sibia US, Turcotte JJ, Taylor H, Zahiri HR, Park A, Belyansky I – Surgical Endoscopy, online September 15, 2017, pp. 1-7.

M.S. Hallbeck, PhD, B.R. Lowndes, PhD, J. Bingener, MD, A. M. Abdelrahman, MBBS, D. Yu, PhD, A. Bartley MS, V. Augenstein, MD, E. Sutton, MD, A.E. Park, MD. "The Impact of Intraoperative Microbreaks with Exercises on Surgeons: A Multi-Center Cohort Study." **Applied Ergonomics. 2017 Apr;60:334-341.** doi: 10.1016/j.apergo.2016.12.006. Epub 2016 Dec 29.

Reginald Bell, MD, John Lipham, MD, Brian Louie, MD, Valerie Williams, MD, James Luketich, MD, Michael Hill, MD, William Richards, MD, Christy Dunst, MD, Dan Lister, MD, Lauren, McDowell-Jacobs, MD, Patrick Tearson, MD, Karen Woods, MD, Jon Gould, MD, F. Paul Buckley III, MD, Shanu Kothari, MD, Leena Khairan, MD, C. Daniel Smith, MD, Adrian Park, MD, Christopher Smith, MD, Garth Jacobsen, MD, Ghulam Abbas, MD, Philip Katz, MD. Laparoscopic magnetic sphincter augmentation versus douoble-dose proton pump inhibitors for management of moderate-to-severe

regurgitation in GERD; a randomized controlled trial. Accepted to Gastrointestinal Endoscopy. 2018.

Sanford Z, Weltz A, Brown J, Shockcor N, Wu N, Park A: Morgagni Hernia Repair: A Review. Surgical Innovation. 2018, Vol. 25(4) pgs. 389-399. DOI: 10.1177/1553350618777053.

Park A, Swanstrom L, Price R: Frugal Innovation: Key to Surgical Innovation (Editorial). **Surgical Innovation**. 2018, December, Vol. 25(6) 549.

Adrian Park, Adam S. Weltz, Zachary Sanford, Alex Addo, H. Reza Zahiri. Laparoscopic anti-reflux surgery (LARS) is highly effective in the treatment of select patients with chronic cough. Surgery. (2019), pgs. 1-7.

# Accepted:

**Adrian E. Park**, MD, FACS. "Physician Heal Thyself" isn't working. **Annals of Surgery.** 

AS Weltz, HR Zahiri, U Sibia, N Wu, M Yates, O Holmatova, TR Turner, A Park. Selected Patients with Chronic Cough Benefit from Laparoscopic Anti-Reflux Surgery? – accepted Journal of Gastrointestinal Surgery 2017.

Patients Are Well Served By Collis Gastroplasty When Indicated. Weltz AS, Zahiri HR, Sibia US, Wu N, Fantry GT, Park A. – Accepted to Surgery- January 27, 2017

AS Weltz, I Belyansky, J Daez, V Adu, H Zahiri, U Sibia; A Park. A Novel Approach Using The Enhyanced-View Totally Extraperitoneal (eTEP) Technique For Laparoscopic Retromuscular Hernia Repair. Accepted for Publication in Surgical Endoscopy. Accepted August 21 2017.

Igor Belyansky, H Reza Zahiri, Zachary Sanford, Adam S Weltz, Adrian Park: Early Operative Outcomes of Endoscopic (eTEP access) robotic assisted retromuscular abdominal wall hernia repair. **Hernia. Accepted June 16, 2018.** (DOI 10.1007/s10029-018-1795-z)

H. Reza Zahiri DO, Igor Belyansky MD, Adrian Park MD. Current Problems in Surgery: Abdominal Wall Hernia. Volume 55, Number 8, August 2018, pp. 286-317.

Adrian E. Park, MD, FACS; Hamid R. Zahiri, DO; M. Susan Hallbeck, PhD, Vedra Augenstein, MD, FACS; Erica Sutton, MD, FACS; Denny Yu, PhD; Bethany R. Lowndes BS, and Juliane Bingener, MD, FACS. "Intraoperative 'Micro Breaks' With Targeted Stretching Enhance Surgeon Physical Function and Mental Focus: A

Multicenter Cohort Study." (Response to a Letter to the Editor) Accepted to the **Annals of Surgery.** December 2018.

Yuanyuan Feng, Adrian Park, Helena Mentis, Andrea Kleinsmith, Azin Semsar, Hannah McGowan, Katie Li, Jacqueline Mun, Hamil Zahiri, Ivan George. Communication Cost of Single-user Gesturing Tool in Laparoscopic Surgical Training. Accepted for the 2019 ACM Conference on Human Factors in Computing Systems.

Alex Addo, Andrew Broda, Allison Estep, Richard Lu, H. Reza Zahiri, Justin Turcotte, Igor Belyansky. "Hybrid vs Open Abdominal Wall Reconstruction: Early Outcomes." (Abstract) Accepted for podium presentation at the 2019 American Hernia Society Annual Meeting. Las Vegas, NV, March 11-14 2019.

