

Curriculum Vitae
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RIAD RAYMOND AZAR

CURRENT ADDRESS:

Business Address:

Univ Med Center, Rizk Hospital
Ashrafieh, Beirut
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Language Skills: English, Arabic and French

PRESENT POSITION

Professor of Medicine 10/ 17-present
Chief of Gastroenterology
American Lebanese University School of Medicine
UMC-RH

Associate Professor of Medicine 07/11-09/ 17
Chief of Gastroenterology
American Lebanese University School of Medicine
UMC-RH

Adjunct Associate Professor of Medicine 07/18-Present
Division of Gastroenterology
Washington University School of Medicine
Barnes J Hospital

EDUCATION

SAINT-JOSEPH UNIVERSITY MEDICAL SCHOOL Beirut, Lebanon
Medical Doctor 1987 – 1994

UNIVERSITY OF CONNECTICUT MEDICAL SCHOOL Hartford, CT
Internship; Internal Medicine 06/95

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL Worcester, MA
Residency; Internal Medicine 06/98

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL Worcester, MA
Fellowship; Gastroenterology 06/01

HARVARD UNIVERSITY MEDICAL SCHOOL, BIDMC Boston, MA
Fellowship in Advanced Therapeutic Endoscopy 06/02

ACADEMIC POSITIONS

Lebanese American University	Beirut, Lebanon
Professor of Medicine	10/17-Present
Associate Professor of Medicine	07/11-09/ 17
Washington University in St. Louis	St. Louis, MO
Director of Endoscopic Ultrasound	05/08/12
Associate Professor of Medicine.	07/08/18
Assistant Professor of Medicine.	10/ 02- 06/08

MEDICAL LICENSURE AND BOARD CERTIFICATION

ECFMG certificate	1994
State of Missouri	2002- Present
American Board of Internal Medicine	1998
American Board of Gastroenterology	2002- 2015

EDITORIAL RESPONSIBILITIES

Reviewer for Gastrointestinal Endoscopy	2003-present
Reviewer for The Journal of Clinical Gastroenterology	2004-present
Gastrointestinal Endoscopy Editorial Board Member	2011-2012

COMMITTEES

American Society of Gastrointestinal Endoscopy Post-Graduate Education Committee	2007-2010
American Society of Gastrointestinal Endoscopy Gastrointestinal Endoscopy Editorial Board Member	2011-2012

AWARDS AND HONORS

Best Doctor in America	2009,10,11,12,13,14,17,18
Best Doctor in St Louis	2009,10,11,12,13,14,17,18
Fellow of the American Society for Gastrointestinal Endoscopy	2011

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

Member of the American Society of Gastrointestinal Endoscopy

Member of the American Gastroenterology Association.

Founding President of the Lebanese Medical Students' International Committee (92-94)

MAJOR INVITED PROFESSORSHIPS AND LECTURESHIPS:

