

Yasir M. Akmal

PLACE OF BIRTH: CINCINNATI, OHIO

EDUCATION

POSTGRADUATE TRAINING

Trinity College Dublin (T.C.D.) Dublin, Ireland	MB BCh BAO, BA (MD) 1998-2003
University of Southern California (U.S.C.)	B.S. Exercise Science 1994-1998
Gretchen Whitney High School Cerritos, CA	Diploma 1990-1994

City of Hope National Medical Center
Department of General Oncologic Surgery

Surgical Oncology Fellow
July 2009 – June 2011

Geisinger Medical Center (GMC)
Department of Surgery

Categorical Resident
July 2004 – June 2009

LAC-USC Medical Center
Department of Surgery

Preliminary Intern
July 2003 - June 2004

WORK EXPERIENCE

Cleveland Clinic Abu Dhabi (CCAD)
Digestive Disease Institute
Abu Dhabi, UAE

Consultant Surgeon
November 2014 - present

**Kaiser Permanente -
Los Angeles Medical Center**

Surgical Oncologist
August 2011 – September 2014

Associate Program Director
General Surgery Residency
September 2012 – September 2014

**Long Beach Memorial
Medical Center**
Neonatal/Perinatal Research

Research Assistant
June 1996 – July 2002

AWARDS/HONORS

Kaiser Permanente Department of Surgery John Winkley Teaching Award	2013-2014
Kaiser Permanente Merit Award	2012
Kaiser Permanente Department of Surgery John Winkley Teaching Award	2011-2012
American Society of Clinical Oncology (ASCO) ASCO Cancer Foundation Merit Award	2010
GMC ABSITE Award	2008
GMC Service Hero Award	May 30, 2008
GMC Surgery 2007 10th Annual Departmental Research Award – 2nd place winner	May 2, 2007
Geisinger Medical Center – Surgery Intern of the Year	2004-2005
T.C.D. Varsity Basketball Team	1998-2000
Cavan Basketball Tourney M.V.P.	1999
U.S.C. Student Senate Achievement Award	1997,1998
U.S.C. Dean's List	1994, 1998
California Classic Basketball Tourney All-Star	1996
Alpha Sigma Delta Honour Society	1994-1995

CERTIFICATIONS/LICENSES

Fellow American College of Surgeons	October 26, 2014
American Board of Surgery Certification	February 22, 2010
California Medical License	Active
DEA License	Active

COMMITTEES

CCAD Physician Engagement Committee	2015-present
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CCAD Robotics Committee	2014-present
Kaiser Permanente Regional Robotics Committee	2012-2014
Kaiser Permanente GME Committee	2012-2014
GMC Graduate Medical Education Committee	2005-2006
GMC Surgery Clinic Quality Improvement	2005-2006
U.S.C. Traffic Violation Appeals Board	1996-1998
U.S.C. Commuter Student Committee	1996-1998
U.S.C. Student Senate: Director for Security Affairs	1996-1998
U.S.C. Student Senate: Student Senator 1996-1997	

MEMBERSHIPS

American College of Surgeons (ACS)

American College of Surgeons – Southern California Chapter

Association of Program Directors in Surgery (APDS)

International Association of Surgeons, Gastroenterologists, & Oncologists (IASGO)

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

Society of Surgical Oncology (SSO)

Society for Surgery of Alimentary Tract (SSAT)

PUBLICATIONS

Papers:

1. P Tumbaga, K Beharry, **Y Akmal**, C Federico, HD Modanlou. Biochemical changes in prostanoids and cerebral expression of cyclooxygenase (COX)-1 and COX-2 during morphine sulfate infusion in the newborn piglet. Prostaglandins & Other Lipid Mediat 1999 Nov; 58(5-6):273-284.

