

Curriculum vitae

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Place of Birth: Perth Amboy, New Jersey

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1995 – 1999	<i>Bachelor of Science with High Distinction (Honors)</i>	Biology	University of Michigan, Ann Arbor, MI
1999 – 2003	Doctor of Medicine	Medicine	University of Michigan, Ann Arbor, MI
2008 – 2009	Masters of Science	Robert Wood Johnson Masters in Health and Health Care Research	University of Michigan, Ann Arbor, MI

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2003 – 2006	Resident	Internal Medicine Residency	University of Washington, Seattle, WA
2006 – 2009	Fellow	Gastroenterology Fellowship	University of Michigan, Ann Arbor, MI
2009 – 2010	Fellow	Advanced Hepatology Fellowship	University of Michigan, Ann Arbor, MI

Current Licensure and Certification

Licensure

2010 Texas Medical Board License

Board and Other Certification

2006 Board Certification in Internal Medicine, American Board of Internal Medicine

2009 Board Certification in Gastroenterology, American Board of Internal Medicine

2010 Board Certification in Transplant Hepatology, American Board of Internal Medicine

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
2002	Alpha Omega Alpha	Alpha Omega Alpha Honor Medical Society
2006	Huesby Teaching Award	University of Washington Medical Center
2008	Phi Kappa Phi	Phi Kappa Phi National Honor Society
2008	You're Super" Employee Recognition Award	University of Michigan Medical Center
2009	Advanced Transplant Hepatology Fellowship Award	American Association for Study of the Liver (AASLD)
2009	Presidential Poster of Distinction	American Association for Study of the Liver (AASLD)
2010	Academic Skills Workshop Invitee	American Gastroenterology Association (AGA)
2010	Dedman Family Scholar in Clinical Care	UT Southwestern Medical Center
2011	Top Reviewer	Alimentary Pharmacology and Therapeutics
2011 – 2012	Top Reviewer	Annals of Internal Medicine
2012	Lyman Bilhartz Memorial Teaching Award	UT Southwestern Medical Center
2012 - 2013	Super Doctors Rising Stars	Texas Monthly Magazine
2013	Junior Investigator Award	International Liver Cancer Association

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2010	Assistant Professor	Department of Internal Medicine	UT Southwestern Medical Center
2011	Assistant Professor	Department of Clinical Sciences	UT Southwestern Medical Center

Appointments at Hospitals/Affiliated Institutions

Year(s)	Position Title	Department/Division	Institution
2010	Staff Physician	Digestive and Liver Diseases	UT Southwestern Medical Center

2010	Staff Physician	Digestive and Liver Diseases	Parkland Health and Hospital System
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Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2010	Medical Director, Liver Tumor Clinic	Parkland Health and Hospital System
2010	Co-Director, Liver Tumor Conference	UT Southwestern Medical Center

Committee Service *(Member, unless noted otherwise)*

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
2012 - present	Chair, Gastroenterology Fellowship Research Committee	UT Southwestern Medical Center
2012 - present	Member, Protocol Review and Monitoring Committee	UT Southwestern Simmons Cancer Center
2012 - 2013	Co-Chair, Gastroenterology Fellowship Education Committee	UT Southwestern Medical Center
2012 – 2013	Co-Director, “Controversies in Gastroenterology and Hepatology” UT Southwestern Symposium	UT Southwestern Medical Center
2012	Interviewer, Gastroenterology Fellowship Interviews	UT Southwestern Medical Center
2013	Interviewer, Internal Medicine Residency Interviews	UT Southwestern Medical Center
<u>Hospital</u>		
2012 – present	Hepatology Representative, Patient Grievance Committee	Parkland Health and Hospital System
2012 – present	GI-Liver Pharmacy & Therapeutics Committee	Parkland Health and Hospital System
<u>State/Regional</u>		
<u>National/International</u>		

Professional Societies

Dates	Society Name, member
2006 – present	American Gastroenterology Association (AGA)
2006 – present	American College of Gastroenterology (ACG)
2006 – present	American Association for the Study of Liver Diseases (AASLD)

