

CURRICULUM VITAE

Callisia N. Clarke MD

Chief, Associate Professor
Department of Surgery
Division of Surgical Oncology

OFFICE ADDRESS:

Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

09/1998 - 05/2002 B.A., The College of Wooster, Wooster, OH
08/2002 - 06/2006 M.D., University of Cincinnati College of Medicine, Cincinnati, OH

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2006 - 06/2012 Resident, Department of Surgery, University of Cincinnati College of Medicine, 231 Albert Sabin Way, Cincinnati, OH 45267
07/2012 - 06/2013 Chief Resident, Department of Surgery, University of Cincinnati College of Medicine, 231 Albert Sabin Way, Cincinnati, OH 45267
07/2013 - 06/2016 Fellow, Department of Surgical Oncology, The University of Texas MD Anderson Cancer Center, 1515 Holcombe Blvd, Houston, TX 77030

MILITARY SERVICE:

None

FACULTY APPOINTMENTS:

07/2006 - 06/2013 Clinical Instructor of Surgery, Surgery, University of Cincinnati College of Medicine, Cincinnati, OH 45267
07/2009 - 06/2010 House Physician, Medical Staff, Surgery, Shriners Hospital for Children, Cincinnati, OH 45267
07/2013 - 07/2016 Clinical Specialist, Surgical Oncology, The University Of Texas MD Anderson Cancer, Houston, TX 77030
09/2016 - Present Assistant Professor, Surgery, Division of Surgical Oncology, Milwaukee, WI 53226

ADMINISTRATIVE APPOINTMENTS:

07/2012 - 06/2013 Graduate Medical Education Residency Advisory Representative, Surgery, The University of Cincinnati College of Medicine, Cincinnati, OH 45267
07/2015 - 06/2016 Administrative Fellow for Medical Quality Improvement, Surgical Oncology, Houston Texas 2015- 2016 The University of Texas MD Anderson Cancer Center, Houston, TX 77030

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

None

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

None

RESEARCH ADMINISTRATIVE APPOINTMENTS:

None

HOSPITAL STAFF PRIVILEGES:

09/2016 - Present Froedtert Memorial Lutheran Hospital, 9200 West Wisconsin Avenue, Milwaukee, WI 53226

01/2017 - Present Children's Hospital of Wisconsin, 8915 W. Connell Ct, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
General Surgery ABS	11/2013	11/2023
Complex General Surgical Oncology ABS	01/2017	01/2027

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Fundamentals of Laparoscopic Surgery	SAGES	03/2012	None
Advanced Trauma Life Support	ACS	06/2013	None
Advanced Cardiac Life Support	AHA	03/2015	03/2017
Certified in Medical Quality ABMQ		05/2015	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Ohio Medical License	35.092759	12/12/2008	04/01/2017
Texas Medical License	P5611	02/28/2013	02/28/2019
Wisconsin Medical License	66205-20	09/16/2017	10/31/2017

AWARDS AND HONORS:

08/2002 - Present Gaston Scholarship - Academic excellence, University of Cincinnati College of Medicine
 02/2006 - Present Alpha Omega Alpha
 05/2006 - Present Ruth Lyons Award - Academic excellence & Leadership University of Cincinnati College of
 03/2007 - Present City of Cincinnati Leaders of the Future Award - Young Professionals Under 30
 05/2007 - Present Speaking of Women's Health Symposium Honoree - Community Health Education
 10/2009 - Present Winner, Basic Science Presentation, Annual Meeting Ohio Chapter - ACS
 02/2010 - Present First Place, Basic Science Award. Cincinnati Surgical Society Resident Research
 Competition
 06/2012 - Present James M. Hurst Trauma Resident of the Year Award
 03/2015 - Present Fellow Award for the Best Basic Science Research Paper, 68th SSO Annual Cancer
 Symposium
 Medicine