1. **Galaxy of Gastroenterology 1.** Washington University in St Louis. Management of Obstructive Jaundice. Nov 2002.
2. **Conference on GERD and Barrett's esophagus.** Washington University in St Louis. Role of EUS in Barrett's esophagus. Apr 2003.
3. **GI Division Rounds.** Washington University in St Louis. Palliation in GI malignancies. Oct 2003.
4. **GI Grand Rounds.** St George Hospital, University of Balamand. Update in Endoscopic Mucosal Resection. Beirut Lebanon; Dec 2003.
5. **Surgery Refresher Course.** Metal Stents in GI malignancies. St Louis, Feb 2004.
6. **Galaxy of Gastroenterology 2.** Washington University in St Louis. Clinical applications of EUS. Mar 2004.
7. **Pulmonary Grand Rounds.** St Elizabeth Medical Center, TUFTS University. EUS in Staging of Lung Cancer. Boston, MA. April 2004.
8. **Fourth Annual St John's Cancer Institute Symposium.** Endoscopic Palliation in colorectal cancer. Springfield, IL. Oct 2004.
9. **Boston International Live Endoscopy Course,** Boston, MA, Oct 2004.
10. **Anderson Hospital CME.** Palliation in GI Malignancies. Maryville, IL, Mar 2005.
11. **Gateway SGNA Spring Seminar.** Advanced ERCP techniques. Apr 2005.
12. **GI Grand Rounds, Christian Northeast Hospital.** Clinical applications of EUS. St. Louis, MO, May, 2005.
13. **Orientation lectures to GI Fellows.** Introduction to EUS/FNA. St Louis, Jul 2005.
14. **Southwest Medical Center.** Management of Obstructive Jaundice. St. Louis, MO. Sept 2005.
15. **Bi-State Thoracic Oncology Case Conference.** Endoscopic Ultrasound in the Staging of Lung Cancer. St. Louis, MO. Sept 2005.
16. **Advances in ERCP.** Kansas, Sept 2005.
17. **Invited International lecturer.** Kuwait/Dubai UAE. Sept 2005.
18. **Management of Obstructive Jaundice.** Red Bud, IL. Oct 2005.
19. **Galaxy of Gastroenterology 4.** Washington University in St Louis. EUS in Pancreatic Diseases. Nov 2005.
20. **Fixman Cancer Conference.** EUS in Esophageal Cancer. Dec 2005.
21. **Pulmonary and Critical Care Medicine Grand Rounds.** Washington University in St Louis. The Use of Endoscopic Ultrasound in Lung Cancer Staging. Jan 2006.
22. **Rocky Mountain Interventional Endoscopy.** University of Colorado School of Medicine. Feb 2006.
23. **Updates from the 2006 ASCO GI Cancers and Prostate Cancer Symposia.** St Louis Society of Medical Oncology, March 2006.
24. **GI Division Rounds.** Washington University in St Louis. Clinical applications of Endoscopic Ultrasound. Mar 2006.
25. **Medicine Noon Conference. Wash University,** Diagnostic and Therapeutic applications of EUS. St. Louis, MO, Mar 2006.
26. **Wilson Cook ERCP course.** St. Louis, MO, May 2006.
27. **The Use of Endoscopic Ultrasound in Lung Cancer Staging.** Thoracic surgery Grand Rounds. June 2006.
28. **Orientation lectures to GI Fellows.** Introduction to EUS/FNA. St Louis, MO, Jul 2006.
29. **Colorectal obstruction in GYN malignancies.** St Louis, MO, Aug 2006.
30. **Salem Hospital CME.** Management of Obstructive Jaundice. Salem, IL. Sept 2006.
31. **Boston International Live Endoscopy Course.** Boston, MA, Oct 2006.
32. **Dallas, TX.** Endoscopic Management of Colonic Obstruction. Dec 2006.
33. **King Fahd Medical Center.** New Horizons for EUS. Saudi Arabia, Riyadh, Dec 2006.

