

## Delivery Science Research Program Publications as of June 2019

Specialty/Project	Physician and researcher leads	Publication
<b>Delivery Science - General</b>		
	Richard Grant, Julie Schmittziel	Grant RW, Schmittziel JA. Building a Career as a Delivery Science Researcher in a Changing Health Care Landscape. <a href="#">J Gen Intern Med</a> . 2015 Jul;30(7):880-2. doi: 10.1007/s11606-015-3178-9 PMID: 25591970
	Phil Madvig, Tracy Lieu	Lieu, TA, Madvig, PR. Strategies for Building Delivery Science in an Integrated Health Care System. <a href="#">J Gen Intern Med</a> . 2019 Jan 25. doi: 10.1007/s11606-018-4797-8. PMID:30684194
	Tracy Lieu	Lieu TA, Platt R. Applied Research and Development in Health Care - Time for a Frameshift. <a href="#">N Engl J Med</a> . 2017 Feb 23;376(8):710-713. doi: 10.1056/NEJMp1611611. PMID: 2822567
	Julie Schmittziel, Richard Grant	Schmittziel JA, Grant RW. Crossing the Research to Quality Chasm: Checklist for Researchers and Clinical Leadership Partners. <a href="#">J Gen Intern Med</a> . 2018 Jan;33(1):9-10. doi: 10.1007/s11606-017-4189-5. Epub 2017 Oct 2. PMID: 28971299
<b>Target Analysis Program</b>		
	Rick Dlott, Julie Schmittziel	Schmittziel JA, Dlott R, Young JD, Rothmann MB, Dyer W, Adams AS. The Delivery Science Rapid Analysis Program: A Research and Operational Partnership at Kaiser Permanente Northern California. <a href="#">Learn Health Syst</a> . 2017 Oct;1(4). pii: e10035. doi: 10.1002/lrh2.10035. Epub 2017 Jul 12. PMID: 29152588
<b>Adult and family medicine</b>		
Complex chronic patients	Julie Sandoval, Richard Grant	Garcia ME, Uratsu CS, Sandoval-Perry J, Grant RW. Which Complex Patients Should Be Referred for Intensive Care Management? A Mixed-Methods Analysis. <a href="#">J Gen Intern Med</a> . 2018 Sep;33(9):1454-1460. doi: 10.1007/s11606-018-4488-5. PMID: 29797217
<b>Emergency Medicine</b>		
Real-time decision support algorithms for pulmonary embolism in the ED	CREST Network, Mary Reed	Liu MY, Ballard DW, Huang J, Rauchwerger AS, Reed ME, Bouvet SC, Vinson DR. Acute Pulmonary Embolism in Emergency Department Patients Despite Therapeutic Anticoagulation. <a href="#">West J Emerg Med</a> . 2018 May;19(3):510-516. doi: 10.5811/westjem.2018.1.35586. PMID: 29760849
		Simon LE, Iskin HR, Vemula R, Huang J, Rauchwerger AS, Reed ME, Ballard DW, Vinson DR. Emergency Department Patient Satisfaction with Treatment of Low-

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		<p>risk Pulmonary Embolism. <a href="#">West J Emerg Med</a>. 2018 Nov;19(6):938-946. doi: 10.5811/westjem.2018.9.38865. PMID: 30429925</p> <p>Vinson DR, Ballard DW, Huang J, Reed ME, Lin JS, Kene MV, Sax DR, Rauchwerger AS, Wang DH, McLachlan DI, Pleshakov TS, Silver MA, Clague VA, Klonecke AS, Mark DG, MAPLE Investigators of the KP CREST Network. Outpatient Management of Emergency Department Patients With Acute Pulmonary Embolism: Variation, Patient Characteristics, and Outcomes. <a href="#">Ann Emerg Med</a>. 2018 Jul;72(1):62-72.e3. doi: 10.1016/j.annemergmed.2017.10.022. Epub 2017 Dec 13. PMID: 29248335</p> <p>Vinson DR, Ballard DW, Mark DG, Huang J, Reed ME, Rauchwerger AS, Wang DH, Lin JS, Kene MV, Pleshakov TS, Sax DK, Sax JM, McLachlan DI, Yamin CK, Swap CJ, Iskin HR, Vemula R, Fleming BS, Elms AR, Aujesky D, MAPLE investigators of the KP CREST Network. Risk stratifying emergency department patients with acute pulmonary embolism: Does the simplified Pulmonary Embolism Severity Index perform as well as the original? <a href="#">Thromb Res</a>. 2016 Dec;148:1-8. doi: 10.1016/j.thromres.2016.09.023. Epub 2016 Sep 24. PMID: 764729</p> <p>Vinson DR, Mark DG, Chettipally UK, Huang J, Rauchwerger AS, Reed ME, Lin JS, Kene MV, Wang DH, Sax DR, Pleshakov TS, McLachlan ID, Yamin CK, Elms AR, Iskin HR, Vemula R, Yealy DM, Ballard DW. Increasing safe outpatient management for emergency department patients with pulmonary embolism: a controlled pragmatic trial. <a href="#">Ann Intern Med</a>. 2018 Dec 18;169(12):855-865. doi: 10.7326/M18-1206. PMID: 30422263</p>
<p>KP-specific cardiac history and risk summaries: standardizing Emergency Work-ups Around Risk Data (STEWARD) Chest Pain Project - Phase 1</p>	<p>Dustin Mark, Mary Reed</p>	<p>Mark DG, Huang J, Chettipally U, Kene MV, Anderson ML, Hess EP, Ballard DW, Vinson DR, Reed ME. Performance of coronary risk scores in patients with chest pain in the emergency department. <a href="#">J Am Coll Cardiol</a>. 2018 Feb 13;71(6):606-616. doi: 10.1016/j.jacc.2017.11.064. PMID 29420956</p>
<b>Infectious Diseases</b>		
<p>Effectiveness and safety of interferon-free treatment for hepatitis C virus (HCV) infection</p>	<p>David Witt, Michael Allerton Michael Silverberg</p>	<p>Marcus JL, Hurley LB, Chamberland S, Champsi JH, Gittleman LC, Korn DG, Lai JB, Lam JO, Pauly MP, Quesenberry CP, Ready J, Saxena, V, Seo SI, Witt, DJ, Silverberg MJ. No Difference in Effectiveness of 8 vs 12 Weeks of Ledipasvir and Sofosbuvir for</p>