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

02/2006 - Present Alpha Omega Alpha Medical Honor Society
 07/2010 - Present American College of Surgeons
 07/2013 - Present Society of Surgical Oncology
 07/2013 - Present American Society of Clinical Oncology
 11/2016 - Present Wisconsin Surgical Society
 12/2016 - Present Milwaukee Academic Surgical Society
 12/2016 - Present Milwaukee Gastrointestinal Society
 01/2017 - Present Central Surgical Society
 02/2017 - Present Association for Academic Surgery
 02/2017 - Present Society of Black Academic Surgeons
 03/2017 - Present North American Neuroendocrine Tumor Society

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**Editorship**

02/2017 - Present Ad Hoc Reviewer, Journal of Surgical Oncology

03/2017 - 08/2017 Invited Editor Focused Issue, Journal Gastroenterology Oncology

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

None

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

03/2017 - 03/2020 Member, Membership Committee, Society of Surgical Oncology

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**Active****Non-Peer Review**

Title:	Parathyroid Cancer Research Grant
Source:	MD Anderson Cancer Center
Role:	Co-Investigator
Dates:	07/01/2012 - Present
Direct Funds:	\$80,000

Prior**Peer Review**

Title:	T32 Training Grant - 1T32GM08478
Source:	NIH
Role:	Fellow, Department of Surgery University of Cincinnati
Dates:	07/01/2008 - 06/30/210

Title:	T32 Training Grant - 5T32CA009599-24
Source:	NIH
Role:	Fellow, Department of Surgical Oncology, MD Anderson Cancer Center
Dates:	07/01/2014 - 06/30/2015

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**Local**

1/27/2017 - Surgical Management of Locally Advanced Pancreas Cancer Case Presentation. Medical College of Wisconsin Pancreas Symposium. Milwaukee, WI.

Regional

11/11/2016 - Pancreatic Neuroendocrine Case Presentations. North American Neuroendocrine Tumor Society Regional Conference. Milwaukee, WI.

National

8/1/2017 - Updates in Melanoma Management. 115th National Medical Association Annual National Convention and Scientific Assembly. Philadelphia, PA.

International

None

PEER REVIEWED WORKSHOPS/PRESENTATIONS:**Local**

Clarke CN, Kuboki S, Edwards MJ, Lentsch AB., Is CXCR Chemokine Receptor-1 signaling after Liver

Ischemia/Reperfusion in Mice Hepatoprotective?, Cincinnati Surgical Society Resident Research Competition, Cincinnati Ohio., 02/01/2010

Regional

Clarke CN, Kuboki S, Edwards MJ, Lentsch AB., Is CXC Chemokine Receptor-1 signaling after Liver Ischemia/Reperfusion in Mice Hepatoprotective?, Annual Meeting Ohio Chapter-ACS, Cleveland, Ohio., 05/01/2009