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2. N Ozaki, K Beharry, KC Nishihara, **Y Akmal**, JG Ang, R Sheikh, HD Modanlou. Regulation of retinal vascular endothelial growth factor and receptors in rabbits exposed to hyperoxia. Invest Ophthalmol Vis Sci 2002 May;43(5):1546-57.
3. CA Lyons, KD Beharry, KC Nishihara, **Y Akmal**, ZY Ren, E Chang, MP Nageotte. Regulation of matrix metalloproteinases (type IV collagenases) and their inhibitors in the virgin, timed pregnant, and postpartum rat uterus and cervix by prostaglandin E(2)-cyclic adenosine monophosphate. Am J Obstet Gynecol. 2002 Jul;187(1):202-8.
4. N Ozaki, K Beharry, KC Nishihara, **Y Akmal**, JG Ang, R Sheikh, HD Modanlou. Differential regulation of prostacyclin and thromboxane by dexamethasone and celecoxib during oxidative stress in newborn rabbits. Prostaglandins & Other Lipid Mediat 2002 Sep;70(1-2):61-78.
5. R Van Woerkom, K Beharry, HD Modanlou, J Parker, V Rajan, **Y Akmal**, JV Aranda. Influence of morphine and naloxone on endothelin and its receptors in newborn piglet brain vascular endothelial cells: clinical implications in neonatal care. Pediatr Res. 2004 Jan;55(1):147-51. Epub 2003 Nov 06.
6. N Hausman, K Beharry, KC Nishihara, **Y Akmal**, T Asrat. Antenatal administration of celecoxib, a selective cyclooxygenase (COX)-2 inhibitor, appears to improve placental perfusion in the pregnant rabbit. Prostaglandins & Other Lipid Mediat. 2003 Jan;70(3-4):303-15.
7. C Lyons, K Beharry, **Y Akmal**, F Attenello, MP Nageotte. In vitro response of prostaglandin E2 receptor (EP3) in the term pregnant rat uterus and cervix to misoprostol. uterus and cervix to misoprostol. Prostaglandins & Other Lipid Mediat. 2003 Jan;70(3-4):317-29.
8. N Hausman, K Beharry, KC Nishihara, **Y Akmal**, T Asrat. Effect of the antenatal administration of celecoxib during the second and third trimesters of pregnancy on prostaglandin, cytokine, and nitric oxide levels in rabbits. Am J Obstet Gynecol. 2003 Dec;189(6):1737-43.
9. N Hausman, K Beharry, KC Nishihara, **Y Akmal**, Y Stavitsky, T Asrat. Response of fetal prostanoids, nitric oxide, and ductus arteriosus to the short- and long-term antenatal administration of celecoxib, a selective cyclo-oxygenase-2 inhibitor, in the pregnant rabbit. Am J Obstet Gynecol. 2003 Dec;189(6):1744-50.
10. P Benotti, C Still, GC Wood, **Y Akmal**, H King, H El-Arousy, H Dancea, G Gerhard, A Petrick, W Strodel. Preoperative Weight Loss Before Bariatric Surgery. Archives of Surgery 2009 Dec; 144(12):1150-55.
11. I Sucandy, **Y Akmal**, J Gabrielsen. Spontaneous massive hemoperitoneum: A potentially life threatening presentation of the wandering spleen. N Am J Med Sci 2011 Feb; 3(2):98-101.
12. I Sucandy, **Y Akmal**, DG Sheldon. Ganglioneuroma of the adrenal gland and retroperitoneum: A case report. North Am J Med Sci 2011 July; 3(7):336-338.
13. **Y Akmal**, C Bailey, JH Baek, M Metchikian, A Pigazzi. Oncologic Outcomes of Laparoscopic Colon Resection for Cancer after Implementation of a Full-Time Preceptorship. Surg Endos 2011 Sep; 25(9):2967-71.

14. J Gao, Y Wang, Q Xing, J Yan, M Senthil, **Y Akmal**, CM Kowolik, J Kang, DM Lu, M Zhao, Z Lin, CHK Cheng, R Yip, JH Yim. Identification of a Natural Compound by Cell-Based Screening that Enhances Interferon Regulatory Factor-1 Activity and Causes Tumor Suppression. Mol Cancer Ther 2011 Oct; 10(10):1774-83.
15. W Lee, R Nelson, **Y Akmal**, B Mailey, S McKenzie, A Artinyan, KT Ashing-Giwa, Y Chen, J Garcia-Aguilar, J Kim. Racial and Ethnic Disparities in Outcomes with Radiation Therapy for Rectal Adenocarcinoma. Int J Colorectal Dis. 2012 Jun; 27(6):737-49.
16. **Y Akmal**, JH Baek, S McKenzie, J Garcia-Aguilar, A Pigazzi. Robotic-assisted Total Mesorectal Excision: What is the Learning Curve? Surg Endosc 2012 Sep; 26(9):2471-6.
17. K Lee, J Ho, **Y Akmal**, R Nelson, A Pigazzi. Short- and long-term outcomes of intracorporeal versus extracorporeal ileocolic anastomosis in laparoscopic right hemicolectomy for colon cancer. Surg Endosc 2013 Jun;27(6):1986-90.
18. J Tsai, D Shaul, R Sydorak, S Lau, **Y Akmal**, K Rodriguez. Ingestion of Magnetic Toys: Report of Serious Complications Requiring Surgical Intervention and a Proposed Management Algorithm. The Permanente Journal 2013 17(1):11-14.
19. B Wu, K Sampath, C Berberian, K Kwok, B Lim, K Kao, A Giap, A Kosco, **Y Akmal**, A Difronzo, W Yu, E Ngor. Prediction of malignancy in cystic neoplasms of the pancreas: a population-based cohort study. Am J Gastroenterol 2014 Jan;109(1):121-9.
20. **Y Akmal**. A Brief History and Current Status of Minimally Invasive Liver and Pancreatic Surgery. Arab Health Magazine 2015 Show Edition.
21. GL Chen, **Y Akmal**, AL Difronzo, B Vuong, V O'Connor. Porcelain Gallbladder: No Longer an Indication for Prophylactic Cholecystectomy. Am Surgeon 2015 Oct;81(10):936-40.