2007 – present	International Liver Cancer Association (ILCA)
	Committees
2011 – 2012	Chair, AGA DDW Abstract Review Committee for Liver and Biliary Carcinoma
2011 – 2012	Chair, AGA DDW Abstract Review Committee for Clinical Biliary Tract Disorders
2012 – present	Member, ILCA, Surveillance and Biomarkers Special Interest Group
	Fellowships

Grant Review Activities

Year(s)	Name of Review Committee	Organization
2011	American Cancer Society Intramural Disparities Cancer Research Grant	UT Southwestern Medical Center

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
<u>Editorial Board</u>	
<u>Ad Hoc Reviewer</u>	
2009 –	American Journal of Gastroenterology
2009 –	Digestive Diseases and Sciences
2010 –	Alimentary Pharmacology and Therapeutics
2010 –	Liver Transplantation
2010 –	Expert Review of Anticancer Therapy
2011 –	Gastroenterology
2011 –	Annals of Internal Medicine
2012 –	Hepatology
2012 –	Clinical Gastroenterology and Hepatology
2012 –	Family Practice
2012 –	Clinics
2013 –	Transplantation
2013 –	American Journal of the Medical Sciences

Grant Support

<u>Present</u>	Grantor: American College of Gastroenterology
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	Title of Project: Predictors of Screening Failure for Hepatocellular Carcinoma in a Safety Net Hospital
	Role: Principal Investigator
	Annual amount and date: \$75,000
	Total amount of award and dates: \$150,000 from 9/1/11 – 8/31/13

<u>Present</u>	Grantor: Dedman Family Scholar in Clinical Care
	Role: Principal Scholar in Clinical Care
	Annual amount and date: \$150,000
	Total amount of award and dates: \$600,000 from 7/1/10 – 6/30/14

<u>Present</u>	Grantor: National Institute of Health (NIH) (1U54CA163308-01)
	Title of Project: Parkland-UT Southwestern PROSPR Center: colon cancer screening in a safety net
	Role: Project Investigator (PI Celette Skinner and Ethan Halm)
	Annual amount and date:
	Total amount of award and dates:

<u>Present</u>	Grantor: Cancer Research Network
	Title of Project: Determinants of HCC Screening among Cirrhotic Patients in Integrated Health Care Systems
	Role: Principal Investigator
	Annual amount and date: \$20,000
	Total amount of award and dates: \$40,000 from 4/1/13 – 6/31/15

<u>Present</u>	Grantor: American Cancer Society and Simmons Cancer Center Institutional Grant
	Title of Project: Patient-level Determinants of HCC Screening among Cirrhotic Patients in a Safety-Net System
	Role: Principal Investigator
	Annual amount and date: \$29,970
	Total amount of award and dates: \$29,970 from 8/1/13 – 9/30/14

<u>Submitted</u>	Grantor: American Cancer Society
	Title of Project: Effect of a Multi-Component Intervention on Surveillance Rates for HCC
	Role: Principal Investigator
	Annual amount and date: \$200,000
	Total amount of award and dates: \$800,000 from 7/1/13 – 6/30/17

<u>Submitted</u>	Grantor: Agency for Healthcare Research and Quality (AHRQ)
	Title of Project: UT Southwestern Center of Patient-Centered Outcomes Research

	(PCOR)
	Role: Project Principal Investigator (PI Ethan Halm)
	Annual amount and date:
	Total amount of award and dates: 7/1/13 – 6/30/17

<u>Past</u>	Grantor: National Institutes of Health (T32 DK062708)
	Title of Project: Training in Gastrointestinal Epidemiology
	Role: Trainee
	Total amount of award and dates: 7/1/2008 – 6/30/2010

<u>Past</u>	Grantor: National Center for Research Resources (KL2 program)
	Title of Project: North and Central Texas Clinical and Translational Science Initiative
	Role: Clinical Scholar Trainee
	Annual amount and date: \$40,000
	Total amount of award and dates: \$120,000 from 7/1/10 – 6/30/13