34. **Galaxy of Gastroenterology 5.** Washington University in St Louis. EUS in Pancreatic Diseases. Mar 2007.
35. **Advanced Endoscopy Round Table.** St Louis, MO, May 2007
36. **Orientation Lectures to GI Fellows.** Introduction to EUS/FNA. St Louis, MO, July 2007.
37. **St. Louis Live Endoscopy 2007.** Live cases and Lecture. July 2007
38. **Boston International Live Endoscopy Course.** Boston, MA, Oct 2007.
39. **BILEC EUS workshop.** EUS applications in benign disease. Boston, MA, Oct 2007.
40. **Olympus Endoscopy Workshop.** Boston, MA, Oct 2007.
41. **Medicine Noon Conference. Wash University,** Acute and Chronic Pancreatitis. St. Louis, MO, Nov 2007.
42. **Thoracic Grand Rounds.** EUS for Lung Cancer Staging. St Louis, MO, Dec 2007.
43. **ERCP Round Table.** Advanced techniques in ERCP. Kansas, Feb 2008.
44. **SGNA Heartland, Kansas.** Advanced Therapeutic Applications of EUS. Mar 2008.
45. **St Anthony Hospital CME.** Advanced Therapeutic Applications of EUS. Jun 2008.
46. **St Louis Live Endoscopy 2008.** Live cases and lectures. Jul 2008.
47. **BJC Hospitalists Grand Rounds.** Management of the Biliary patient. Sept 2008.
48. **Radiation Oncology Residents conference.** EUS-FNA for thoracic malignancies. Sept 2008.
49. **Missouri American College of Physician chapter.** Update on EUS, Sept 2008.
50. **Boston International Live Endoscopy Course.** Boston, MA, Sept 2008.
51. **General Thoracic Surgery Course.** Washington University, EUS for Esophageal Cancer Staging. Oct 2008.
52. **Advanced Endoscopy Seminar.** St George Hospital, University of Balamand. Nov 2008.
53. **GI Division Rounds.** Washington University in St Louis. New Techniques and advances in direct peroral cholangiopancreatography. Dec 2008.
54. **Rocky Mountain Interventional Endoscopy.** University of Colorado School of Medicine. Feb 2009
55. **ASGE Colonoscopic Techniques Course.** Invited faculty. April 2009.
56. **St Louis Live Endoscopy 2009.** Live cases and lectures. Jul 2009.
57. **Orientation Lectures to GI Fellows.** Introduction to EUS/FNA. St Louis, MO, July 2009.
58. **Medicine Noon Conference. Wash University,** Acute and Chronic Pancreatitis. St. Louis, MO, Aug 2009.
59. **Boston International Live Endoscopy Course.** Boston, MA, Oct 2009.
60. **A Multidisciplinary Approach to the Diagnosis & Management of Pancreatic Cancer.** St Louis, Nov 2009.
61. **Siteman Cancer Center:** The role of Interventional Endoscopy in Palliative care. St Louis Jan 2010.
62. **Course Director.** ASGE Master Series Course. Advancing your colonoscopic technique. Chicago, March 2010.
63. **Thoracic Ultrasound for Chest Physicians.** Esophageal Ultrasound for lung cancer. Washington University, April 2010.
64. **Optimizing the use of ERCP and EUS for maximal patient benefit.** Invited faculty. Saint Louis University, April 2010.
65. **Palliative care for the patient with late stage cancer.** Invited faculty. Siteman Cancer Ctr. April 2010.
66. **Invited Faculty at ASGE hands-on workshop DDW 2010:** Luminal Stents. New Orleans. May 2010.
67. **Invited Faculty at ASGE hands-on workshop DDW 2010:** Bariatric Endoscopy. New Orleans. May 2010.
68. **Invited Faculty:** Management of Pancreatic cystic lesions. St Louis, Oct 2010.
69. **Medicine Noon Conference. Wash University,** Acute and Chronic Pancreatitis. St. Louis, MO, March 2011
70. **Thoracic Ultrasound for Chest Physicians.** Esophageal Ultrasound for lung cancer. Washington University, March 2011.
71. **Invited Faculty: DDW Meet the Professor Luncheons:** EUS deciding when and how to stick. May 2011.