Alex Addo, Stephanie Parlacoski, Andrew Broda, H. Reza Zahiri, Richard Lu, Justin Turcotte, Igor Belyanksy. "The Enhanced-View Totally Extraperitoneal Robotic Rives-Stoppa Abdominal Wall Reconstruction: A Review of Outcomes." (Abstract) Accepted for podium presentation at the 2019 American Hernia Society Annual Meeting. Las Vegas, NV, March 11-14 2019.

Alex Addo, Andrew Broda, Richard Lu, H. Reza Zahiri, Justin Turcotte, Igor Belyansky. "Modified Retromuscular Sugarbaker with Transversus Abdominis Release via Enhanced-View Totally Extraperitoneal (eTEP) Access: Single-Center Experience." (Abstract) Accepted for eposter presentation at the 2019 American Hernia Society Annual Meeting. Las Vegas, NV, March 11-14 2019.

Alex Addo, E. Reilly Scott, A. Moneim Mohamed Ali, Zachary Sanford, Adam S. Weltz, H. Reza Zahiri, Adrian Park. "Resolution of Anemia and Improved Quality of Life Following Laparoscopic Hiatal Hernia Repair". (Abstract) Accepted for podium presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Alex Addo, Stephanie Parlacoski, Zachary Ewart, Andrew Broda, Richard Lu, H. Reza Zahiri, Igor Belyanksy. "Comparative Review of Outcomes: Laparoscopic and Robotic Enhanced-View Totally Extraperitoneal Rives-Stoppa Abdominal Wall Reconstruction". (Abstract) Accepted for podium presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Zachary Sanford, T. Robert Turner, Ivan George, Alex Addo, Helena Mentis, H. Reza Zahiri, Adam S. Weltz, Adrian Park. "A novel use of multi-perspective two-dimensional versus single perspective two-dimensional view in laparoscopy". (Abstract) Accepted for eposter presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019

Alex Addo, Zachary Sanford, Adam S. Weltz, James Clemmens, Udai Sibia, H. Reza Zahiri, T. Robert Turner, Adrian Park. "Normal Johnson-DeMeester Scores should not

preclude patients from Anti-Reflux Surgery". (Abstract) Accepted for eposter presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Alex Addo, Andrew Broda, Allison Estep, Richard Lu, Justin Turcotte, H. Reza Zahiri, Igor Belyansky. "Early Perioperative Outcomes in Obese Patients Undergoing Minimally Invasive Abdominal Wall Reconstruction". (Abstract) Accepted for eposter presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Richard Lu, Alex Addo, Allison Estep, H. Reza Zahiri, Igor Belyansky. "Complications of Minimally Invasive Abdominal Wall Reconstruction: A single institution experience." (Abstract) Accepted for eposter presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Allison Estep, Alex Addo, Andrew Broda, Richard Lu, H. Reza Zahiri, Igor Belyansky. "The Perioperative Outcomes of Minimally Invasive versus Open Transversus Abdominis Release in Patients Undergoing Abdominal Wall Reconstruction." (Abstract) Accepted for eposter presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Adam S. Weltz, Nolan Marks, Javaneh Jabbari, Zachary Sanford, Alex Addo, Adrian Park. "Laparoscopic repair of parahiatal hernia with falciform ligament flap and left triangular ligament flap hiatoplasty". (Abstract) Accepted for video presentation at the 2019 SAGES Annual Meeting. Baltimore, MD, April 3-6 2019.

Alex Addo, Zachary Sanford, Adam S. Weltz, James Clemmens, Udai Sibia, H. Reza Zahiri, T. Robert Turner, Adrian Park. "Normal Johnson-DeMeester Scores should not preclude patients from Anti-Reflux Surgery". (Abstract) Podium presentation at the Maryland ACS conference March 23, 2019.

Alex Addo, E. Reilly Scott, A. Moneim Mohamed Ali, Zachary Sanford, Adam S. Weltz, H. Reza Zahiri, Adrian Park. "Resolution of Anemia and Improved Quality of Life Following Laparoscopic Hiatal Hernia Repair". (Abstract) Podium presentation at the Maryland ACS conference March 23, 2019.

Adrian Park, Shyam Jayaraman, Zachary Sanford, Adam S. Weltz, H. Reza Zahiri. The role of body mass index in determining clinical and quality of life outcomes after laparoscopic anti-reflux surgery. Submitted to Surgical Endoscopy January 24, 2019.

## **Submitted:**

Sutton E, Kavic S, Roth JS, Park A: Prospective Monitoring of Surgical Trainee Endoscopy Volumes. **Surgical Endoscopy**.