National

- Clarke CN, Tsuei BJ, Butler KL., Equine Related Injury: A retrospective analysis of outcomes over a 10 year period., Society of Black Academic Surgeons, 17th Annual Scientific Session, Chicago, Illinois., 04/12/2007
- Clarke CN, Everly JJ, Tevar AD., Predictors of Poor Outcomes in Patients with Nonalcoholic Steatohepatitis Undergoing Orthotopic Liver Transplantation., Society of Black Academic Surgeons, 19th Annual Scientific Session, Seattle, Washington, 04/02/2009
- Clarke CN, Kuboki S, Tevar AD, Edwards MJ, Lentsch AB., Roles of NF- κ B and STAT-3 in CXC chemokine-mediated hepatocyte proliferation and cell death., The American College of Surgeons, 94th Annual Clinical Congress, Chicago, Illinois., 10/12/2009
- Clarke CN, Kuboki S, Sakai N, Tevar AD, Blanchard J, Edwards MJ, Lentsch AB., Potential Hepatoprotective Role for CXC Chemokine Receptor-1 after Liver Ischemia/Reperfusion in Mice., Experimental Biology, Anaheim, California., 04/24/2010
- Clarke CN, Sakai N, Tevar AD, Blanchard J, Edwards MJ, Lentsch AB., CXC chemokine signaling in hepatocytes: NF- κ B and STAT-3 signaling mediates hepatocyte proliferation and cell death., Experimental Biology, Anaheim, California, 04/25/2010
- Clarke CN, Sakai N, Tevar AD, Blanchard J, Edwards MJ, Lentsch AB., CXC Chemokines are Not Direct Mitogens for Hepatocytes., Experimental Biology, Anaheim, California., 04/25/2010
- Clarke CN, Sakai N, Tevar AD, Blanchard J, Edwards MJ, Lentsch AB., CXC chemokine signaling in hepatocytes and the roles of NF- κ B and STAT-3 in mediating hepatocyte proliferation and cell death., Society of Black Academic Surgeons, 20th Annual Scientific Session, Durham, North Carolina., 04/30/2010
- Clarke CN, Lee MS, Wei W, Manyam G, Jiang Z, Broom B, Menter D, Vilar-Sanchez E, Raghav K, Eng C, Chang G, Simon, I, Bernards, R, Overman M, Mills G, Maru D, Kopetz S., Proteomic features of colorectal cancer independently predict relapse-free survival and identify tumor subgroups independent of oncogenic mutations. Plenary Podium Presentation, 68th SSO Annual Cancer Symposium- Plenary Podium Presentation, Houston, Texas, 03/26/2015
- Clarke CN, Patel S, Day R, George S, Sweeney C, Avaloa Monetes De Oca G, Ait Aiss M, Grubbs EG, Bednarski BK, Lee JE, Skibber JM, Aloia TA., Implementation of a standardized electronic tool improves compliance accuracy and efficiency of trainee-to-trainee patient care handoffs after complex general surgical oncology procedures., 11th Annual Academic Surgical Congress, Jacksonville, FL, 02/03/2016
- Christakis I, Busaidy N, Clarke CN, Kwatampora, Warneke CL, Silva A, Williams M, Grubbs EG, Lee JE, Perrier, N, Differentiating Atypical Parathyroid Neoplasm from Parathyroid Cancer, 69th SSO Annual Cancer Symposium, Boston MA, March 2016., 03/03/2016
- Clarke CN, Rodriguez-Bigas MA, Chang GJ, Bednarski B, Feig B, You YN., Neutrophil-lymphocyte Ratio Confers Prognostic Significance in MSI-high Colorectal Cancer, 69th SSO Annual Cancer Symposium, Boston, MA, 03/04/2016

International

None

COMMITTEE SERVICE:

Medical College of Wisconsin

- 06/2005 - 06/2007 Member Grievance and Promotions Committee, University of Cincinnati College of Medicine, 231 Albert Sabin Way, Cincinnati, OH 45267
- 07/2009 - 06/2011 Resident Duty Hours Committee, The University of Cincinnati Office of Graduate
- 07/2009 - 06/2011 Member Admissions Committee, University of Cincinnati College of Medicine, 231

Albert Sabin Way, Cincinnati, OH 45267
11/2016 - Present Member, Institutional Review Board (IRB) Committee, Medical College of Wisconsin
9200 W. Wisconsin Ave, Milwaukee WI 53226
01/2017 - Present Member, Resident Clinical Competency Committee, The Medical College of Wisconsin,
9200 West Wisconsin Ave, Milwaukee
Medical Education, 231 Albert Sabin Way, Cincinnati, OH 45267

Hospital

10 - Present 10
None

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

None

Medical Student Education

09/2001 - Present M3 Surgical Clerkship Lecture- Pancreas

Resident and Fellow Education

09/2016 - Present Weekly Surgical Oncology Resident Teaching Conference
03/06/2017 - Present PGY2 Curriculum Lecture - Management of Colorectal Liver Metastasis

Continuing Medical Education

02/21/2016 - Present St. Agnes Cancer Center Fond du Lac - Sentinel Lymph Node Biopsy for Melanoma:
How, Why and Who?