72. **Invited Faculty: 8th National Turkish Hepato-gastroenterology Congress.** Management of pancreatic pseudocysts. Sept 2011.
73. **Invited Faculty: Boston Therapeutic Endoscopy Course.** Boston Oct 2011.
74. **Guest Speaker:** The 10th Lebanese Gastrointestinal Society; Pathophysiology of Diverticular Diseases. Beirut Lebanon, Nov 2011.
75. **Internal Medicine Grand Rounds;** Lebanese American University; Endoscopic Palliation in Gastrointestinal Malignancies. Beirut Lebanon, Dec 2011.
76. **Internal Medicine Grand Rounds;** Lebanese American University, Diagnostic Applications of EUS. Beirut Lebanon, April 2012.
77. **Invited Faculty: Byblos International Endoscopy Course.** Byblos, Lebanon. May 2012.
78. **Guest Speaker:** "Healthcare beyond borders" organized by the American Lebanese Medical Association. "Advances in Gastrointestinal Endoscopy". June 2012.
79. St Louis Live Endoscopy 2012. Live cases demonstrations. July 2012.
80. **Course Co- Director;** St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2012
81. **Guest Speaker:** First South Gastro-Club Workshop. Update in Endoscopic Mucosal Resection. Nabatieh, Sept 2012.
82. **Guest Speaker:** The 11th Lebanese Gastrointestinal Society; Endoscopic Management of Pancreatic Pseudocysts. Beirut Lebanon, Nov 2012.
83. **Jury member:** Annual Residents' Research Day; Makassed General Hospital. Beirut, Lebanon, June 2013.
84. **Guest Speaker:** Lebanese Oncology Group; Seminar on Neuroendocrine tumors. Beirut, June 2013.
85. **Guest Speaker:** 5th Congress of Francophone Oncology. EUS in the management of Neuroendocrine tumor. Beirut, March 2014.
86. **Guest Speaker:** The 12th National Congress of the Lebanese Society of General Practice, Advances in Interventional Endoscopy. April 2014.
87. **Invited Faculty:** St Louis Endoscopy, Fellows Course. St Louis, MO, July 2014.
88. **Invited Faculty:** GMEA. Gastroenterology workshop. GMEA training center. Byblos. Aug 2014.
89. **Invited Faculty:** Seminar on Digestive Pathology organized by Saint Joesph University and Lebanese Society of Pathology. Beirut, June 2015.
90. **Guest Speaker:** Bariatric Surgery Educational Symposium. USEK. Jbeil Oct 2015.
91. **Guest Speaker:** The 14th Lebanese Gastrointestinal Society; Managing Endoscopy Related Complication. Beirut Lebanon, Nov 2015.
92. **Invited Faculty:** St Louis Endoscopy, Fellows Course. St Louis, MO, July 2016.
93. **Guest Speaker:** Oncology Forum. Lebanese Society of General Surgery. Endoscopic Management of superficial rectal cancer. Sept 2016.
94. **Guest Speaker:** The 15th Lebanese Gastrointestinal Society; Endoscopic Management of Pancreatic Duct Stones. Beirut Lebanon, Nov 2016.
95. **Invited Faculty:** The 3rd Endoscopy Workshop of the Lebanese Society of Gastroenterology. Management of large bile duct stones. Beirut May 2017.
96. **Invited Faculty:** Lebanese Multidisciplinary Clinical Oncology Forum. Role of EUS in the management of Neuroendocrine tumors of the pancreas. Dec 2017.

COURSES

1. Boston International Live Endoscopy Course. Boston, MA, Oct 2004
2. Rocky Mountain Interventional Endoscopy. University of Colorado School of Medicine. Feb 2006
3. Boston International Live Endoscopy Course. Boston, MA, Oct 2006
4. Boston International Live Endoscopy Course. Boston, MA, Oct 2007
5. St Louis Live Endoscopy 2007. Live cases and Lecture. July 2007
6. **Course Director;** St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2008

7. Boston International Live Endoscopy Course. Boston, MA, Sept 2008
8. Rocky Mountain Interventional Endoscopy. University of Colorado School of Medicine. Feb 2009. Lecture and live cases.
9. ASGE Colonoscopic Techniques Course. April 2009.
10. **Course Director**; St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2009.
11. Boston International Live Endoscopy Course. Boston, MA, Oct 2009.
12. **Course Director**. ASGE Master Series Course. Advancing your colonoscopic technique. Chicago, March 2010.
13. **Invited Faculty at ASGE hands-on workshop DDW 2010: Luminal Stents**. New Orleans. May 2010.
14. **Invited Faculty at ASGE hands-on workshop DDW 2010: Bariatric Endoscopy**. New Orleans. May 2010.
15. **Course Director**; St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2010.
16. **Course Director**, St. Louis Live Endoscopy, Fellows Course. St. Louis, MO July 2011.
17. **Invited Faculty**: Boston Therapeutic Endoscopy Course. Boston Oct 2011.
18. **Invited Faculty: Byblos International Endoscopy Course**. Byblos, Lebanon. May 2012.
19. St Louis Live Endoscopy 2012. Live cases demonstrations. July 2012.
20. **Course Co- Director**; St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2012.
21. **Invited Faculty**; St Louis Live Endoscopy, Fellows Course. St Louis, MO, July 2013.
22. **Invited Faculty**: St Louis Endoscopy, Fellows Course. St Louis, MO, July 2014.
23. **Invited Faculty**: GMEA. Gastroenterology workshop. GMEA training center. Byblos. Aug 2014.
24. **Invited Faculty: Byblos International Endoscopy Course**. Byblos, Lebanon. April 2016.
25. **Invited Faculty**: St Louis Endoscopy, Fellows Course. St Louis, MO, July 2016.
26. **Invited Faculty**: The 3rd Endoscopy Workshop of the Lebanese Society of Gastroenterology. Beirut May 2017.
27. **Invited Faculty**: 13th Kasr Al AINY Endoscopy, Hepatology and Gastroenterology course. Cairo Univ Feb 2018.
28. **Invited Faculty**: Libano Live Endoscopy Course. Nabatiye Aug 2018.
29. **Invited Faculty**: 13th Byblos International Digestive Workshop; Byblos; Lebanon 2019.
30. **Invited Faculty**: Libano Live Endoscopy Course. Nabatiye Sept 2019.
31. **Invited Faculty**: 4th International Symposium of Live Endoscopy; Riyadh, KSA Dec 2019