Clinical Trials Activities

<u>Present</u>	Sponsor: Polaris Group
	Title of Project: A Randomized, Double-Blind, Multi-Center Phase 3 Study of ADI-PEG 20 Plus Best Supportive Care (BSC) Versus Placebo Plus BSC in Subjects with Advanced Hepatocellular Carcinoma (HCC) Who Have Failed Prior Systemic Therapy
	Role: Co-Investigator

<u>Present</u>	Sponsor: Daiichi Sankyo Inc
	Title of Project: Study of Tivantinib in Subjects with Inoperable Hepatocellular Carcinoma Who Have Been Treated with One Prior Therapy
	Role: Co-Investigator

<u>Past</u>	Sponsor: Peregrine Pharmaceuticals
	Title of Project: Bavituximab and Sorafenib in Advanced Hepatocellular Carcinoma (HCC)
	Role: Co-Investigator

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2006 – 2009	Gastroenterology Grand Rounds (annually)
2009 – 2010	Liver Transplant Morbidity and Mortality Conferences (every other month)
2009 – 2010	Gastroenterology Lecture to Third Year Medical Students (quarterly)

2009 – 2010	Liver Inpatient Service Lecture to Internal Medicine Residents (every other month)
2009 – 2010	Liver Conference Moderator (weekly)
2010	Discussion section leader for 2 nd year Medical Student Gastroenterology sequence
2011 – 2012	Board Review Q&A Sessions for Gastroenterology Fellows (monthly)
<u>Dissertation committees</u>	
2013	Melbourne University, PhD committee for thesis on Liver Disease and HCC (Anthony Rode)
<u>Qualifying examination committees</u>	
2013	University of North Texas, Primary Mentor for Masters Degree (Debra Tan)
2013	University of Texas Southwestern, Primary Mentor for MD with Distinction in Research (Adam Meier)
2013	University of Texas Southwestern, Thesis Committee Member for MD with Distinction in Research (Zoe Geng)
<u>Committees concerned with medical and graduate student education</u>	
2011 – 2012	Poster Judge, Medical Student Research Forum (annually)
2012 – 2013	Co-Chair, Gastroenterology Fellowship Education Committee
2012 – present	Chair, Gastroenterology Fellowship Research Committee
<u>Graduate student rotations</u>	
2010 – present	Attending Liver Inpatient Service
2010 – present	Gastroenterology/Liver Fellows Clinic Attending
<u>Medical student rotations</u>	
<u>Graduate student trainees</u>	
2013	Mechanisms of Disease Mentor (Hema Majunath)
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2012 – present	Gastroenterology Fellows Lecture (2-3 lectures annually)
2012 – present	Gastroenterology Resident Lecture (one lecture annually)
<u>Postdoctoral trainees</u>	

Invited Lectures

Year(s)	Title	Location
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<u>International</u>		
September 2010	“Surveillance ultrasound has a poor sensitivity for early stage HCC in American patients with cirrhosis”	International Liver Cancer Association, Montreal, Canada
September 2012	“Detection of Hepatocellular Carcinoma at Advanced Stages Among Patients in the HALT-C Trial: Where did Surveillance Fail?”	International Liver Cancer Association, Berlin, Germany
September 2012	“Should we use AFP for Surveillance of HCC?”	International Liver Cancer Association, Berlin, Germany
September 2013	“Primary and Secondary Prevention of HCC”	International Liver Cancer Association, Washington DC, USA
September 2013	“Machine Learning Algorithms Outperform Conventional Regression Models in Predicting Development of Hepatocellular Carcinoma”	International Liver Cancer Association, Washington DC, USA
<u>National</u>		
May 2010	“Patient Involvement is Correlated with Higher HCC Surveillance in Patients with Cirrhosis”	Digestive Disease Week, New Orleans, LA
November 2011	“Process of Care Failure Rates for Hepatocellular Carcinoma Surveillance”	American Association for the Study of Liver Disease, San Francisco, CA
May 2012	“The Impact of HIV Serologic Status on Clinical Presentation, Treatment, and Survival in Patients with Hepatocellular Carcinoma”	Digestive Disease Week, San Diego, CA
May 2013	“Institution of a Multidisciplinary Clinic Reduces Therapeutic Delays for Patients with Hepatocellular Carcinoma”	Digestive Disease Week, Orlando, FL
May 2013	“Patient-level Determinants of Alpha Fetoprotein Elevation Among Patients with Cirrhosis”	Digestive Disease Week, Orlando, FL
May 2013	“Extrahepatic Metastases Plus Vascular Invasion in Patients with Hepatocellular Carcinoma Portends a Worse Prognosis than Extrahepatic Metastases or Vascular Invasion Alone”	Digestive Disease Week, Orlando, FL
<u>Regional/Local</u>		
November 2009	“Role of Dentist in the Care of Liver Transplant Patients”	University of Michigan Dentistry Program, Ann Arbor, MI
May 2010	“Hepatocellular Carcinoma”	University of Michigan Hepatology Fellowship Lecture, Ann Arbor, MI