Adrian Park MD FACS, Adam S. Weltz MD, Zachary Sanford MD, H. Reza Zahiri DO: Selected patients with chronic cough benefit from laparoscopic anti-reflux surgery (LARS). **Submitted to Annals of Surgery June 20, 2018.** 

Bell RC, Lipham JC, Louie BE, Williams VA, Luketich JD, Hill MA, Richards O, Dunst CM, Lister DG, McDowell-Jacobs LE, Reardon PR, Woods KL, I Gould JC, Buckley F, Kothari SN, KIhaitan L, Smith CD, Park A, Smith CC, Jacobsen GR, Abbas G, Katz PO. The LINX Reflux Management System vs. Double-Dose Proton Pump Inhibitors for Management of Moderate to Severe Regurgitation in GERD: A Randomized Controlled Trial. Submitted to JAMA December 15, 2017.

Yuanyuan Feng, MS, Hannah McGowan, Azin Semsar, MS, Hamid R. Zahiri, DO, Ivan M. George, MS, Timothy Turner, PhD, Adrian Park, MD, Andrea Kleinsmith, PhD, Helena M. Mentis, PhD. Virtual Pointer for Gaze Guidance in Laparoscopic Surgery. Submitted to SAGES Emerging Tech. Submitted December 21, 2017.

Park, Adrian, Weltz, Adam, Sanford, Zachary, Sibia, Udai, Zahiri, Hamid. Selected Patients with Chronic Cough Benefit from Laparoscopic Anti-reflux Surgery. Submitted to British Journal of Surgery. January 30, 2018.

Igor Belyansky, H. Reza Zahiri, Zachary Sanford, Adam S. Weltz, Adrian Park. Early operative outcomes of endoscopic (eTEP access) robotic assisted retromuscular abdominal wall hernia repair. Submitted to *Hernia*. Submitted April 19, 2018.

Bell RC, Lipham JC, Louie BE, Williams VA, Luketich JD, Hill MA, Richards O, Dunst CM, Lister DG, McDowell-Jacobs LE, Reardon PR, Woods KL, I Gould JC, Buckley F, Kothari SN, KIhaitan L, Smith CD, Park A, Smith CC, Jacobsen GR, Abbas G, Katz PO. The LINX Reflux Management System vs. Double-Dose Proton Pump Inhibitors for Management of Moderate to Severe Regurgitation in GERD: A Randomized Controlled Trial. Submitted to Gastrointestinal Endoscopy (GIE) June 2018.

Lena Maier-Hein, Matthias Eisenmann, Carolin Feldmann, Hubertus Feussner, Germain Forestier, Stamatia Giannarou, Bernard Gibaud, Gregory D. Hager, Makoto Hashizume, Darko Katic, Hannes Kenngott, Ron Kikinis, Michael Kranzfelder, Anand Malpani, IKeno Marz, Beat Muller-Stich, Nassir Navab, Thomas Neumuth, Nicolas Padoy, Adrian Park, Carla Pugh, Nicolai Schoch, Danail Stoyanov, Russell Taylor, Martin Wagner, S. Swaroop Vedula, Pierre Jannin, Stefanie Speidel.Surgical Data Science: A Consensus Perspective. **Submitted June 8, 2018.** arXiv: 1806.03184v1 [cs.CY] 8 June 2018

Elishiah Miller, Adrian Park, Helena Mentis. Mobile Sensing of Hand and Finger Gestures For Sterile Medical Image Interaction Using Wearable Continuous Wave Doppler Radar. Computer Human Interaction (CHI) submitted September 21, 2018.

Yuanyuan Feng, Adrian Park. Communication Cost of Single User Gesture Tool in Laparoscopic Surgical Training. Submitted to Computer Human Interaction (CHI) September 14, 2018.

Yuanyuan Feng, Adrian Park, Helena Mentis, Andrea Kleinsmith, Azin Semsar, Hannah McGowan, Katie Li, Jacqueline Mun, Hamil Zahiri, Ivan George. Communication Cost of Single User Gesturing Tool in Laparoscopic Surgical Training. Communication analysis paper submitted to CHI 2019 Conference.

Yuanyuan Feng, Adrian Park, Helena Mentis, Andrea Kleinsmith, Azin Semsar, Hannah McGowan, Katie Li, Jacqueline Mun, Hamil Zahiri, Ivan George. Communication Cost of Single-user Gesturing Tool in Laparoscopic Surgical Training. Submitted to ACM Digital Library January 28, 2019.

Adrian Park MD, Azin Semsar. How Trainees Use the Information from Telepointers in Remote Instruction (Abstract). Submitted to CSCW 2019 March 27, 2019.

## Manuscripts, Reports, Syllabi. (Non-Peer Reviewed Publications)

## **Published:**

Park A, The role of ERCP in the Management of Choledocholithiasis in the Laparoscopic Era. Symposium on Common Bile Duct Stones: Detection and Management in the Era of Minimally Invasive Surgery. Seattle, Washington, April 1998.

Park A, Tandy T: Laparoscopic Re-do Nissen Fundoplication in Patients With Failed Belsey Mark IV Fundoplication via Left Chest Approach. **University of Kentucky Case Report**; Oct. 1998.

Park A, Tandy T: Laparoscopic Heller's Myotomy for the Treatment of Recurrent Achalasia. **University of Kentucky Case Report**; Oct. 1998.