SCIENTIFIC ORAL PRESENTATIONS

- 1- **Azar R**, Ciorba M, Jonnalagadda S, Edmundowicz S. Transgastric Endoscopic Pancreatic Debridement. Presented at ASGE 10th Annual Video Forum. DDW 2006.
- 2- Velcheti V, Viswanathan AK, Badhey N, Gao F, Peifer K, Edmundowicz S, Early D, Govindan R, **Azar R**. Clinical utility of routinely adding Positron Emission Tomography (PET) to Computer Tomography (CT) and Endoscopic Ultrasound (EUS) in the initial staging of esophageal carcinoma: The Washington University in St Louis experience. Presented at CHEST 2006.
- 3- Beddow D, Melman L, Brunt LM, Halpin VJ, **Azar R**, Eagon JC, Frisella M, Matthews B. Primary and overall success rate and clinical outcomes for laparoscopic, endoscopic and open pancreatic cystgastrostomy for pancreatic pseudocysts. Oral presentation at SAGES 2008.
- 4- Keswani RN, Hovis RM, Edmundowicz SA, Sadeddin EZ, Jonnalagadda SS, **Azar R**, Waldbaum L, Maple JT. Carbon dioxide (CO₂) insufflation during ERCP for the reduction of post-procedure pain:

- preliminary results of a randomized, double-blind controlled trial. Presented at the ASGE plenary session DDW 2008.
- 5- Keswani RN, Early DS, Edmundowicz SA, Govindan R, **Azar R**. Routine PET does not alter nodal staging in patients undergoing EUS-FNA for esophageal cancer. Presented at DDW 2008.
 - 6- Cote G, Ansstas m, Kumar N, Reinink A, Edmundowicz S, Jonnalagadda S, Mullady D, **Azar R**. Risk of post-ERCP pancreatitis with placement of self-expandable metallic stents: a retrospective, cohort analysis. DDW, Chicago June 2009.
 - 7- Cote G, Jonnalagadda S, **Azar R**. Direct Peroral Cholangioscopy in the Management of Refractory Stone Disease. Presented at ASGE 10th Annual Video Forum. DDW 2009.
 - 8- John M. Iskander, Gregory A. Cote, **Riad R. Azar**, J Christopher Eagon, Dayna S. Early, Steven A. Edmundowicz, Daniel Mullady, Faris Murad, Jerry Wallis, Sreenivasa S. Jonnalagadda. The yield of non-invasive testing in post-cholecystectomy patients with suspected bile duct injury. DDW, New Orleans 2010.
 - 9- Wani S, Hovis R, Cote GA, **Azar R**, Hovis C, Mullady D, Waldbaum L, Early D, Murad F, Edmundowicz S, Jonnalagadda S. Safety of anesthesia-assisted sedation with propofol for advanced endoscopic procedures in obese individuals. DDW 2011 – Chicago.
 - 10- Wani S, Early D, Kunkel J, Leathersich A, Hovis C, Hollander TG, **Azar R**, Edmundowicz SA, Collins B, Liu J, Hall M, Mullady D. The diagnostic yield of malignancy during endoscopic ultrasound-guided fine needle aspiration (EUS-FNA) of solid lesions with and without a stylet: a prospective single blinded randomized controlled trial. DDW 2012.
 - 11- Shroff S, Kushnir V, Brunt E, Wani S, Gupta N, Jonnalagadda S, Murad F, Early D, Mullady D, Edmundowicz SA, **Azar R**. Efficacy of Endoscopic Mucosal Resection (EMR) for Management of Small Duodenal Carcinoids. DDW 2012.
 - 12- Wani S, Mullady D, Early D, Rastogi A, Collins B, Wang J, Marshall C, Sams S, Yen R, Rizeq M, Romanas M, Ulusarac O, Brauer B, Gaddam S, Hollander T, Siller B, Johnson S, Amateau S, Kohlmeier C, **Azar R**, Das A, Fukami N, Shah RJ, Edmundowicz SA. Clinical impact of immediate on-site cytopathology (CyP) evaluation during endoscopic ultrasound-guided fine needle aspiration (EUS-FNA) of pancreatic mass: interim analysis of a multicenter randomized controlled trial. DDW 2013 Oral Presentation (AGA/ASGE Presidential Plenary Session). DDW 2013.