September 2010	“Liver Transplantation”	UT Southwestern Nursing Class Dallas TX
January 2011	“Hepatocellular Carcinoma: Who is at Risk and What We Can Do”	UT Southwestern APAMSA, Hepatitis Week, Dallas, TX
February 2011	“Hepatocellular Carcinoma: An Update”	What’s New in Gastroenterology and Hepatology Annual Symposium, Dallas, TX
April 2011	“HCC Risk in Chronic Liver Disease: Screening and Antiviral Therapies”	UT Southwestern GI Cancer Symposium, Dallas, TX
February 2012	“Hepatocellular Carcinoma and Viral Hepatitis”	Texas College of Osteopathic Medicine APAMSA, Fort Worth, TX
February 2012	“Complications of Cirrhosis: An Update”	What’s New in Gastroenterology and Hepatology Annual Symposium, Dallas, TX
February 2012	“Surveillance for Hepatocellular Carcinoma: How Can We Do Better?”	UT Southwestern Internal Medicine Grand Rounds, Dallas, TX
April 2012	“Hepatocellular Carcinoma: What Every Resident Needs to Know”	UT Southwestern Internal Medicine Residency Lecture, Dallas, TX
June 2012	“Best of DDW: Non-Viral Liver Disease”	Best of Digestive Disease Week, Dallas, TX
June 2012	“What Every Resident Needs to Know about Gastroenterology and Hepatology for the Boards”	UT Southwestern Internal Medicine Residency Lecture, Dallas, TX
August 2012	“Imaging Characteristics for Hepatocellular Carcinoma”	UT Southwestern Department of Radiology Lecture, Dallas, TX
October 2012	“Hepatocellular Carcinoma Surveillance: More Questions than Answers”	Texas Health, Internal Medicine Grand Rounds, Dallas, TX
November 2012	“Liver Disease and Transplantation”	UT Southwestern Nursing Class, Dallas TX
December 2012	“GI and Liver Jeopardy”	UT Southwestern Division of Digestive and Liver Diseases Fellow Lecture, Dallas, TX
February 2013	“Surveillance for Hepatocellular Carcinoma: To Do or Not To Do?”	Controversies in Gastroenterology and Hepatology Annual

		Symposium, Dallas, TX
February 2013	“Primary Liver Cancer”	New York Life Insurance Company, Dallas, TX
June 2013	“GI and Liver Jeopardy”	UT Southwestern Division of Digestive and Liver Diseases Fellow Lecture, Dallas, TX
June 2013	“What Every Resident Needs to Know about Gastroenterology and Hepatology for the Boards”	UT Southwestern Internal Medicine Residency Lecture, Dallas, TX

Technological and Other Scientific Innovations

Innovation/Patents
Algorithm to Identify Patients with Hepatocellular Carcinoma. Filed May 11, 2012.