Park A, Tandy T: Laparoscopic Distal Pancreatectomy and Splenectomy in A Patient With Insulinoma. **University of Kentucky Case Report**; Feb. 1999.

Park A, Roth S: Laparoscopic Splenectomy by the Lateral Approach-Experience and Results. Symposium on Laparoscopic Solid Organ Surgery: How, What, When, and Why? San Antonio, TX, March 24, 1999.

Heniford T, <u>Park A</u>, Voeller G: Laparoscopic Ventral Incision Hernia Repair. **Surgical Prospectus**; March 1999.

Park A, Birch D: Update in GI Minimally Invasive Surgery. **American College of Gastroenterology**; Regional Post Graduate Course. Louisville, KY, June 1999.

Park A, Birch D: M.I.S. Past, Present and Future. **Seventh Annual SGNA Multi-Regional Conference**; (Syllabus) Lexington, KY, Sept. 25, 1999.

Park A, Birch D: Laparoscopic Splenectomy: Strategies for Management of the Big Spleen. **American College of Surgeons**; Clinical Congress. Post Graduate Course. Oct. 1999.

Park A, Birgisson G: Minimally Invasive Surgery for Non-Colonic GI Cancer. **Advances** in **Minimally Invasive GI Cancer Therapy**; (Syllabus) Lexington, KY, Nov. 12, 1999.

Park A, Chu U: Treatment of Incisional Hernia: Laparoscopic Repair. **17**<sup>th</sup> **Annual Controversies, Problems and Techniques in Surgery**; (Syllabus) New York, NY December 8, 2000.

Park A, Witzke D: The Challenge of Teaching, Training and Establishing Competencies in New Surgical Techniques. **Catholic Risk Management Forum Annual Conference**; (Syllabus) May 17 – 19:2001; Tampa, FL.

Weiss C, <u>Park A</u>: Surgical Repair of Incisional Hernias. **SSAT**; Patient Care Guidelines 2001.

Park A: Complication of Laparoscopic Splenectomy. Post Graduate Course: "When Bad Things Happen to Good Surgeons: Avoiding and Treating Complications of Laparoscopic Surgery". **8**<sup>th</sup> **World congress of Endoscopic Surgery**; (Syllabus) New York, NY, March 14, 2002.

Park A, Weiss C: Laparoscopic Splenectomy: Approaches, Pearls and Pitfalls. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress; San Francisco, CA, October 2002.

Park A: Laparoscopic Splenectomy for ITP. 2002 Update Course in Minimally Invasive Surgery. **St. Michael's Hospital**; (Syllabus) November 15, 2002; Toronto, Canada.

Park A: Laparoscopic Incisional Hernia Repair. **Royal College of Physicians and Surgeons of Canada Lecture** (keynote address); (Syllabus). November 15, 2002; Toronto, Canada.

Cogdon C, Lovell M, Knapp C, <u>Park A</u>, Rouch K, Baker J: Numerical Analysis of an Anastomatic Device. **Computer Methods in Biomechanics and Biomedical Engineering**., 2002, 5 (1) 53.

Park A, Adrales G: Difficult Problems and Complications of Laparoscopic Surgery. "Solid Organ: Spleen and Adrenal". **Southeastern Surgical Congress**; (Syllabus). February 8, 2003; Savannah, Georgia.

Park A: Managing Complication of Incisional Hernia Repair. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress. October 22, 2003; Chicago, IL.

Park A: Laparoscopic Approaches to Pancreatic Tumors. Post Graduate & Hands-On Course. **Society of American Gastrointestinal Endoscopic Surgeons**; (Syllabus); March 31-April 3, 2004; Denver, CO.

Park A, Kavic S: Massive Splenomegaly. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress. October 10 - 14, 2004; New Orleans, LA.

Park A, Mastrangelo M, George I: "Smart Image" approach to Solid Organ Resection. **Society of American Gastrointestinal Endoscopic Surgeons**; (Syllabus); April 13-16, 2005; Hollywood, Florida.

Park A, Segan R: Tissue Transection and Bowel Anastomosis. 33<sup>rd</sup> Annual Spring Meeting. **American College of Surgeons**; (Syllabus); April 16-19, 2005; Hollywood, Florida.

Park A: Innovations in Surgery. Advances in Enabling Technologies for Surgery Workshop. **Medicine Meets Virtual Reality 14**. (Syllabus) January 24-27, 2006; Long Beach, California.

Park A: Surgical Treatment of GERD. GERD: The Burning Issues. **University of Maryland**; (Syllabus) April 7, 2006; Baltimore, Maryland.

Park A: North American Experience. Laparoscopic Colonic Surgery. **77**<sup>th</sup> **Argentine Congress of Surgery**. (Syllabus) November 16-19, 2006; Buenos Aires, Argentina.

Park A: Laparoscopic Splenectomy. Laparoscopic Surgery of the Spleen, Kidney and Adrenal Glands. (Syllabus) 77<sup>th</sup> **Argentine Congress of Surgery**. November 16-19, 2006; Buenos Aires, Argentina.