Abstracts:

1. SM Wold, T Asrat, PJ Rumney, **Y Akmal**, F Attenello, K Beharry. Placental Expression of Cyclooxygenase-1 and Cyclooxygenase-2 in Pre-eclampsia and Normal Pregnancy. American Journal of Obstetrics and Gynecology, January 1998, Vol. 178:1, p. S111.
2. K Beharry, HD Modanlou, J Parker, F Attenello, **Y Akmal**, JV Aranda. Morphine Sulfate (MS) Increases Vasodilator Prostaglandins in Newborn Piglet Brain Vascular Endothelial Cells. Pediatric Research, April 1998, Vol 43:4, p. 58a.
3. V Rajan, K Beharry, HD Modanlou, J Parker, **Y Akmal**, JV Aranda. Effect of Morphine Sulfate (MS) on Endothelin Production and Receptor Responses in Newborn Piglet Brain Endothelial Cells. Pediatric Research, April 1998, Vol 43:4, p. 62a.
4. CA Lyons, K Beharry, **Y Akmal**, A Akmal, T Pan, MP Nageotte. Dose Response of Misoprostol on Nitric Oxide (NO) Activity, Cyclic GMP (cGMP) Production, and Inducible Nitric Oxide Synthase (inos) mRNA Expression in the Pregnant Rat Uterus and Cervix at Term. Journal of Society for Gynecologic Investigation, Jan/Feb. 1999, Volume 6:1 (Supplement), p. 128a.

5. CA Lyons, K Beharry, **Y Akmal**, F Attenello, T Pan, MP Nageotte. Effect of Misoprostol (MP) on Prostanoid Production and EP3 Receptor mRNA Expression in the Rat Uterus and Cervix at Term. Journal of Society for Gynecologic Investigation, Jan/Feb. 1999, Volume 6:1 (Supplement), p. 128a.
6. SM Wold, K Beharry, PJ Rumney, **Y Akmal**, F Attenello, A Akmal, T Asrat. Differential Prostanoid Receptor Messenger RNA (mRNA) Expression in Feto-Placental Vasculature of Preeclamptic and Normal Placentas. Journal of Society for Gynecologic Investigation, Jan/Feb. 1999, Volume 6:1 (Supplement), p. 195a.
7. PF Tumbaga, K Beharry, C Federico, **Y Akmal**, T Pan, HD Modanlou. Nitric Oxide Synthase (NOS) Activity and Messenger RNA (mRNA) Expression in Newborn Piglet Brain Following Morphine Sulfate (MS) Infusion. Pediatric Research, April 1999 Vol. 45:4, p. 71a.
8. M Weng, K Beharry, C Federico, PF Tumbaga, **Y Akmal**, A Akmal, HD Modanlou. Nitric Oxide (NO)-Cyclic GMP (cGMP) Responses of Premature and Adult Rat Brain Synaptosomes to Morphine Sulfate (MS) and Morphine-3-Glucuronide (M-3-G). Pediatric Research, April 1999 Vol. 45:4, p. 72a.
9. C Federico, M Weng, K Beharry, PF Tumbaga, **Y Akmal**, F Attenello, HD Modanlou. Comparative Responses of Cyclic AMP (cAMP) and Substance P (SP) in Premature and Adult Rat Brain Synaptosomes Exposed to Morphine Sulfate (MS) and Morphine-3-Glucuronide (M-3-G). Pediatric Research, April 1999 Vol. 45:4, p. 341a.
10. CA Lyons, K Beharry, **Y Akmal**, A Akmal, S Reyes, MP Nageotte. Effects of Misoprostol on Specific Cytokines and Enzymes of the Uterus and Cervix. Am J Obstet Gynecol 2000; 182(1):S195.
11. S Penning, K Beharry, **Y Akmal**, S Reyes, E Afghani, M Porto. A Rat Model for Multi-Fetal Pregnancy Reduction: Dose Response and Outcomes. Presented at the 2000 Annual Society for Gynecological Investigation meeting.
12. S Penning, K Beharry, **Y Akmal**, S Reyes, E Afghani, K Berkowitz, M Porto. Maternal Plasma and Uterine Tissue Cytokine Levels Following Multi-Fetal Pregnancy Reduction (MFPR) in Rats. Presented at the 2000 Annual Society for Gynecological Investigation meeting.
13. S Penning, K Beharry, **Y Akmal**, S Reyes, E Afghani, K Berkowitz, M Porto. Effects of Multi-Fetal Pregnancy Reduction (MFPR) on Prostaglandin Production and Cyclooxygenase Messenger RNA (COX mRNA) Expression in Rats. Presented at the 2000 Annual Society for Gynecological Investigation meeting.
14. CA Lyons, K Beharry, Ren Y, KC Nishihara, **Y Akmal**, MP Nageotte. Regulation of Matrix Metalloproteinases (MMP)-2 and -9 and Tissue Inhibitor of Metalloproteinases (TIMP)-2 by Prostaglandin E₂ in Pregnant and Nonpregnant Rats. Presented at the 2000 Annual Society for Gynecological Investigation Meeting.
15. K Devarajan, K Beharry, B Govindaswami, **Y Akmal**, KC Nishihara, HD Modanlou. Longitudinal Effects of Antenatal Dexamethasone on Growth and Serum IGF-I Levels in the Developing Rat. Society for Pediatric Research Meeting 2000.