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		<p>Treatment of Hepatitis C in Black Patients. <a href="#">Clin Gastroenterol Hepatol</a>. 2018 June; 16(6):927-935. doi:10.1016/j.cgh.2018.03.003. Epub 2018 Mar 11. PMID: 29535057</p> <p>Marcus JL, Hurley LB, Chamberland S, Champesi JH, Gittleman LC, Korn DG, Lai JB, Lam JO, Pauly MP, Quesenberry CP, Ready J, Saxena, V, Seo SI, Witt, DJ, Silverberg MJ. Disparities in Initiation of Direct-Acting Antiviral Agents for Hepatitis C Virus Infection in an Insured Population. <a href="#">Public Health Rep</a>. 2018 Jul/Aug; 133(4):452-460. doi: 10.1177/0033354918772059. Epub 2018 May 11. PMID: 29750893</p> <p>Ojha RP, MacDonald BR, Chu T, Marcus JL. Potential overestimation of racial disparities in response to the 8-week ledipasvir/sofosbuvir regimen for hepatitis C virus genotype 1 infection. <a href="#">Gastroenterology</a>. 2018 Nov;155(5):1646-1647.e2. doi: 10.1053/j.gastro.2018.07.044. Epub 2018 Aug 15. PMID: 30118741</p>
<b>Gyn-Oncology</b>		
Surgical referral and outcomes of standardized ultrasound reporting of adnexal masses	Betty Suh-Burgmann Lisa Herrinton	<p>Suh-Burgmann E, Flanagan T, Osinski T, Alavi M, Herrinton L. Prospective Validation of a Standardized Ultrasonography-Based Ovarian Cancer Risk Assessment System. <a href="#">Obstet Gynecol</a>. 2018 Oct 5. doi: 10.1097/AOG.0000000000002939. [Epub ahead of print] PMID: 30303910</p> <p>Suh-Burgmann EJ, Flanagan T, Lee N, Osinski T, Sweet C, Lynch M, Caponigro M, Mehta J, Alavi M, Herrinton LJ. Large-Scale Implementation of Structured Reporting of Adnexal Masses on Ultrasound. <a href="#">J Am Coll Radiol</a>. 2018 May;15(5):755-761. doi: 10.1016/j.jacr.2018.01.026. PMID:29571644</p>
<b>Neurology</b>		
An evaluation of the StrokeEXPRESS thrombectomy program	Mai Nguyen-Huynh, Jeff Klingman, Alex Flint, Andy Avins	<p>Nguyen-Huynh MN, Klingman JG, Avins AL, Rao VA, Eaton A, Bhopale S, Kim AC, Morehouse JW, Flint AC. Novel Telestroke Program Improves Thrombolysis for Acute Stroke Across 21 Hospitals of an Integrated Healthcare System. <a href="#">Stroke</a>. Doi: 10.1161/STROKEAHA.117.018413. PMID: 29247142</p>

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<b>Oncology</b>		
All-Stage Melanoma: Rapid Case Ascertainment	Minggui Pan, Lisa Herrinton	Pan M, Alavi M, Herrinton LJ. Association of Inflammatory Markers with Disease Progression in Patients with Metastatic Melanoma Treated with Immune Checkpoint Inhibitors. <a href="#">Perm J</a> . 2018 Mar 30;22. doi: 10.7812/TPP/17-149. PMID 29616914.
PRognostic Information System (PRISM)	David Baer, Tracy Lieu	Lieu TA, Herrinton LJ, Buzkov DE, Liu L, Lyons D, Neugebauer R, et al. Developing a Prognostic Information System for Personalized Care in Real Time. <a href="#">eGEMs</a> (Generating Evidence & Methods to improve patient outcomes). 2019;7(1):2. doi: <a href="http://doi.org/10.5334/egems.266">http://doi.org/10.5334/egems.266</a>
<b>Pediatrics</b>		
Evaluating ASD interventions in KPNC	Meghan Davignon, Lisa Croen	Croen LA, Shankute N, Davignon M, Massolo ML, Yoshida C. Demographic and Clinical Characteristics Associated with Engagement in Behavioral Health Treatment Among Children with Autism Spectrum Disorders. <a href="#">J Autism Dev Disord</a> . 2017 Nov;47(11):3347- 3357. doi: 10.1007/s10803-017-3247-5. PMID: 28748332