Service to the Community

Year(s)	Role	Organization or institution
2011 – 2012	Faculty Advisor	Asian Pacific Medical Student Association

Bibliography

Peer-Reviewed Publications

Original Research Articles

1. Chen PJ, **Singal A**, Kimble J, Ellis, RE. A Novel Member of the Tob Family of Proteins Controls Sexual Fate in *Caenorhabditis elegans* Germ Cells. *Developmental Biology* 2000; 217(1): 77-90.
2. **Singal A**, Volk ML, Waljee AK, Salgia R, Higgins P, Rogers M, Marrero JA. Meta-analysis: surveillance with ultrasound for early-stage hepatocellular carcinoma in patients with cirrhosis. *Alimentary Pharmacology and Therapeutics* 2009; 30(1): 37-47.
3. **Singal AG**, Rakoski MO, Salgia R, Pelletier S, Welling TH, Fontana RJ, Lok AS, Marrero JA. Clinical Presentation and Prognostic Factors for Intrahepatic and Extrahepatic Cholangiocarcinoma in a Tertiary Care Center. *Alimentary Pharmacology and Therapeutics* 2010; 31(6): 625-33.
4. **Singal AG**, Volk ML, Jensen D, Di Bisceglie A, Schoenfeld PS. A sustained viral response is associated with reduced liver-related morbidity and mortality in patients with hepatitis C virus. *Clinical Gastroenterology and Hepatology* 2010; 8(3): 280-288.
5. **Singal AG**, Waljee AK, Shiffman M, Bacon BR, Schoenfeld PS. Meta-analysis: re-treatment of genotype 1 hepatitis C nonresponders and relapsers after failing interferon and ribavirin combination therapy. *Alimentary Pharmacology and Therapeutics* 2010; 32(8): 969-983.

6. Rakoski MO, **Singal AG**, Rogers M, Conjeevaram H. Meta-Analysis: Insulin Sensitizers for the Treatment of Nonalcoholic Steatohepatitis. *Alimentary Pharmacology and Therapeutics* 2010; 32(10): 1211-1221
7. Jafri M, **Singal AG**, Kaul D, Fontana RJ. Detection and Management of Latent Tuberculosis in Liver Transplant Patients. *Liver Transplantation* 2011; 17(3): 306-314.
8. **Singal AG**, Thomassen LV, Gretch DR, Shuhart MC. Use of the AST to Platelet Ratio Index (APRI) in HCV/HIV co-infected Patients. *Alimentary Pharmacology and Therapeutics* 2011; 33(5): 566-577.
9. Jorgensen JE, Waljee AK, Volk ML, Sonnenday CJ, Elta GH, Al-Hawary MM, **Singal AG**, Taylor JR, Elmunzer BJ. Is MRCP equivalent to ERCP for diagnosing biliary obstruction in orthotopic liver transplant recipients? A meta-analysis. *GIE: Gastrointestinal Endoscopy* 2011; 73(5): 955-62.
10. **Singal AG**, Volk ML, Rakoski MO, Fu S, Su G, McCurdy H, Marrero JA. Patient involvement in healthcare is associated with higher rates of surveillance for hepatocellular carcinoma. *J Clinical Gastroenterology* 2011; 45(8): 727-732.
11. Lewis JJ, Rubenstein JH, **Singal AG**, Piraka CR. Factors associated with esophageal stricture development following endoscopic mucosal resection for neoplastic Barrett's esophagus. *Gastrointestinal Endoscopy* 2011; 74(4): 753-760.
12. **Singal AG**, Chan V, Getachew Y, Guerrero R, Reisch JS, Cuthbert JA. Predictors of Liver Transplant Eligibility for Patients with Hepatocellular Carcinoma in a Safety Net Hospital. *Digestive Diseases and Sciences* 2012; 57(2): 580-586.
13. **Singal AG**, Yopp A, Skinner CS, Packer M, Lee WM, Tiro JA. Utilization of Hepatocellular Carcinoma Surveillance Among American Patients: A Systematic Review. *J General Internal Medicine* 2012; 27(7): 861-867.
14. **Singal AG**, Conjeevaram H, Fu S, Volk ML, Fontana RJ, Askari F, Su GL, Lok AS, Marrero JA. Effectiveness of Hepatocellular Carcinoma Surveillance in Patients with Cirrhosis. *Cancer Epidemiology Biomarkers & Prevention* 2012; 21(5): 793-9.
15. Cohen S, Saxena A, Waljee A, Piraka C, Purdy J, Appelman H, McKenna B, Elmunzer BJ, **Singal AG**. Lymphocytic Esophagitis: A Diagnosis of Increasing Frequency. *J Clinical Gastroenterology* 2012; 46(10): 828-832.
16. **Singal AG**, Yopp A, Gupta S, Skinner CS, Halm EA, Okolo E, Nehra M, Lee WM, Marrero JA, Tiro JA. Failure Rates in the Hepatocellular Carcinoma Surveillance Process. *Cancer Prevention Research* 2012; 5(9): 1124-1130.
17. Yopp AC, Subramanian M, Jain MK, Mansour JC, Schwarz RE, Balch GC. **Singal AG**. Presentation, Treatment, and Clinical Outcomes of Patients with Hepatocellular Carcinoma, with and without Human Immunodeficiency Virus Infection. *Clinical Gastroenterology and Hepatology* 2012; 10(11): 1284 – 1290.
18. Elmunzer BJ, Debenedet A, Volk M, Sonnenday CJ, Waljee AK, Fontana F, Elta G, Oza A, **Singal AG**, Englesbe M, Scheiman J. Clinical Yield of diagnostic ERCP in orthotopic liver transplant recipients with suspected biliary complications. *Liver Transplantation* 2012; 18(12): 1479-84.