Park A: Lap Distal Pancreatectomy. Hepato-Pancreato-Biliary Surgery. **77**<sup>th</sup> **Argentine Congress of Surgery**. November 16-19, 2006; Buenos Aires, Argentina.

Park A: Laparoscopic Treatment. Laparoscopic Treatment of Gastroesophageal Reflux. **77**<sup>th</sup> **Argentine Congress of Surgery**. (Syllabus) November 16-19, 2006; Buenos Aires, Argentina.

Park A, Adrales G: Laparoscopic Pancreatic Surgery. Selected Topics in Surgery Symposium. **Lutheran Medical Center**. (Syllabus) November 30-December 1, 2006; Manhattan, New York.

Park A: Laparoscopic Management of General Surgery Emergencies. Update in General Surgery 2007 – **47**<sup>th</sup> **Annual course for Practicing Surgeons**. (Syllabus) March 29-31, 2007; Toronto, Ontario.

Park A, Catania R: NOTES: Natural Orifice Translumenal Endoscopic Surgery. Update in General Surgery 2007 – **47**<sup>th</sup> **Annual course for Practicing Surgeons**. (Syllabus) March 29-31, 2007; Toronto, Ontario.

Seagull J, Moses G, <u>Park A</u>: Integration of Virtual Reality and Conventional Skills Trainers: A Mixed Resource Model. **The Proceedings of Medicine Meets Virtual Reality 16**. IOS Press, January 2008, 132:446-449.

Lee T, Park A: Pneumoperitoneum after Prior Surgery". **3<sup>rd</sup> International Congress of Lap Colorectal Surgery**. (Syllabus) February 12-13, 2008. Fort Lauderdale, FL.

Godinez C, Park A: The Role of Simulation in Colon Surgery Training". **19**<sup>th</sup> **Annual International Colorectal Disease Symposium**. (Syllabus) February 19-21, 2008. Fort Lauderdale, FL.

Park A: Technical Pearls & Pitfalls of LVH. **8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium**. February 19-23, 2008. Steamboat Springs, Colorado.

Park A: What to do when mesh repairs fail. **8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium**. February 19-23, 2008. Steamboat Springs, Colorado.

Moses G, Seagull F, George I, Park A: The MASTRI Center: Medical Simulation for Skill Acquisition. MASTRI Center Website http://mastri.umm.edu/

Park A: Surgeon Q&A: Surgical Simulation Training. **Surgical Products**. August 12, 2009 Advantage Business Media <a href="http://www.surgicalproductsmag.com/scripts/">http://www.surgicalproductsmag.com/scripts/</a>

Park A: Abdominal Wall Reconstruction. American Board of Surgery SCORE online text/syllabus/learning resource (Pending http).

Zahiri, HR, Marvel R, Park A, Belyansky I. "Intraoperative Assessment to Select Segmental Resection vs. Local Excision for Colonic Endometriosis." (Quick Shot Presentation). 10<sup>th</sup> Annual Academic Surgical Congress, February 3-4, 2015, Las Vegas, NV.

Uchenna A. Uchidiuno, MS, Yuanyuan Feng, MS, Hamid R. Zahiri, MD, Ivan George, Adrian Park, MD, FACS, Helena Mentis, PhD. "Efficiency and Accuracy of Kinect and Leap Motion Devices Compared to the Mouse for Intraoperative Image Manipulation>" AMIA 2015 Annual Symposium, November 14-18, 2015, San Fancisco, CA.

## Accepted:

"Comparative assessment of physical and cognitive ergonomics associated with robotic and traditional laparoscopic surgeries" Accepted September 5, 2013.

## **Submitted:**

Zahiri H, Sibia U, Gilbert I, Ghanem O, Park A, Belyansky I. Operative and Quality of Life Assessment Post Abdominal Wall Reconstruction with Nonabsorbable Mesh for Ventral and Incisional Hernias. **Hernia**.

## **Books and Book Chapters**

## **Published:**

Roth S, Birch D, Mastrangelo M, <u>Park A</u>: Minimally Invasive Abdominal Surgery: An Update – Board Review Manual. Turner White Communications, 1999; Vol 5. Part 4.

Park A: The Lateral Approach to Laparoscopic Splenectomy. in Zucker K: Surgical Laparoscopy 2<sup>nd</sup> Edition. Phil\*\*; Lippincott Williams & Wilkins; 2001,pp 625-634.

Park A, Birch D: Minimally Invasive Bypass Surgery for Pancreatic Carcinoma. Greene F, Heniford T (eds): Minimally Invasive Cancer Management, New York, Springer, 2001, pp131-142.

Park A, Mastrangelo M, Gandsas A, Chu U, Quick N: Laparoscopic Dissecting Instruments. McFadyen B, Cushieri A(eds) Seminars in Laparoscopy Surgery, Vol. 8 (1); W.B. Saunders Company, (March) 2001, 8(1): 42-52.