16. K Devarajan, K Beharry, B Govindaswami, **Y Akmal**, E Afghani, HD Modanlou. Effect of Antenatal Dexamethasone on Neuronal Production of Insulin-Like Growth Factor-I in Preterm Rats. J Investig Med 2000; 48(1):24A.
17. CL Federico, K Beharry, **Y Akmal**, E Afghani, PF Tumbaga, HD Modanlou. Changes in Insulin-Like Growth Factor-I and Total Cellular Protein in Primary Cultures of Term Rat Neuronal Cells Exposed to Dexamethasone. J Investig Med 2000; 48(1):49A.
18. CL Federico, K Beharry, **Y Akmal**, E Afghani, PF Tumbaga, HD Modanlou. Changes in Insulin-Like Growth Factor-I and Nitric Oxide in Primary Cultures of Preterm Rat Cortical Neurons Exposed to Dexamethasone. Society for Pediatric Research meeting 2000.
19. CL Federico, K Beharry, **Y Akmal**, E Afghani, PF Tumbaga, HD Modanlou. Effects of Dexamethasone on Insulin-Like Growth Factor-I and Nitric Oxide Production in Primary Cultures of Term Rat Cortical Neurons. Society for Pediatric Research meeting 2000.
20. N. Hausman, K. Beharry, K. Nishihara, **Y. Akmal**, T. Asrat. Effect of Maternal Administration of Celecoxib, A Specific Cyclooxygenase-2 Inhibitor, on Fetal Ductus Arteriosus Patency, Prostaglandin E₂ and Nitric Oxide Production in Rabbits. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):179A.
21. N. Hausman, K. Beharry, **Y Akmal**, K. Nishihara, T. Asrat. Maternal Administration Of Celecoxib Appears to Improve Fetal Perfusion in Rabbits. Presented at the the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):63A
22. N. Hausman, K. Beharry, K. Nishihara, **Y Akmal**, T. Asrat. Effect of Celecoxib Administration On Serum, Uterine and Cervical Cytokine Levels in Pregnant Rabbits. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):276A.
23. N. Hausman, K. Beharry, K. Nishihara, **Y Akmal**, T. Asrat. Effects of Celecoxib, A Selective Cyclooxygenase-2 Inhibitor, On Prostanoid Synthesis in the Plasma, Uterus and Cervix of Pregnant Rabbits. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):277A.
24. N. Hausman, K. Beharry, **Y Akmal**, K. Nishihara, T. Asrat. Effect of Maternal Administration of Celecoxib On Renal and Hepatic Prostanoid Production in the Fetal Rabbit. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):179A
25. N. Hausman, K. Beharry, **Y Akmal**, K. Nishihara, T. Asrat. Celecoxib Administration Suppresses Nitric Oxide Levels In Pregnant Rabbit Serum, Uterus And Cervix. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):276A
26. S Penning, K Beharry, **Y Akmal**, KC Nishihara, K Berkowitz, M Porto. Comparative Effects Of Dexamethasone And Nimesulide On Fetal Outcome, And Maternal Cytokine And PGF_{2α} Levels Following Multifetal Pregnancy Reduction (MFPR) In Rats. Presented at the 2001 Society for Gynecologic Investigation. Supplement to J Soc Gynecol Invest 2001;8(1):228A