19. Nehra M, Ma Y, Clark C, Amarasingham R, Rockey DC, **Singal AG**. Use of Administrative Claims Data for Identifying Patients with Cirrhosis. *J. Clinical Gastroenterology* 2013; 47(5): e50-4.
20. **Singal AG**, Nehra M, Adams-Huet B, Yopp AC, Tiro JA, Marrero JA, Lok AS, Lee WM. Detection of Hepatocellular Carcinoma at Advanced Stages among Patients in the HALT-C Trial: Where Did Surveillance Fail? *American J. Gastroenterology* 2013; 108(3): 425-32.
21. Urrunaga NH, **Singal AG**, Cuthbert JC, Rockey DC. Hemorrhagic Ascites: Clinical Presentation and Outcomes of Patients with Cirrhosis. *J. Hepatology* 2013; 58(6): 1113-8.
22. Lee E, Edward S, **Singal AG**, Lavieri MS, Volk ML. Improving Screening for Hepatocellular Carcinoma by Incorporating the Pattern of Alpha-fetoprotein over Time. *Clinical Gastroenterology & Hepatology* 2013; 11(4): 437-440.
23. Mukherjee A, Waljee AK, **Singal AG**, Zhang Y, Warren J, Balis U, Marrero JA, Zhu J, Higgins PDR. Comparison of Modern Imputation Methods for Missing Laboratory Data in Medicine. *BMJ Open* 2013; 3(8): e002847
24. **Singal AG**, Rahimi RS, Clark C, Ma Y, Cuthbert JC, Rockey DC, Amarasingham R. An Automated Model Using Electronic Medical Record Data to Identify Patients with Cirrhosis at High Risk for Readmission. *Clinical Gastroenterology and Hepatology (in press)*
25. Chen E, Lee WM, Hynan L, **Singal AG**. A Survey of Hepatitis C Treatment Clinical Practice Patterns using the Newly Approved Protease Inhibitors. *J. Clinical Gastroenterology (in press)*
26. Salgia R, **Singal AG**, Fu S, Pelletier, S, Marrero JA. Improved Post-Transplant Survival in the United States for Patients with Cholangiocarcinoma after 2000. *Digestive Diseases Sciences (in press)*
27. **Singal AG**, Waljee AK, Patel N, Tiro JA, Marrero JA, Yopp AC. Therapeutic Delays Lead to Worse Survival among Patients with Hepatocellular Carcinoma. *J National Comprehensive Cancer Network (in press)*
28. **Singal AG**, Dharia T, Malet PF, Alqahtai S, Zhang S, Cuthbert JC. Short-term effectiveness and Long-term Benefit of Hepatitis C Therapy in a Safety Net Hospital System: A Study with median 5 year follow-up. *BMJ Open (in press)*
29. Tan D, Yopp AC, Beg MS, Gopal P, **Singal AG**. Meta-analysis: Underutilisation and Disparities of Treatment among Patients with Hepatocellular Carcinoma in the United States. *Alimentary Pharmacology & Therapeutics (in press)*
30. **Singal AG**, Waljee AK, Mukherjee A, Higgins PDR, Zhu J, Marrero JA. Machine Learning Algorithms Outperform Conventional Regression Models in Predicting Development of Hepatocellular Carcinoma. *American J Gastroenterology (in press)*
31. **Singal AG**, Higgins PDR, Waljee AK. A Primer on Effectiveness and Efficacy Trials. *Clinical and Translational Gastroenterology (in press)*
32. Yopp AC, Mansour J, Beg MS, Arenas J, Trimmer C, Reddick M, Pedrosa I, Khatri G, Yakoo T, Meyers JJ, Shaw J, Marrero JA, **Singal AG**. Establishment of a Multidisciplinary Hepatocellular