Weiss C, <u>Park A</u>: The Lateral Laparoscopic Approach. Problems in General Surgery. Lippincott Williams and Wilkins. 2002; 19(3):29-35.

Weiss C, <u>Park A</u>: Laparoscopic Incisional Hernia Repair. Problems in General Surgery; Heniford T(eds). 2002; 19(4): 59-64.

Park A, Heniford T. Minimally Invasive Pancreatic Pseudocyst Surgery. Advances in Minimally Invasive Therapy and New Technologies in General and Digestive Surgery. Targarona EM, Trias M(eds). 2003; pp 316-320.

Adrales G, <u>Park A</u>: Technological and Instrumentation Aspects of Laparoscopic Hernia Surgery. In: LeBlanc K.(ed) Laparoscopic Hernia Surgery: An Operative Guide. London: Arnold Publishers. 2003; pp 7-15.

McKinlay R, <u>Park A</u>: Splenectomy for Hematologic Disease. In: Cameron, J., (Ed), Current Surgical Therapy, 8<sup>th</sup> (ed). Graphic World Publishing. 2004; pp 533-536.

Park A: Laparoscopic Splenectomy. In: Cameron, J., (Ed), Current Surgical Therapy, 8<sup>th</sup> (ed). Elsevier Science. 2004; pp 1254-1258.

Park A, McKinlay R: Laparoscopic Ventral Hernia Repair. In: Cameron J., (Ed), Advances in Surgery. Elsevier St. Louis. 2004; Vol 38 (3) pp 31-45.

Park A, McKinlay R: Laparoscopic Ventral Hernia Repair. Disease-a-Month, Advances in Surgery. Elsevier St. Louis. November 2004; Vol 50 (11) pp 591-593.

Gandsas A, Adrales G, <u>Park A</u>: Simulation in General Surgery. Lake, Loyd, and Greenberg: Practical Healthcare Simulations. Elsevier/Hanley & Belfus. 2004; pp 341-354.

Park A, McKinlay R: Spleen. In: Brunicardi C.F., (Ed), Schwartz's Principles of Surgery 8E, Chapter 33. McGraw-Hill; 2004; pp1297-1315.

Adrales G, <u>Park A</u>: Laparoscopic Appendectomy. Mastery of Endoscopic and Laparoscopic Surgery 2e. Lippincott, William & Wilkins. 2004; pp 429-435.

Segan R, <u>Park A</u>: Training Competent Minimal Access Surgeons: Review of Tools, Metrics, and Techniques Across the Spectrum of Technology. Surgical Technology International XIII. Universal Medical Press. 2005; pp 25-32.

Kavic S, <u>Park A</u>: Laparoscopic Splenectomy. Advanced Therapy in Minimally Invasive Surgery, Chapter 33. Talamini, BC Decker. 2006; pp 269-272.

Park A: Written Commentary on Ventral Hernia. Atlas of Minimally Invasive Surgery. Cine-Med, Inc. 2006; pp 567-568.

Park A, Witzke D: Education and Training. Controversies in Laparoscopic Surgery. Springer-Verlag. 2006; pp 1-13.

Park A, McKinlay R: Spleen. In: Brunicardi C.F., (Ed), Schwartz's Manual of Surgery 8E Companion Handbook, Chapter 33. McGraw-Hill. 2006; pp 879-896.

Park A, Kavic S: Laparoscopic ventral and incision hernia repair. In: Cameron, J., (Ed), Current Surgical Therapy, 9<sup>th</sup> (ed). Elsevier Science. 2008; pp 1292-1295.

Turner P, Park A: Laparoscopic Repair of Ventral Incisional Hernias: Pros and Cons. In: Surgical Clinics of North America, Advances in Abdominal Wall Hernia Repair. Elsevier Saunders Feb 2008; Vol 88 (1) pp 85-100.

Seagull J, Moses G, <u>Park A</u>: Pillars of a Smart, Safe Operating Room. In: Advances in Patient Safety: New Directions and Alternative Approaches, Vol 3 Performance and Tools. AHRQ Publication No. 08-0034-3. Rockville, MD: Agency for Healthcare Research and Quality. August 2008; pp 235-247.

Park A, Godinez C: Spleen. In: Brunicardi C.F., (Ed), Schwartz's Principles of Surgery 9E, Chapter 34. McGraw-Hill. 2009; pp 1245-1265.

Catania R, <u>Park A</u>: Laparoscopy and Endoscopy in Organ Transplant. In: Soper NJ and Swanstrom LL, eds. Mastery of Endoscopic and Laparoscopic Surgery 3e. Lippincott, William & Wilkins. 2009; pp 606-616

Park A: Introduction. In: Park A and Klein RV, eds. Minimally invasive surgery training: theories, methods, outcomes [Internet]. Washington: Department of Health & Human Services (US), National Institutes of Health, National Library of Medicine 2010. Online http://mastri.umm.edu/NIH-Book.