27. NK Ozaki, KD Beharry, KC Nishihara, **Y Akmal**, J Ang, R Sheikh, HD Modanlou. Regulation of Retinal VEGF₁₂₁, VEGF₁₆₅, Flt-1, and KDR/Flk mRNA Expression by Dexamethasone and Celecoxib in Newborn Rabbits Exposed to Hyperoxia. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):389A.
28. NK Ozaki, KD Beharry, KC Nishihara, **Y Akmal**, J Ang, M Abrantes, HD Modanlou. Comparative Effects of Dexamethasone and Celecoxib on Growth in Newborn Rabbits Exposed to Hyperoxia/Normoxia. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):298A.
29. NK Ozaki, KD Beharry, KC Nishihara, **Y Akmal**, J Ang, R Sheikh, HD Modanlou. Differential Regulation of Prostacyclin and Thromboxane by Dexamethasone and Celecoxib During Oxidative Stress in Newborn Rabbits. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):328A.
30. K Devarajan, KD Beharry, **Y Akmal**, K Nishihara, HD Modanlou. Multiple Antenatal Doses Of Dexamethasone Affects Serum Insulin Levels At Birth, And In The Developing Rat. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):107A
31. N Hausman, KD Beharry, K Nishihara, **Y Akmal**, T Asrat. Effect of Maternal Administration of Celecoxib, A Specific Cyclooxygenase-2 Inhibitor, on Fetal Ductus Arteriosus Patency, Prostaglandin E₂ and Nitric Oxide Production in Rabbits. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):56A.
32. N Hausman, KD Beharry, **Y Akmal**, K Nishihara, T Asrat. Maternal Administration Of Celecoxib Appears to Improve Fetal Perfusion in Rabbits. Presented at the 2001 Society for Pediatric Research meeting. Supplement to *Pediatr Res* 2001; 49(4):321A.
33. **Y Akmal**, A. Bernath, N. Siegelmann-Danieli, S. Dubagunta, O. Yumen, D. Christie, A. Petrick, C. Wood, D. Bertsch, A. Law. Incidence of isolated brain metastases (CNS mets) following complete response (CR) in esophageal cancer. ASCO Annual Meeting; May 2005; Abs. No 4242.
34. **Y Akmal**, DG Sheldon. Metastatic Teratoma to the Thigh with Unknown Primary Origin; Joint Scientific Meeting of the Pennsylvania Society of Oncology and Hematology and the Keystone Chapter of the American College of Surgeons, November 2006.
35. **Y Akmal**, DG Sheldon. Insulinoma: Is laparoscopic pancreatectomy oncologically superior to routine enucleation?; *Surg Endosc* 2007 April; 21(Suppl 1):S444, No. 15398.
36. MR Basker, **Y Akmal**, NJ Umoh, R Hardy, C Whitehead, S Dunkle-Blatter, A Schuess, AT Petrick. Retrospective Review Of Results Of Laparoscopic Paraesophageal Hernia Repair in 106 Patients within a Rural Population Operated By A Single Surgeon; *Surg Endosc* 2007 April; 21(Suppl 1):S423, No. 15734.
37. J Gabrielsen, CC Pfeifer, I Sucandy, **Y Akmal**, H El-Arousy, H King, H Dancea, AT Petrick. Comparison of gastrojejunal anastomotic complication rates between handsewn and linear stapled anastomoses. *Surgery for Obesity and Related Diseases*; 2008 May; 4(3):332.

38. **Y Akmal**, A Artinyan, B Mailey, W Lee, S Christopher, S McKenzie, A Pigazzi, J Garcia-Aguilar, J Kim. The Delivery and Timing of Radiation Therapy Impact Survival in Patients with Rectal Adenocarcinoma. ASCO GI Symposium; Jan 2010; Abs. No 426; Ann Surg Onc 2010 Feb; 17(Suppl 1):S87, P171.
39. I Sucandy, **Y Akmal**, JA Blansfield, DG Sheldon, WE Strodel. Ganglioneuroma of the Adrenal Gland and Retroperitoneum. A Report of Unusual Case and Review of the Literature. Surg Endosc 2010 April; 24(Suppl 1):S356, P083.
40. **Y Akmal**, C Bailey, J-H Baek, M Metchikian, A Pigazzi. Oncologic Outcomes of Laparoscopic Colon Resection for Cancer after Implementation of a Full-Time Preceptorship. Surg Endosc 2010 April; 24(Suppl 1):S406-407, P158.
41. **Y Akmal**, M Yamamoto, B Mailey, A Artinyan, A Hurria, S Bhatia, A Pigazzi, J Garcia-Aguilar, J Kim. Changes in Pathologic Characteristics and Clinical Management of Colon Cancer with Increasing Patient Age. J Am Coll Surg 2010 Sept; 211(Supp 3): S58.
42. **Y Akmal**, M Senthil, Q Xing, J Yan, Y Wang, J Yim. Extract from Traditional Chinese Herb Scutellaria baicalensis Suppresses Tumors and Inhibits p-AKT in Mice. ASCO Breast Cancer Symposium; October 2010; Abs. No 298. Ann Surg Onc 2011 Feb; 18(Suppl 1): S47, P24.
43. **Y Akmal**, M Senthil, J Yan, Q Xing, Y Wang, G Somlo, J Yim. Combination of a Natural Compound (Baicalein) and Paclitaxel Result in Synergistic Apoptosis in Mouse Breast Cancer Cells. J Surg Research 2011 Feb; 165(2): 218 (21.7).
44. **Y Akmal**, Yujun Wang, Maheswari Senthil, Quanhua Xing, Jin Yan, Jinbo Gao, John H. Yim. Natural Enhancer of IRF-1 Suppresses Gastric Cancer Tumor Growth in vivo. Ann Surg Onc 2011 Feb; 18(Suppl 1):S845, P18.
45. J Ho, **Y Akmal**, A Pigazzi. Laparoscopic Right Colectomy with Intracorporeal Anastomosis for Colon Cancer: Surgical and Oncologic Outcomes in 52 Patients. Surg Endos 2011 March; 24:S270, P128.
46. J Ho, **Y Akmal**, R Nelson, A Pigazzi. Extracorporeal vs. Intracorporeal Anastomosis for Laparoscopic Right Colectomy for Colon Cancer: The Short-term and Long-term Oncologic Outcomes. DCR 2011 May; 54(5):e159, P199.
47. MN Le, **Y Akmal**, M Senthil, J Yan, Q Xing, Y Wang, D Tully, JH Yim. Combination of Oral Scutellaria Baicalensis Extract and Intraperitoneal Cisplatin Suppresses Tumor Growth and Inhibits MTOR in Mouse Breast Cancer Model. J Surg Res 2012 Feb; 172 (2):1.
48. AK Arrington, Y Wang, J Yan, **Y Akmal**, Q Xing, T Wu, J Yim. Baicalein Induces Tumor Suppression in Triple Negative Breast Cancer by mTor Inhibition Mediated Through DDIT4 Expression. J Am Coll Surg 2012 Sept; 215(3):S125.
49. S Woo, S Wu, **Y Akmal**. Differences in Approach and Outcomes for Distal Pancreatectomy at Tertiary Care Center versus Community Hospitals. Accepted to ACS So Cal Chapter Annual Meeting 2014.