Carcinoma Clinic is Associated with Improved Clinical Outcome. *Annals of Surgical Oncology* (in press)

33. **Singal AG**, Manjunath, H, Yopp AC, Marrero JA, Gopal P, Waljee AK. The effect of PNPLA3 on Fibrosis Progression and Development of Hepatocellular Carcinoma: A meta-analysis. *American J Gastroenterology* (submitted)
34. Elmunzer, BJ, **Singal AG**, Sussman JB, Deshpande A, Sussman D, Conte M, Dwamena B, Rogers M, Schoenfeld PS, Inadomi JM, Saini SD, Waljee AK. Comparing the Effectiveness of Competing Tests for Colorectal Cancer Screening: A Network Meta-Analysis *JAMA Internal Medicine* (submitted)
35. Waljee AK, Higgins PDR, **Singal AG**. A Primer on Predictive Models. *Clinical and Translational Gastroenterology* (submitted)
36. Gopal P, Yopp AC, Chiang J, Waljee AK, Nehra, M, Kandunoori P, **Singal AG**. Patient-level Predictors of Alpha Fetoprotein Level in Patients with Cirrhosis. *Clinical Gastroenterology and Hepatology* (submitted)
37. **Singal AG**, Pillai A, Tiro JA, Marrero JA. Surveillance for Hepatocellular Carcinoma Improves Early Detection, Curative Treatment, and Survival Rates in Patients with Cirrhosis: A meta-analysis. *PLOS ONE* (submitted)
38. **Singal AG**, Marrero JA, Yopp AC. Screening Process Failures for Hepatocellular Carcinoma. *J National Comprehensive Cancer Network* (submitted)

Reviews, Chapters, Monographs and Editorials

1. **Singal A** and Marrero JA. Screening for Hepatocellular Carcinoma. *Gastroenterology and Hepatology* 2008; 4(3): 1-8.
2. **Singal A**, Welling TW, Marrero JA. Role of Liver Transplantation in the Treatment of Cholangiocarcinoma. *Expert Rev Anticancer* 2009; 9(4): 491-502.
3. Volk ML, Piette JD, **Singal AG**, Lok AS. Chronic disease management for patients with cirrhosis. *Gastroenterology* 2010; 139(1): 14-16.
4. **Singal AG** and Marrero JA. Recent Advances in the Treatment of Hepatocellular Carcinoma. *Current Opinion in Gastroenterology* 2010; 26(3): 189-195.
5. **Singal AG** and Marrero JA. Interferon Therapy and Prevention of Hepatocellular Carcinoma in Hepatitis C. *Digestive Diseases and Sciences* 2012; 57(4): 832-4.
6. Max JB, **Singal AG**, Waljee AK. Stepping out with IBD: Can we take the road less travelled? *Gastroenterology* 2012; 143(2): 498-9.
7. Patel N and **Singal AG**. Hepatocellular Carcinoma Surveillance: Is a Shorter Interval Better? *Gastroenterology* 2012; 143(4): 1113-4.
8. Mayorga C, Yopp AC, and **Singal AG**. Hepatocellular Carcinoma Surveillance: All Cirrhotics May Not Be Equal. *Gastroenterology* 2012; 143(5): 1393-5.
9. Rahimi B and **Singal AG**. Current Issues and Future Trends in Surveillance for Hepatocellular Carcinoma. *Clinical Liver Disease* 2012; 1(6): 186-189.