 - 13- Srinivas Gaddam, Disha Mahendra, Dayna S. Early, Daniel Mullady, **Riad R. Azar**, Faris Murad, Thomas G. Hollander, Steven A. Edmundowicz, Sachin Wani. Development of a Prediction Model for Premalignant and Malignant Pancreatic Cystic Lesions Using Clinical and Endoscopic Ultrasound (EUS) Features: Implications for Risk Stratification. DDW13
 - 14- Kushnir VM, ILKe Nalbantoglu, Watson R, Goodwin J, Safar E, Chokshi RV, **Azar RR**, Davidson NO. Advanced Colorectal Adenomas in Patients Under 45 Years of Age Are Mostly Sporadic. DDW 2014.

TEACHING RESPONSIBILITIES

Washington University

Pathophysiology Course for 2 nd year Medical Students 1- Acute and Chronic Pancreatitis.	2006 and 2007
Clinical training of Advanced Endoscopy Fellows	July 04-Present
Internal Medicine Ward attending (2 to 4 weeks per year)	2002-2011
Lebanese American University	
Pathophysiology course for 2 nd year Medical Students	July 11-Present

PEER REVIEWED PUBLICATIONS

1. Bonkovsky HL, **Azar R**, Bird S, Szabo G, Banner B. Severe Cholestatic Hepatitis Caused by Thiozolidinediones: Risks Associated with Substituting Rosiglitazone for Troglitazone. *Dig Dis Sci.* 2002; 47(7):1632-1637.
2. Eloubeidi MA, Gress FG, Savides TJ, Wiersema MJ, Kochman ML, Ahmad NA, Ginsberg GG, Erickson RA, Dewitt J, Van Dam J, Nickl NJ, Levy MJ, Clain JE, Chak A, Sivak MV Jr, Wong R, Isenberg G, Scheiman JM, Bounds B, Kimmey MB, Saunders MD, Chang KJ, Sharma A, Nguyen P, Lee JG, Edmundowicz SA, Early D, **Azar R**, Etemad B, Chen YK, Waxman I, Shami V, Catalano MF, Wilcox MC. Acute pancreatitis after EUS-guided FNA of solid pancreatic masses: A pooled analysis from EUS centers in the United States. *Gastrointest Endosc.* 2004; 60(3):385-389.
3. **Azar, R.** Palliation for esophageal cancer and metal stents. *Gastrointestinal Endosc.* 2004; 60(5):861-862.
4. Oh Y, Early D, **Azar R.** Clinical Applications of Endoscopic Ultrasound to Oncology. *Oncology* 2005; 68:526-537.
5. Oh Y, Edmundowicz S, **Azar R.** Pancreaticopleural fistula: Report of two cases and review of the literature. *Dig Dis Sci.* 2006; 51(1):1-6.
6. **Azar R**, Oh Y, Janec E, Early D, Jonnalagadda S, Edmundowicz SA. Wire-guided pancreatic pseudocyst drainage using a modified needle knife and therapeutic echoendoscopes. *Gastrointest Endosc.* 2006; 63(4):688-692.
7. Prakash C, Jonnalagadda S, **Azar R**, Clouse R. Endoscopic removal of the wireless pH monitoring capsule in patients with severe discomfort. *Gastrointest Endosc.* 2006; 64(5):828-832.
8. Early DS, Janec E, **Azar R**, Ristvedt S, Gao F, Edmundowicz S. Patient preference and recall of results of EUS-guided FNA. *Gastrointest Endosc.* 2006; 64(5):735-739.
9. Peifer KJ, Shiels AJ, **Azar R**, Rivera RE, Eagon JC, Jonnalagadda S. Successful endoscopic management of gastrojejunal anastomotic strictures after Roux-en-Y gastric bypass. *Gastrointest Endosc.* 2007; 66(2):248-252.
10. Kerr TA, Jonnalagadda S, Prakash C, **Azar R.** Pancreatitis following Olanzapine Therapy: A Report of Three Cases. *Case Rep Gastroenterol* 2007; 1:15-20.
11. Maple J, Peifer K, Edmundowicz S, Early D, Meyers B, Jonnalagadda S, **Azar R.** The impact of endoscopic ultrasonography with fine needle aspiration (EUS-FNA) on esophageal cancer staging: a survey of thoracic surgeons and gastroenterologists. *Diseases of the Esophagus*, 2008; 21(6):480-487.