50. S Wu, S Woo, **Y Akmal**. Practice Patterns and Outcome Differences for Distal Pancreatectomy in Surgeons With and Without Fellowship Training. Accepted for Annual Society of Surgical Oncology (SSO) 2014 Meeting.

Book Chapters

1. **Yasir M. Akmal**, Be alert for metabolic acidosis in lorazepam drips. Avoiding Common ICU Errors, Marcucci L, et al., Philadelphia, Lippincott Williams and Wilkins; 2007: 45-47.

Presentations

Oral Presentations

1. Brain Metastases in Esophageal Cancer; **Y. Akmal**, A. Bernath, N. Siegelmann-Danieli, S. Dubagunta, O. Yumen, D. Christie, A. Petrick, C. Wood, D. Bertsch, A. Law. GMC General Surgery Resident Research Day: June 8, 2005., Geisinger Medical Center (GMC), Danville, PA.
2. Metastatic Teratoma to the Thigh of Unknown Primary Origin; **Y. Akmal**, DG Sheldon. GMC General Surgery Resident Research Day; May 3, 2006; GMC, Danville, PA.
3. Metastatic Teratoma to the Thigh with Unknown Primary Origin; **Y. Akmal**, DG Sheldon. Joint Scientific Meeting of the Pennsylvania Society of Oncology and Hematology and the Keystone Chapter of the American College of Surgeons, November 3, 2006; King of Prussia, PA.
4. Insulinoma: Is Laparoscopic Pancreatectomy Oncologically Superior to Routine Enucleation?; **Y. Akmal**, DG Sheldon.
 - GMC General Surgery Resident Research Day; May 2, 2007, GMC, Danville, PA. **Awarded 2nd Place Prize.**
 - GMC Resident Research Day; May 18, 2007, GMC, Danville, PA.
5. Spontaneous Massive Hemoperitoneum ; A Potentially Life Threatening Presentation of Wandering Spleen; I. Sucandy, C. Pfeifer, J. Gabrielsen, **Y. Akmal**, A. Petrick, Keystone Chapter of the American College of Surgeons 2008 Annual Scientific Meeting; November 7, 2008; Harrisburg, PA.
6. Age-Specific Disparities in the Clinical Presentation and Management of Colon Cancer. **Y. Akmal**, M. Yamamoto, B. Mailey, A. Hurria, S. Bhatia, A. Pigazzi, J. Garcia-Aguilar, J. Kim. American College of Surgeons Clinical Congress, Surgical Forum on October 4, 2010; Washington D.C.

7. Combination of a Natural Compound (Baicalein) and Paclitaxel Results in Synergistic Apoptosis in Mouse Breast Cancer Cells. **Y. Akmal**, M. Senthil, J. Yan, Q. Xing, Y. Wang, G. Somlo, J. Yim. Academic Surgical Congress, February 1, 2011; Huntington Beach, CA.
8. Combination of Natural Compound (Baicalein) and Cisplatin Suppresses Tumor Growth and Induces Apoptosis in Mouse Breast Cancer Cells. **Y Akmal**, M Senthil, J Yan, Q Xing, Y Wang, D Tully, J Yim. American College of Surgeons Clinical Congress, Surgical Forum, October 25, 2011; San Francisco, CA.
9. Combination of Oral Scutellaria Baicalensis Extract and Intraperitoneal Cisplatin Suppresses Tumor Growth and Inhibits MTOR in Mouse Breast Cancer Model. MN Le, **Y Akmal**, M Senthil, J Yan, Q Xing, Y Wang, D Tully, JH Yim. Academic Surgical Congress, February 16, 2012; Las Vegas, NV.
10. Baicalein Induces Tumor Suppression in Triple Negative Breast Cancer by mTor Inhibition Mediated Through DDIT4 Expression. AK Arrington, Y Wang, J Yan, **Y Akmal**, Q Xing, T Wu, J Yim. American College of Surgeons Clinical Congress, Surgical Forum, October 1, 2012; Chicago, IL.
11. Differences in Approach and Outcomes for Distal Pancreatectomy at Tertiary Care Center versus Community Hospitals. S Woo, S Wu, **Y Akmal**. Southern California Chapter American College of Surgeons Annual Scientific Meeting, January 17, 2014; Santa Barbara, CA.
12. Should Cholecystectomy Routinely be Performed for Porcelain Gallbladder? G Chen, **Y Akmal**, V O'Connor. Southern California Chapter American College of Surgeons Annual Scientific Meeting, January 16, 2015; Santa Barbara, CA.
13. Busting the Porcelain Gallbladder Myth: No correlation with Cancer Exists. G Chen, H Yong, B Vuong, **Y Akmal**, A Difronzo, V O'Connor. International Hepato-Pancreato-Biliary Association (IHPBA) 12th World Congress, April 23, 2016; Sao Paulo, Brazil.