Graduate Student Education

None

Postdoctoral Fellow Education

None

EXTRAMURAL TEACHING:

Continuing Medical Education

None

Graduate Student Education

None

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS

MENTORED:

High School Students

None

Undergraduate Students

None

Medical Students

Zoe Morgan MCW, 12/2016 - Present Medical Student Summer Research Mentor

Postdoctoral Students

None

Clinical/Research Fellows

None

Residents

None

None

Faculty

None

None

PROGRAMMATIC DEVELOPMENTS:

Research Programs

None

Clinical Programs

None

Community Programs

None

COMMUNITY SERVICE ACTIVITIES:

None

GLOBAL HEALTH ACTIVITIES:

Village Life Outreach Project - Board Member 2010-2013, Physician volunteer

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Jourden MJ, Clarke CN, Palmer AK, Barth EJ, Prada RC, Hale RN, Fraga D, Snider MJ, Edmiston PL. Changing the substrate specificity of creatine kinase from creatine to glycocyamine: evidence for a highly evolved active site. *Biochem Biophys Acta*. 2007; 1774(12):1519-27.
2. Clarke CN, Tsuei BJ, Butler KL. Equine Related Injury: A retrospective analysis of outcomes over a 10 year period. *Am J Surg* 2008; 195:702-4.
3. Kuboki S, Saki N, Eismann T, Huber N, Clarke CN, Schuster R, Blanchard J, Edwards MJ, Lentsch AB. The peptidyl-prolyl isomerase, Pin1, facilitates NF- κ B binding in hepatocytes and protects against hepatocellular injury after ischemia/reperfusion in mice. *J Hepatol*. 2009; 51(2):296-306.
4. Clarke CN, Kuboki S, Tevar A, Lentsch AB, Edwards MJ. CXC Chemokines Play A Critical Role in Liver Injury, Recovery and Regeneration. *Am J Surg* 2009; 198(3):415-9.
5. Tevar AD, Clarke CN, Wang J, Rudich SM, Woodle ES, Lentsch AB, Edwards MJ. Clinical review of nonalcoholic steatohepatitis in liver surgery and transplantation. *J Am Coll Surg* 2010; 210(4):515-26.
6. Sakai N, Clarke CN, Tevar AD, Edwards MJ, Lentsch AB. Portal Vein Ligation Accelerates Tumor Growth in Ligated, but not Contralateral Lobes. *World J Gastroenterol* 2010; 16(30):3816-26.
7. Clarke CN, Sakai N, Tevar AD, Schuster R, Edwards MJ, Lentsch AB. STAT3 Does Not Regulate Acute Liver Injury After Ischemia/Reperfusion. *J Surg Res* 2011; 171(2):814-8.
8. Goodman MD, Makley AT, Huber NL, Clarke CN, Friend LA, Schuster RM, Bailey SR, Barnes SL, Dorlac WC, Johannigman JA, Lentsch AB, Pritts TA. Hypobaric hypoxia exacerbates the neuroinflammatory response to traumatic brain injury. *J Surg Res* 2011; 165 (1):30-7.
9. Tevar AD, Clarke CN, Schuster R, Wang J, Edwards MJ, Lentsch AB. The Effect of Hepatic Ischemia Reperfusion Injury in a Murine Model of Nonalcoholic Steatohepatitis. *J Surg Res*.2011; 169(1):7-14.
10. Clarke CN, Kuboki S, Sakai N, Tevar AD, Blanchard J, Edwards MJ, Lentsch AB. Potential Hepatoprotective Role for CXC Chemokine Receptor-1 after Liver Ischemia/Reperfusion in Mice.

Hepatology 2011; 53 (1):261-71.