10. Yopp A and **Singal AG**. Laparoscopic Liver Resection for Hepatocellular Carcinoma. *Clinical Liver Disease* 2012; 1(6): 206-208.
11. **Singal AG**, Tiro JA, Gupta S. Improving Hepatocellular Carcinoma Screening: Applying lessons from colorectal cancer screening. *Clinical Gastroenterology & Hepatology* 2013; 11(5): 472-7.
12. Padhya K, Marrero JA, **Singal AG**. Recent Advances in the Treatment of Hepatocellular Carcinoma. *Current Opinion in Gastroenterology* 2013; 29(3): 285-92.
13. Hassett M, Yopp AC, and **Singal AG**. Surveillance for Hepatocellular Carcinoma: How Can We Do Better? *American J Medical Sciences* (in press)
14. Mayorga C and **Singal AG**. Can Chronic Disease Management Programs Improve Outcomes in Patients with Cirrhosis? *Gastroenterology* (in press)
15. Lee T, **Singal AG**, Sussman J, Waljee AK. At the Heart of Inflammatory Bowel Diseases. *Gastroenterology* (in press)
16. Salgia R and **Singal AG**. Hepatocellular Carcinoma and Other Liver Lesions. *Medical Clinics* (in press)
17. Knudsen E, Gopal P, **Singal AG**. Etiology, Genetics & Therapy: The Changing Landscape of Hepatocellular Carcinoma. *American Journal of Pathology* (in press)
18. Patel A, Max J, **Singal AG**, Waljee AK. Herpes Zoster and IBD: Are we Being Brash About a Rash? *Gastroenterology* (in press)

Books/Textbook Chapters

1. **Singal A** and Schoenfeld P. How do you respond to patients wanting to take aspirin, calcium, or other medications as prophylaxis for colorectal cancer? Is there any evidence that they work? In *Curbside Consultation of the Colon: 49 Clinical Questions*. Thorofare: Slack Incorporated, September 2008.
2. **Singal AG** and Marrero JA. "Screening for HCC in Patients with Viral Liver Disease – Is Ultrasound Enough?" *Clinical Dilemmas in Viral Liver Disease*. West Sussex: Wiley-Blackwell, April 2010.
3. Yopp A and **Singal AG**. Hepatocellular Carcinoma in *Clinical Decision Support: Oncology*, edited by Johnson DH, Benz EJ, Gerber DE, LaCasce AS. 2011. Decision Support in Medicine, LLC. Wilmington, DE.
4. **Singal AG** and Marrero JA. "Hepatocellular Carcinoma" *Textbook of Gastroenterology*. 2013

Case Reports

1. **Singal A**, Malani PN, Day LJ, Pagani FD, Clark NM. Roseomonas Infection Associated with a Left Ventricular Assist Device. *Infection Control and Hospital Epidemiology* 2003; 24(12): 963-965.
2. Subramanian M, **Singal AG**, Yopp, AC. Hepatocellular Carcinoma with Right Atrial Extension: Tumor Regression with Transarterial Chemoembolization and Sorafenib. *Clinical Gastroenterology and Hepatology* 2012; 19(10): E83-4.

3. Turer E, Rockey DC, **Singal AG**. A Potential Novel Use for Direct Antiviral Therapy. *Hepatology* 2013; 57(1): 414-415.

Letters to the Editor

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