POSTERS

1. **Y. Akmal**, A. Bernath, N. Siegelmann-Danieli, S. Dubagunta, O. Yumen, D. Christie, A. Petrick, C. Wood, D. Bertsch, A. Law. Brain Metastases in Esophageal Cancer; Geisinger Medical Center (GMC) Resident Research Day; May 2005; Danville, PA.
2. **Y. Akmal**, DG Sheldon. Insulinoma: Is laparoscopic pancreatectomy oncologically superior to routine enucleation?; The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Meeting; April 19-20, 2007; Las Vegas, NV.
Also, published in digital poster format.
3. **MR Basker**, **Y Akmal** NJ Umoh, R Hardy, C Whitehead, S Dunkle-Blatter, **Y. Akmal**, A Schuess, AT Petrick. Retrospective Review Of Results Of Laparoscopic Paraesophageal Hernia Repair in 106 Patients within a Rural Population Operated By

A Single Surgeon; The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Meeting; April 19-20, 2007; Las Vegas, NV.

4. **Y Akmal**, A Artinyan, B Mailey, W Lee, S Christopher, S McKenzie, A Pigazzi, J Garcia-Aguilar, J Kim. The Delivery and Timing of Radiation Therapy Impact Survival in Patients with Rectal Adenocarcinoma. ASCO GI Symposium; Jan 22-24, 2010; Orlando, FL and Society of Surgical Oncology 63rd Annual Cancer Symposium; March 3-7, 2010; St. Louis, MO.

5. I Sucandy, **Y Akmal**, JA Blansfield, DG Sheldon, WE Strodel. Ganglioneuroma of the Adrenal Gland and Retroperitoneum. A Report of Unusual Case and Review of the Literature. SAGES Meeting; April 14-17, 2010; National Harbor, MD.

6. **Y Akmal**, C Bailey, J-H Baek, M Metchikian, A Pigazzi. Oncologic Outcomes of Laparoscopic Colon Resection for Cancer after Implementation of a Full-Time Preceptorship. SAGES Meeting; April 14-17, 2010; National Harbor, MD.
Also, published in digital poster format.

7. M Senthil, **Y Akmal**, Q Xing, J Yan, J Yim. A Flavone From Traditional East Asian Natural Extract Inhibits STAT3 and Tumor Growth in Syngeneic Mouse Breast Cancer Model. San Antonio Breast Cancer Symposium (SABCS); December 8-12, 2010; San Antonio, TX.

8. **Y Akmal**, M Senthil, Q Xing, J Yan, Y Wang, J Yim. Extract from Traditional Chinese Herb Scutellaria baicalensis Suppresses Tumors and Inhibits p-AKT in Mice. Presented at ASCO Breast Cancer Symposium; October 1-3, 2010; National Harbor, MD and at Society of Surgical Oncology Annual Cancer Symposium; March 2-5, 2011; San Antonio, TX.

9. **Y Akmal**, Y Wang, M Senthil, Q Xing, J Yan, J Gao, J Yim. Natural Enhancer of IRF-1 Suppresses Gastric Cancer Tumor Growth *in vivo*. Presented at Society of Surgical Oncology Annual Cancer Symposium; March 2-5, 2011; San Antonio, TX.

10. J Ho, **Y Akmal**, A Pigazzi. Laparoscopic Right Colectomy with Intracorporeal Anastomosis for Colon Cancer: Surgical and Oncologic Outcomes in 52 Patients. The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Meeting; March 30-April 2, 2011; San Antonio, TX.

11. J Ho, **Y Akmal**, R Nelson, A Pigazzi. Extracorporeal vs. Intracorporeal Anastomosis for Laparoscopic Right Colectomy for Colon Cancer: The Short-term and Long-term Oncologic Outcomes. The American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific Meeting; May 14-18, 2011; Vancouver, Canada.