11. Clarke CN, Kopetz S. BRAF mutant colorectal cancer as a distinct subset of colorectal cancer: clinical characteristics, clinical behavior, and response to targeted therapies. *J Gastrointest Oncol* 2015;6(6):660-667.
12. Clarke CN, Kwatampora L, Silva A, Zorba, Y, Williams MD, Kopetz ES, Lee JE, Perrie, ND, Busaidy NL. Recurrent parathyroid carcinoma and the need for molecular profiling to aid in prognostication and therapeutics. *J Clin Oncol (Meeting Abstracts)* May 2015 vol. 33 no. 15_suppl e17012.
13. Christakis I, Busaidy N, Clarke CN, Kwatampora, Warneke CL, Silva A, Williams M, Grubbs EG, Lee JE, Perrier N. Differentiating Atypical Parathyroid Neoplasm from Parathyroid Cancer. *Ann Surg Oncol* 2016; 23: 2889-97.
14. Christakis IA, Busaidy NL, Cote GJ, Williams MD, Hyde SM, Silva Figueroa AM, Kwatampora LJ, Clarke CN, Qiu W, Lee JE, Perrier ND. Parathyroid Carcinoma and Atypical Parathyroid Neoplasms in MEN1 Patients; A Clinico-Pathologic Challenge. The MD Anderson Case Series and Review of the Literature. *Int J Surg.* 2016; (31) 10-16.
15. Christakis IA, Silva Figueroa AM, Kwatampora LJ, Warneke CL, Clarke CN, Williams MD, Grubbs EG, Lee JE, Busaidy NL, Perrier ND. Wanted: Oncologic Progress for the Treatment of Parathyroid Carcinoma. Accepted - In Press. *Journal of Surgical Oncology*.
16. Clarke CN, Patel S, Day R, George S, Sweeney C, Avaloa Monetes De Oca G, Ait Aiss M, Grubbs EG, Bednarski BK, Lee JE, Skibber JM, Aloia TA. Implementation of a standardized electronic tool improves compliance, accuracy and efficiency of trainee-to-trainee patient care handoffs after complex general surgical oncology procedures. Accepted - In Press. *Surgery*
17. Yamashita S, Brudvik KW, Kopetz SE, Dipen M, Clarke CN, Passot G, Conrad C, Chun YS, Aloia TA and Vauthey JN Embryonic Origin of Primary Colon Cancer Predicts Pathologic Response and Survival in Patients Undergoing Resection for Colon Cancer Liver Metastases. Accepted - In Press *Annals of Surgery*.
18. Silva Figueroa AM, Clarke CN, Christakis IA, , Kwatampora LJ, Warneke CL, Williams MD, Grubbs EG, Lee JE, Busaidy NL, Perrier ND. A Prognostic Scoring System to Risk Stratify Parathyroid Carcinoma. Accepted - In Press *JACS*
19. Clarke CN , Lee MS, Wei W , Manyam G, Jiang Z, Lu Y, Morris J, Broom B, Menter D, Vilar-Sanchez E, Raghav K, Eng C, Chang G, Simon, I, Bernards, R, Overman M, Mills G, Maru D, Kopetz S. Proteomic features of colorectal cancer independently predict relapse-free survival. Submitted - *Annals of Surgical Oncology*.