Sutton E. Park A: Simulaiton's Role in Surgical Training. In: Park A and Klein RV, eds. Minimally invasive surgery training: theories, methods, outcomes [Internet]. Washington: Department of Health & Human Services (US), National Institutes of Health, National Library of Medicine 2010. Online <a href="http://mastri.umm.edu/NIH-">http://mastri.umm.edu/NIH-</a> Book.

Park, A, Moses, G: Funding for Simulation Centers and Simulation Research, (Chapter 49). In: Textbook of Simulation: Skills and Team Training, by D. Jones, Cine-Med Inc., March 2012; pp 517-524.

Sutton E, Park A. Laparoscopic Kidney Harvest for Transplantation. In: Murayama, Chand, Nagle, Mikami, Kothari eds. Evidence Based Approach to Minimally Invasive Surgery. Cine-Med Publishing, Inc. 2012; pp 437-449.

Sutton E, Park A. Training Standards/Fellowship council. In: Jones DB, Tichansky D, Morton J, eds. SAGES Quality, Outcomes and Safety Manual. Springer-Verlag New York, LLC (In Press-Pub. Date: September 2012, pp. 417- 423.

LoMenzo E, Park A. Infected Field Hernia Repair. In: Master Techniques in Surgery - Hernia, Daniel B. Jones, Chapter 27, 2013; pp. 289-304.

Park, A. Laparoscopic Pancreatic Pseudocyst Drainage. In: Atlas of Advanced Operative Surgery, Vijay P. Khatri, MBChB, FACS, Chapter 34, 2013; pp. 255-260.

Kavic S, Park A: Bridging versus Closing the Defect During Laparoscopic Ventral Hernia Repair: It is OK to Bridge. The SAGES Manual of Hernia Repair, 2013, pp. 445-453.

Stoddard, T, Park A: Hematologic Indications for Splenectomy. In: Cameron, J., (Ed), Current Surgical Therapy, 11<sup>th</sup> (ed). Elsevier, Inc., The Spleen, 2014, pp. 517-520.

Park A, Targarona E, Belyansky I: Spleen. In: Brunicardi C.F., (Ed), Schwartz's Principles of Surgery 8E, Chapter 33. McGraw-Hill; 2004; pp. 1297-1315.

Belyansky I, Park A: Treatment of Parastomal Hernias. In Abdominal Wall Reconstruction, Chapter 25, 2014; pp. 191-200.

Park A, Targarona E, Belyansky I: Spleen. In: Brunicardi C.F., (Ed), Schwartz's Principles of Surgery, 10<sup>th</sup> Edition, Chapter 34. McGraw Hill; 2015; pp. 1423-1448.

Hallbeck, MS, Lowndes, BR, Bingener, J, Abdelrahman, AM, Yu, D, Bartley, **A Park**, AE. (In Press). The Impact of Intraoperative Microbreaks with Exercises on Surgeons: A Multi-Center Cohort Study. Journal of Applied Ergonomics, 0.1016/j.apergo.2016.12.006 **Applied Ergonomics** 60 (2017) 334-341.

HR Zahiri and AE Park. "The Ergonomic Minimally Invasive Surgical/Endoscopy Suite with Adrian Park", *Current Operative Endoscopic and Minimally Invasive Surgery*. 2015, April. Daniel B. Jones & Steven D. Schwaitzberg, epub (2019). pp. 1-9.

Park A, Price R (Eds) Global Surgery-the Essentials. New York: Springer 2017.

Lena Maier-Hein, Swaroop S. Vedula, Stefanie Speidel, Nassir Navab, Ron Kikinis, Adrian Park, Matthias Eisenmann, Hubertus Feussner, Germain Forestier, Stamatia Giannarou, Makoto Hashizume, Darko Katic, Hannes Kenngott, Michael Kranzfelder, Anand Malpani, Keno März, Thomas Neumuth, Nicolas Padoy, Carla Pugh, Nicolai Schoch, Danail Stoyanov, Russell Taylor, Martin Wagner, Gregory D. Hager & Pierre Jannin. "Surgical Data Science for Next-Generation Interventions." Nature Biomedical Engineering. Volume 1, pages 691–696 (2017).

Adrian Park, Atlas of Minimally Invasive Surgical Operations, Chapter 41, Splenectomy. Pp. 334-337. Copyright 2018 by McGraw-Hill Education.

A Park MD, MS Hallbeck PhD. Response to Comment on Intraoperative Micro Breaks With Targeted Stretching Enhance Surgeon Physical Function and Mental Focus: a Multicenter Cohort Study. **Annals of Surgery.** 269(5):e66-e67, May 2019.

Adrian E. Park, Eduardo M. Targarona, Adam S. Weltz, and Carlos Rodriguez-Otero Luppi: In: Brunicardi C.F., (Ed), Schwartz's Principles of Surgery 11<sup>th</sup> Edition, Volume 2, The Spleen, Chapter 34. McGraw-Hill; 2019; pp 1517 - 1547.