12. S Wu, S Woo, **Y Akmal**. Practice Patterns and Outcome Differences for Distal Pancreatectomy in Surgeons With and Without Fellowship Training. Presented at Society of Surgical Oncology Annual Cancer Symposium; March 12-15, 2014; Phoenix, AZ. P389.

13. **Y Akmal**, Z Lackberg, MA Abbas. Case-matched Comparison of Intersphincteric Proctectomy Versus Proctectomy with Stapled Coloanal Anastomosis for Low Rectal Cancer. Presented at American Society of Colon and Rectal Surgeons Meeting (ASCRS); April 30-May 4, 2016; Los Angeles, CA. P350

GRAND ROUNDS/INVITED LECTURES

1. Pancreatic Cancer: Where do we stand? **Y Akmal**. Kaiser Permanente GI Grand Rounds, Los Angeles Medical Center, January 18, 2012.
2. Multi-disciplinary Rectal Cancer Care **Y Akmal**. Kaiser Permanente Los Angeles Medical Center 2013 Cancer Conference, April 22, 2013.
3. Surgical Management of Gastric Cancer. **Y Akmal**, Kaiser Permanente Radiation Oncology, Los Angeles Medical Center, October 29, 2013.
4. General Surgery Panel Session – Bile Duct Injuries, Complex Enterocutaneous Fistulae, Complex Diverticulitis, Abdominal Wall Defects. **Y. Akmal**. Kaiser Permanente 10th Annual National Surgical Symposium, Oahu, Hawaii, April 24-26.
5. Reshaping Regional Healthcare through Prevention and Screening (Panel Member). M. Al Haddad, **Y. Akmal**, M. Meziane, N. Sirotin. Cleveland Clinic Abu Dhabi, Abu Dhabi, U.A.E. January 11, 2015.
6. Overview of Endocrine Surgery. **Y. Akmal**. Imperial College London Diabetes Centre, Abu Dhabi, U.A.E. September 16, 2014.
7. Management of Cholangiocarcinoma. **Y. Akmal**. Digestive Disease Institute, Cleveland Clinic Abu Dhabi, U.A.E. July 23, 2015.
8. Preoperative Sampling of Pancreatic Solid Lesions: Biopsy or No Biopsy. **Y. Akmal**. DDI Symposium 2016, Cleveland Clinic Abu Dhabi, U.A.E. January 15, 2016.
8. Management of Gastric Cancer. **Y. Akmal**. Digestive Disease Institute, Cleveland Clinic Abu Dhabi, U.A.E. February 24, 2016.
9. Minimally Invasive Management of Gastric Cancer. **Y. Akmal**_ 3rd International Emirates Conference on Minimally Invasive Surgery and NOTES, Abu Dhabi, U.A.E. May 12, 2016.
10. Laparoscopic and Robotic Approaches to Hepatobiliary and Pancreatic Surgery. **Y. Akmal**_ 3rd International Emirates Conference on Minimally Invasive Surgery and NOTES, Abu Dhabi, U.A.E. May 12, 2016.

Videos

1. Robotic-Laparoscopic Hepatobiliary Video Session. **Y. Akmal**. Kaiser Permanente 10th Annual National Surgical Symposium, Oahu, Hawaii, April 24-26, 2014.
2. Laparoscopic GIST Excision with Pyloroplasty. M. Dong, **Y. Akmal**, M. Kroh, K. El-Hayek. American College of Surgeons Annual Clinical Congress, Chicago, Illinois, October 5, 2015.
3. Laparoendoscopic Intra gastric Enucleation of a Gastric Leiomyoma. A. Guerron, H. Takahashi, **Y. Akmal**, M. Kroh, K. El-Hayek. American College of Surgeons Annual Clinical Congress, Chicago, Illinois, October 6, 2015.
4. Robotic Distal Pancreatectomy Combined with Partial Nephrectomy. **Y. Akmal**, K. El-Hayek. American College of Surgeons Annual Clinical Congress, Chicago, Illinois, October 6, 2015.
5. Management of Intraoperative Bleeding During Robotic Colorectal Surgery. D. Moon, T. Tran, **Y. Akmal**, E. McLemore, E. Gorgun, M. Abbas. American College of Surgeons Annual Clinical Congress, Chicago, Illinois, October 7, 2015.

COURSES/TRAINING

SAGES Advanced Laparoscopic Colorectal Surgery Workshop

November 8-9, 2007; Norwalk, CT

Advanced Trauma Life Support (ATLS) Instructor

SAGES Advanced Fundamentals of Laparoscopic Surgery (FLS) Workshop

March 13-14, 2008; Norwalk, CT

Fundamentals of Laparoscopic Surgery (FLS) Certification

March 25, 2008

American College of Surgeons (ACS): Board Certification in Surgery

Feb 22, 2010

Arab Health Recruitment and Training Fair Surgery Conference,

Activity Director, October 31, 2015, Abu Dhabi, U.A.E.

Samson Global Leadership Academy

November 1-13, 2015; Cleveland, Ohio.

HAAD (Health Authority Abu Dhabi) Breast Cancer Screening Taskforce

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