20. Jourden MJ, Clarke CN, Palmer AK, Barth EJ, Prada RC, Hale RN, Fraga D, Snider MJ, Edmiston PL. Changing the substrate specificity of creatine kinase from creatine to glycocyamine: evidence for a highly evolved active site. *Biochim Biophys Acta.* 2007 Dec;1774(12):1519-27.
21. Kuboki S, Sakai N, Clarke C, Schuster R, Blanchard J, Edwards MJ, Lentsch AB. The peptidyl-prolyl isomerase, Pin1, facilitates NF-kappaB binding in hepatocytes and protects against hepatic ischemia/reperfusion injury. *J Hepatol.* 2009 Aug;51(2):296-306. PMID: PMC2747648
22. Clarke CN, Tsuei BJ, Butler KL. Equine-related injury: a retrospective analysis of outcomes over a 10-year period. *Am J Surg.* 2008 May;195(5):702-4.
23. Clarke CN, Kuboki S, Tevar A, Lentsch AB, Edwards M. CXC chemokines play a critical role in liver injury, recovery, and regeneration. *Am J Surg.* 2009 Sep;198(3):415-9. PMID: PMC2736150
24. Tevar AD, Clarke C, Wang J, Rudich SM, Woodle ES, Lentsch AB, Edwards ML. Clinical review of nonalcoholic steatohepatitis in liver surgery and transplantation. *J Am Coll Surg.* 2010 Apr;210(4):515-26. PMID: PMC4607044
25. Clarke C, Sakai N, Tevar AD, Schuster R, Edwards MJ, Lentsch AB. STAT3 does not regulate acute liver injury after ischemia/reperfusion. *J Surg Res.* 2011 Dec;171(2):814-8. PMID: PMC2965827
26. Sakai N, Clarke CN, Schuster R, Blanchard J, Tevar AD, Edwards MJ, Lentsch AB. Portal vein ligation accelerates tumor growth in ligated, but not contralateral lobes. *World J Gastroenterol.* 2010 Aug 14;16(30):3816-26. PMID: PMC2921094
27. Goodman MD, Makley AT, Huber NL, Clarke CN, Friend LA, Schuster RM, Bailey SR, Barnes SL, Dorlac WC, Johannigman JA, Lentsch AB, Pritts TA. Hypobaric hypoxia exacerbates the neuroinflammatory response to traumatic brain injury. *J Surg Res.* 2011 Jan;165(1):30-7. PMID: PMC4607063
28. Clarke C, Kuboki S, Sakai N, Kasten KR, Tevar AD, Schuster R, Blanchard J, Caldwell CC, Edwards MJ, Lentsch AB. CXC chemokine receptor-1 is expressed by hepatocytes and regulates liver recovery after hepatic ischemia/reperfusion injury. *Hepatology.* 2011 Jan;53(1):261-71. PMID: PMC3058860
29. Tevar AD, Clarke CN, Schuster R, Wang J, Edwards MJ, Lentsch AB. The effect of hepatic ischemia