12. S . Jonnalagadda , **R . Azar**. Avoiding pneumomediastinum during ERCP after percutaneous transhepatic biliary drainage. *Gastrointest Endosc*, 2008; 68(4) 809.
13. Keswani R, Early D, Edmundowicz S, Meyers B, Sharma A, Govindan R, Chen J, Kohlmeier C, **Azar R**. Routine PET does not alter nodal staging in patients undergoing EUS-FNA for esophageal cancer. *Gastrointest Endosc*. 2009 Jun;69 (7)1210-7. Epub 2008 Nov 13.
14. Maple J, Edmundowicz S, Jonnalagadda S, **Azar R**. Wire assisted access sphincterotomy of the minor papilla. *Gastrointest Endosc*. 2009 Jan;69(1):47-54.
15. Melman L, **Azar R**, Beddow K, Brunt LM, Halpin, Eagon JC, Frisella M, Edmundowicz S, Jonnalagadda S, Matthews B. Primary and overall success rate and clinical outcomes for laparoscopic, endoscopic and open pancreatic cystgastrostomy for pancreatic pseudocysts. *Surg Endosc*. 2009 Feb;23(2):267-71.
16. Nguyen Y, Maple J, Zheng Q, Ylagan LR, Zhai J, Kohlmeier C, Jonnalagadda SS, Early DS, Edmundowicz SA, **Azar RR**. The reliability of gross visual assessment of specimen adequacy during EUS-FNA of pancreatic masses. *Gastrointest Endosc*, 2009 Jun;69(7):1264-70. Epub 2009 Feb 24.
17. Keswani R, **Azar R**, Ammar T, Edmundowicz S, Jonnalagadda S. Stenting for Malignant Colonic Obstruction: A Comparison of Efficacy and Complications in Colonic versus Extracolonic Malignancy. *Gastrointest Endosc*. 2009 Mar;69(3 Suppl):675-80.
18. Ha C, Shah R, Chen J, **Azar R**, Edmundowicz S, Early D. Diagnosis and Management of Gastrointestinal Stromal Tumors Using EUS-FNA: A Survey of Opinions and Practices of Endosonographers. *Gastrointest Endosc*. 2009 May;69(6):1039-44.
19. Shah P, Gao F, Edmundowicz S, **Azar R**, Early D. Predicting Malignant Potential of Gastrointestinal Stromal Tumors Using Endoscopic Ultrasound. *Dig Dis Sci*, 2009 Jun;54(6):1265-9.
20. Edmundowicz S, Jonnalagadda S, Azar R, editors. Interface of ERCP and EUS for Pancreaticobiliary Pathology. *Tech Gastrointest Endosc* 2009;11:1-57.
21. Maple JT, Keswani RN, Hovis RM, , Sadeddin EZ, Jonnalagadda SS, **Azar R**, Hagen C, Thompson DM, Waldbaum L, Edmundowicz SA. Carbon dioxide insufflation during ERCP for reduction of postprocedure pain: a randomized, double-blind, controlled trial. *Gastrointest Endosc*. 2009 Aug;70(2):278-83. Epub 2009 Jun 11.
22. Ringold DA, Shroff P, Sikka S, Jonnalagadda SS, Early DS, Edmundowicz SA, **Azar RR**. Pancreatitis Is Frequently Associated with Pancreatic Side-Branch Intraductal Mucinous Neoplasia (SB-IPMN). *Gastrointest Endosc*. 2009 Sep;70(3):488-94. Epub 2009 Jun 24.
23. Coté GA, Hovis RM, Ansstas MA, Waldbaum L, **Azar RR**, Early DS, Edmundowicz SA, Mullady DK, Jonnalagadda SS. Anesthesiologist-directed propofol for sedation in advanced endoscopic procedures: frequency and clinical characteristics of patients who require airway modifications. *Clinical Gastro and Hep*, 2010 Feb;8(2):137-42. Epub 2009 Jul 14.
24. Cote GA, **Azar RR**, Edmundowicz SE, Jonnalagadda SS. Balloon-assisted peroral cholangioscopy using an 8.8mm gastroscope for the diagnosis of Mirizzi syndrome. *Gastrointest Endosc*, 2010 Jan;71(1):181-2.
25. Cote GA, Ansstas M, Pawa R, Edmundowicz SA, Jonnalagadda SS, Pleskow DK, **Azar RR**. Difficult biliary cannulation: use of physician controlled wire-guided cannulation over a pancreatic duct stent