H. Reza Zahiri and Adrien E. Park. In: Operative Endoscopic and Minimally Invasive Surgery, 1<sup>st</sup> Edition. CRC Press, Daniel B. Jones & Steven Schwaitzberg, MD (Editors). pp. 222-228.

Zachary Sanford, Adam Weltz, Justin Miller, T. Robert Turner, Alex Addo, Richard Lu, Adrian Park MD. "Update on the durability and performance of Collis Gastroplasty for Chronic GERD and Paraesophageal Hernia at Four Years Post-Intervention." Submitted to Journal of Gastrointestinal Surgery.

H. Reza Zahiri DO, Alex Addo MD MPH, Adrian Park MD FACS: Musculoskeletal Disorders in Minimally Invasive Surgery, Advances in Surgery (2019), Volume 53. Cameron. pp. 209 - 220

## Accepted:

Sutton E, Park A. Ergonomics in Operating Room Design. The SAGES Manual: Fundamentals of Laparoscopy, Thorascopy, and GI Endoscopy. 3 ed., volume 1, chapter 4. Springer Science / Business Media, Inc., New York (In Press).

Bell RC1, Lipham JC2, Louie BE3, Williams VA4, Luketich JD5, Hill MA6, Richards WO7, Dunst CM8, Lister DG9, McDowell-Jacobs LE10, Reardon PR11, Woods KL11, Gould JC12, Buckley F13, Kothari SN14, Khaitan L15, Smith CD16, Park A17, Smith CC18, Jacobsen GR19, Abbas G20, Katz PO21. Laparoscopic magnetic sphincter augmentation versus double-dose proton pump inhibitors for management of moderate-to-severe regurgitation in GERD: a randomized controlled trial. Gastrointestinal Endoscopy, 2018 Jul 18. pii: S0016-5107(18)32848-7. doi: 10.1016/j.gie.2018.07.007. [Epub ahead of print].

Dr. Adrian Park, Dr. H. Reza Zahiri, Dr. Zachary Sanford, Dr. Adam Weltz. Demographic-related variables impact subjective experiences of patient wait times and perceived attention afforded in surgical outpatient clinic encounters. Accepted to The American Journal of Surgery on April 2019; S0002-9610(19)30060-1 [Epub ahead of print]. DOI 10.1016/j.amjsurg.2019.04.004. PMID 31010578.

Alex Addo, E. Reilly Scott, A. Moneim Mohamed Ali, Zachary Sanford, Adam S. Weltz, H. Reza Zahiri, Adrian Park. "Resolution of Anemia and Improved Quality of Life

Following Laparoscopic Hiatal Hernia Repair". Accepted for publication in Surgical Endoscopy, June 2019.

John Lipham; Brian Louie; Valerie Williams; Luke Tichjd; M Hill; B Richards; Christy Dunst; D. Lister; Lauren Jacobs; P. Reardon; K. Woods; Jon Gould MD; P Buckley; Leena Khaitan; C. Daniel Smith; Adrian Park, MD; Chris C. Smith MD; G Jacobsen; G Hulam. Magnetic Sphincter augmentation superior to proton pump inhibitors for regurgitation – 1-year randomized controlled trial. Accepted by Clinical Gastroenterology and Hepatology. August 2019.

Yuanyuan Feng MS, Hannah McGowan BS, Azin Semsar MS, Hamid R. Zahiri DO, Ivan M. George MS, Adrian Park MD, Andrea Kleinsmith Ph.D, Helena Mentis Ph.D. Virtual Pointer for Gaze Guided in Laparoscopic Surgery. Accepted. Surgical Endoscopy, July 24, 2019.

Elisha Miller, Zheng Li, Helena Mentis, Adrian Park, Ting Zhu, Nilanjan Banerjee. RadSense: Enabling One Hand and No Hands Interaction for Sterile Manipulation of Medical Images using Doppler Radar. Accepted to the 2019 IEEE/ACM 4<sup>th</sup> International Conference on Connected Health: Applications, Systems and Engineering Technologies. March 17, 2019.

## **Submitted:**

**Robotic Parastomal Hernia Repair using eTEP Access**. Alex Addo, Richard Lu, Igor Belyansky. Publisher: Springer. Editor: Karl LeBlanc. Submitted 2018.

**Diastasis Recti Repair using eTEP Access.** Richard Lu, Alex Addo, Igor Belyansky. Publisher: Springer. Editor: Karl LeBlanc. Submitted 2018.

Predicting Quality of Collaboration in Surgical Trainer-Trainee Dyads Using Electrodermal Activity. Andrea Kleinsmith, Helena Mentis, Ivan M. George, Adrian Park, Hamid Zahiri, Hannah McGowan, Yuanyuan Feng. Submitted to IUI2019 conference, October 2018.

Demographic-related variables impact subjective experiences of patient wait times and perceived attention afforded in surgical outpatient clinic encounters. H. Reza Zahiri DO FACS, Zachary Sanford MD, Adam S. Weltz MD, Adrian Park MD FACS. Submitted to The Journal of the American College of Surgeons.