- reperfusion injury in a murine model of nonalcoholic steatohepatitis. *J Surg Res.* 2011 Jul;169(1):e7-14. PMID: PMC4599341
30. Clarke CN, Sussman JJ, Abbott DE, Ahmad SA. Factors affecting readmission after pancreaticoduodenectomy. *Adv Surg.* 2013;47:99-110.
 31. Clarke CN, Kopetz ES. BRAF mutant colorectal cancer as a distinct subset of colorectal cancer: clinical characteristics, clinical behavior, and response to targeted therapies. *J Gastrointest Oncol.* 2015 Dec;6(6):660-7. PMID: PMC4671844
 32. Christakis I, Bussaidy N, Clarke C, Kwatampora LJ, Warneke CL, Silva AM, Williams MD, Grubbs EG, Lee JE, Perrier ND. Differentiating Atypical Parathyroid Neoplasm from Parathyroid Cancer. *Ann Surg Oncol.* 2016 Sep;23(9):2889-97.
 33. Christakis I, Busaidy NL, Cote GJ, Williams MD, Hyde SM, Silva Figueroa AM, Kwatampora LJ, Clarke CN, Qiu W, Lee JE, Perrier ND. Parathyroid carcinoma and atypical parathyroid neoplasms in MEN1 patients; A clinico-pathologic challenge. The MD Anderson case series and review of the literature. *Int J Surg.* 2016 Jul;31:10-6.
 34. Christakis I, Silva AM, Kwatampora LJ, Warneke CL, Clarke CN, Williams MD, Grubbs EG, Lee JE, Busaidy NL, Perrier ND. Oncologic progress for the treatment of parathyroid carcinoma is needed. *J Surg Oncol.* 2016 Nov;114(6):708-713.
 35. Clarke CN, Patel SH, Day RW, George S, Sweeney C, Monetes De Oca GA, Aiss MA, Grubbs EG, Bednarski BK, Lee JE, Bodurka DC, Skibber JM, Aloia TA. Implementation of a standardized electronic tool improves compliance, accuracy, and efficiency of trainee-to-trainee patient care handoffs after complex general surgical oncology procedures. *Surgery.* 2017 Mar;161(3):869-875.
 36. Yamashita S, Brudvik KW, Kopetz SE, Maru D, Clarke CN, Passot G, Conrad C, Chun YS, Aloia TA, Vauthey JN. Embryonic Origin of Primary Colon Cancer Predicts Pathologic Response and Survival in Patients Undergoing Resection for Colon Cancer Liver Metastases. *Ann Surg.* 2018 Mar;267(3):514-520. PMID: PMC5901745
 37. Korphaisarn K, Chou CK, Xia WY, Clarke CN, Katkhuda R, Davis JS, Raghav KPS, Liao HW, Wu JY, Menter DG, Maru DM, Hung MC, Kopetz S. Arginine methylation of EGFR: A new biomarker for predicting resistance to anti-EGFR treatment *American Journal of Cancer Research.* 2017;7(12):2587-2599.
 38. Silva-Figueroa AM, Hess KR, Williams MD, Clarke CN, Christakis I, Graham PH, Grubbs EG, Lee JE, Busaidy NL, Perrier ND. Prognostic Scoring System to Risk Stratify Parathyroid Carcinoma. *J Am Coll Surg.* 2017 Mar 15.
 39. Berger NG, Tanious MN, Hammad AY, Miura JT, Mogal H, Clarke CN, Christians KK, Tsai S, Gamblin TC. External radiation or ablation for solitary hepatocellular carcinoma: A survival analysis of the SEER database. *J Surg Oncol.* 2017 Sep;116(3):307-312.
 40. Clarke CN, Choi H, Hou P, Davis CH, Ma J, Rashid A, Vauthey JN, Aloia TA. Using MRI to non-invasively and accurately quantify preoperative hepatic steatosis. *HPB (Oxford).* 2017 Aug;19(8):706-712.
 41. Silva JP, Berger NG, Tsai S, Christians KK, Clarke CN, Mogal H, White S, Rilling W, Gamblin TC. Transarterial chemoembolization in hepatocellular carcinoma with portal vein tumor thrombosis: a systematic review and meta-analysis. *HPB (Oxford).* 2017 Aug;19(8):659-666.
 42. Silva JP, Gorman RA, Berger NG, Tsai S, Christians KK, Clarke CN, Mogal H, Gamblin TC. The prognostic utility of baseline alpha-fetoprotein for hepatocellular carcinoma patients. *J Surg Oncol.* 2017 Dec;116(7):831-840.
 43. Barnes CA, Krepline AN, Aldakkak M, Clarke CN, Christians KK, Khan AH, Hunt BC, Ritch PS, George B, Hall WA, Erickson BA, Evans DB, Tsai S. Is Adjuvant Therapy Necessary for All Patients with Localized Pancreatic Cancer Who Have Received Neoadjuvant Therapy? *J Gastrointest Surg.* 2017 Nov;21(11):1793-1803.
 44. Clarke CN, Lee MS, Wei W, Manyam G, Jiang ZQ, Lu Y, Morris J, Broom B, Menter D, Vilar-Sanchez E, Raghav K, Eng C, Chang GJ, Simon I, Bernards R, Overman M, Mills GB, Maru D, Kopetz S. Proteomic Features of Colorectal Cancer Identify Tumor Subtypes Independent of Oncogenic Mutations and Independently Predict Relapse-Free Survival. *Ann Surg Oncol.* 2017 Dec;24(13):4051-4058. PMID: PMC6063735
 45. Berger NG, Silva JP, Mogal H, Clarke CN, Bedi M, Charlson J, Christians KK, Tsai S, Gamblin TC. Overall survival after resection of retroperitoneal sarcoma at academic cancer centers versus community cancer centers: An analysis of the National Cancer Data Base. *Surgery.* 2018 Feb;163(2):318-323.
 46. Silva JP, Berger NG, Yin Z, Liu Y, Tsai S, Christians KK, Clarke CN, Mogal H, Clark Gamblin T. Minimally invasive hepatectomy conversions: an analysis of risk factors and outcomes. *HPB (Oxford).*