- to reduce the rate of precut sphincterotomy (with video). *Gastrointest Endosc.* 2010 Feb;71(2):275-9. Epub 2009 Nov 18.
26. Cote GA; Ansstas M; Shah S; Keswani R; Alkade S; Jonnalagadda S; Edmundowicz S; Azar RR. Findings at ERCP after endoscopic treatment of post-cholecystectomy bile leaks. *Surg Endosc.* 2010 Jul;24(7):1752-6. Epub 2009 Dec 30.
 27. Ammar T, Cote GA, Creach KM, Kholmeier C, Parikh PJ, Azar RR. Fiducial placement for stereotactic radiation using EUS: Feasibility when using a marker compatible with a 22-gauge needle. *Gastrointest Endosc.* 2010 Mar;71(3):630-3.
 28. Kularatna G, **Azar R**, Anderson C, Gru A, Mullady D. Nearly missed GIST: EUS diagnosis of a jejunal GIST mistaken for a pancreatic mass on CT. *Gastrointest Endosc.* 2010 May;71(6):1065-6; discussion 1066.
 29. Cote GA, Hovis CE, Hovis RM, Waldbaum L, Early DS, Edmundowicz SA, **Azar RR**, Mullady DK, Jonnalagadda SS. A bedside screening instrument for obstructive sleep apnea predicts airway maneuvers in patients undergoing advanced endoscopic procedures. *Clin Gastroenterol Hepatol.* 2010 May 23.
 30. Loren DE, **Azar R**, Charles RJ, Dumot JA, Farooq F, Gopal DV, Jaffe DL, Shami VM, Sharma VK, Chak A. Updated guidelines for live endoscopy demonstrations. *Gastrointest Endosc.* 2010 Jun;71(7):1105-7.
 31. Cote GA, Kumar N, Ansstas M, Edmundowicz SA, Jonnalagadda S, Mullady DK, **Azar RR**. Risk of post-ERCP pancreatitis with placement of self-expandable metallic stents. *Gastrointest Endosc.* 2010 Oct;72(4):748-54. Epub 2010 Jul 13.
 32. Maple JT, Mansour L, Ammar T, Ansstas M, Cote GA, **Azar RR**. Physician-controlled wire-guided cannulation of the minor papilla. *Diagnostic and Therapeutic Endoscopy.* EPub Aug 2010.
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