2018 Feb;20(2):132-139.

47. Clarke CN, You YN, Feig BW. Cancer of the colon, rectum, and anus The MD Anderson Surgical Oncology Handbook, Sixth Edition. 1 January 2018:304-356.
48. Korphaisarn K, Chou CK, Xia WY, Clarke CN, Katkhuda R, Davis JS, Raghav KP, Liao HW, Wu JY, Menter DG, Maru DM, Hung MC, Kopetz S. Arginine methylation of EGFR: a new biomarker for predicting resistance to anti-EGFR treatment. *Am J Cancer Res*. 2017;7(12):2587-2599. PMID: PMC5752698
49. Silva JP, Berger NG, Yin Z, Liu Y, Tsai S, Christians KK, Clarke CN, Mogal H, Gamblin TC. The effect of prior upper abdominal surgery on outcomes after liver transplantation for hepatocellular carcinoma: An analysis of the database of the organ procurement transplant network. *Surgery*. 2018 May;163(5):1028-1034.
50. Liu C, Berger NG, Rein L, Tarima S, Clarke C, Mogal H, Christians KK, Tsai S, Gamblin TC. Gallbladder carcinoma: An analysis of the national cancer data base to examine hispanic influence. *J Surg Oncol*. 2018 Jun;117(8):1664-1671.
51. Silva-Figueroa A, Villalobos P, Williams MD, Bassett RL Jr, Clarke CN, Lee JE, Busaidy NL, Perrier ND. Characterizing parathyroid carcinomas and atypical neoplasms based on the expression of programmed death-ligand 1 expression and the presence of tumor-infiltrating lymphocytes and macrophages. *Surgery*. 2018 Nov;164(5):960-964.
52. Silva JP, Klooster B, Tsai S, Christians KK, Clarke CN, Mogal H, Clark Gamblin T. Elective Regional Therapy Treatment for Hepatic Adenoma. *Ann Surg Oncol*. 2019 Jan;26(1):125-130.
53. Yao JC, Clarke CN, Evans DB. Pancreatic neuroendocrine tumors DeVita, Hellman, and Rosenberg's Cancer: Principles & Practice of Oncology. 16 November 2018:1353-1367.
54. Chavez MI, Tsai S, Clarke CN, Aldakkak M, Griffin MO, Khan AH, Ritch PS, Erickson BA, Evans DB, Christians KK. Distal splenorenal and mesocaval shunting at the time of pancreatectomy. *Surgery*. 2019 Feb;165(2):298-306.
55. Wilkinson KH, Ethun CG, Hembrook M, Bedi M, Charlson J, Mogal H, Tsai S, Christians K, Tran TB, Poultides G, Grignol V, Howard JH, Tseng J, Roggin KK, Chouliaras K, Votanopoulos K, Cullinan D, Fields RC, Weber S, Gamblin TC, Cardona K, Clarke CN. Outcomes of Elderly Patients Undergoing Curative Resection for Retroperitoneal Sarcomas: Analysis From the US Sarcoma Collaborative. *J Surg Res*. 2019 Jan;233:154-162.
56. Silva JP, Maurina MN, Tsai S, Christians KK, Clarke CN, Mogal H, Saeian K, Gamblin TC. Effect of Donor Race-Matching on Overall Survival for African-American Patients Undergoing Liver Transplantation for Hepatocellular Carcinoma. *J Am Coll Surg*. 2019 Mar;228(3):245-254.
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