

**CURRICULUM VITAE**  
**Part I**

**PERSONAL DATA**

**Kathryn McDonald, PhD, MM**

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**EDUCATION**

<b>Degree</b>	<b>Institution</b>	<b>Location</b>
PhD, Health Policy (Organizations & Management)	University of California Berkeley	Berkeley, California
MM (MBA)	Northwestern University Kellogg School of Management	Evanston, Illinois
BS, Chemical Engineering	Stanford University	Stanford, California

**PROFESSIONAL EXPERIENCE**

2019-Present	Bloomberg Distinguished Professor (Primary)	The Johns Hopkins University School of Nursing	Baltimore, Maryland
2019-Present	Bloomberg Distinguished Professor (Primary)	The Johns Hopkins University School of Medicine (General Internal Medicine)	Baltimore, Maryland
2022-Present	Advisor (Steering Committee)	School of Nursing, Center for Equity in Aging	Baltimore, Maryland
2021-Present	Faculty (Joint)	Malone Center for Engineering in Healthcare (MCEH), Johns Hopkins Whiting School of Engineering	Baltimore, Maryland
2021-Present	Co-Lead	Knowledge to Action and the Business of Health (KABOH) Bloomberg Distinguished Professors Cluster	Baltimore, Maryland
2020-Present	Bloomberg Distinguished Professor (Joint)	The Johns Hopkins University Bloomberg School of Public Health (Health Policy and Management)	Baltimore, Maryland

2020-Present	Co-Director	Johns Hopkins University Center for Diagnostic Excellence	Baltimore, Maryland
2020-Present	Core Faculty	Armstrong Institute for Quality and Patient Safety, Johns Hopkins University	Baltimore, Maryland
2019-Present	Bloomberg Distinguished Professor (Courtesy)	The Johns Hopkins Carey Business School	Baltimore, Maryland
2019-Present	Core Faculty, Leadership Team	Hopkins Business of Health (Hbhi)	Baltimore, Maryland
2021-2022	Interim Director	School of Nursing, Center for Innovative Care in Aging	Baltimore, Maryland
2003-2019	Executive Director	Stanford University – Freeman Spogli Institute for International Studies Center for Health Policy	Palo Alto, California
2002-2019	Senior Research Scholar/Senior Engineering Research Associate	Stanford University - Department of Medicine	Palo Alto, California
1998-2019	Executive Director (founding)	Stanford University- School of Medicine Center for Primary Care and Outcomes Research (PCOR)	Palo Alto, California
2002-2011	AHRQ Support for Quality Indicators Program Director	Stanford University	Palo Alto, California
1998-2004	TECH International Network Director	Stanford University	Palo Alto, California
1997-2002	Center Coordinator	Stanford University-UCSF- Stanford Evidence-based Practice Center (EPC)	Palo Alto, California
1994-2000	Project Director	Stanford University-Cardiac Arrhythmia and Risk of Death (CARD) Patient Outcomes Research Team (PORT)	Palo Alto, California
1992-1994 1991	Business Development and Technology Optimization Manager	Stanford University Hospital/ Stanford Health System	Palo Alto, California
1987-1990	Engineer	BIOTRACK, Inc.	Mountain View, California
	Program Manager, R&D	BIOTRACK, Inc.	Mountain View, California

	Senior Development Engineer, R&D	BIOTRACK, Inc.	Mountain View, California
1984-1987	Engineer	SIGNETICS CORPORATION	Sunnyvale, California
	Supervising Engineer & Process Engineer, Advanced Process Development Fabrication	SIGNETICS CORPORATION	Sunnyvale, California

## **HONORIFICS**

2024	Salzburg Global Fellow, Women as They Age: Addressing the Next Inequity Frontier
2021	Outstanding Professional Achievement Award, National Cathedral School
2019	Bloomberg Distinguished Professorship, Johns Hopkins University
2007	Saenger Distinguished Service Award, Society for Medical Decision Making
2006	Stanford Department of Medicine Teaching Award
2006	Most Outstanding Abstracts Award Academy Health Annual Research Meeting
1996	Co-author of Society for Medical Decision Making Lee Lusted Prize Abstract
1992	Outstanding Student in Health Services Management Award, Northwestern University
1991	United States Patent # 5,039,617: "Capillary flow device and method for measuring activated partial thromboplastin time" (Kathryn McDonald, Laura Winfrey, Michael Gorin, James Hill, Po Hsu. BIOTRACK, Inc, Aug 13, 1991)
1991	Arthur Anderson Award, Top First Year Student, Northwestern University
1990	Austin Scholar (merit scholarship awarded to 5% of entering class, Northwestern University)

## **RESEARCH**

### **Sponsored Projects**

2023-2027	<p><i>Patient-Reported Diagnostic Safety Events in Ambulatory Care Settings: A National Survey of Systemic Influences, Disparities and Persisting Consequences.</i></p> <p>Name of PD/PI: Mark Schlesinger (Yale), Kathryn McDonald (JHU). Agency for Healthcare Research and Quality (AHRQ).</p> <p>Project Period: 9/30/23 – 9/29/27; Direct Cost: \$1,993,580</p> <p>Major Goals: This project aims to provide the first nationally representative estimates of Americans' experiences with and concerns about diagnostic safety in outpatient settings using a set of innovative survey methods. Using this data, the project team will then assess the impact of health system fragmentation on the prevalence and consequences of diagnostic mishaps, leveraging these results to predict potential benefits from addressing three aspects of fragmentation to improve diagnostic safety and equity in the future.</p>
2023 - 2025	<p><i>Diagnostic Excellence Measurement Methods</i></p> <p>PD/PI: Kathryn McDonald (JHU). National Quality Forum.</p> <p>Project Period: 1/01/2023 - 11/30/2025; Direct Costs: \$300,000</p> <p>Major Goals: To support the development and use of measures of diagnostic excellence by identifying and specifying critical technical data standards; advancing consensus on measurement methods central to diagnostic measures, such as the use of natural language processing.</p>

- 2022-2026 *Armstrong Institute Center for Diagnostic Excellence-Pursuing Scalable System-Level Diagnostic Quality, Value and Equity by Applying Safety Science to Emergency Department Diagnosis.*  
 PD/PI: Kathryn McDonald and David Newman-Toker. Agency for Healthcare Research and Quality (AHRQ).  
 Project Period: 9/30/22-9/29/26; Direct cost: \$3,968,380 (JHU)  
 \*Major Goals: The goal of this project is development/ dissemination of approaches to achieve Diagnostic Excellence in the ED by leveraging safety science principles and strategies.
- 2023-2026 *Advancing Diagnostic Excellence with Patient Reported Measures: A Coordinating Center of Excellence*  
 PD/PI: Kathryn McDonald. Moore Foundation.  
 Project Period: 03/24/2023-03/26/2026; Direct Cost: \$499,710  
 Major Goals: The main goal of this project is to build on processes and findings from previous project to serve as the foundation for a coordinating center of excellence as a learning network aimed at the vision of assuring that PRMs fulfill their foundational rationale of advancing diagnostic excellence.
- 2023-2026 *Field-testing surveys for health systems' learning from patients diagnostic experiences.*  
 PD/PI: Mark Schlesinger (Yale), Kathryn McDonald (JHU). Yale Subcontract/Moore Foundation  
 Project Period: 08/01/2023 - 01/30/2026; Direct Cost: \$500,000 (Yale)  
 Major Goals: This project builds on the prior grant that we received from the Gordon and Betty Moore Foundation, which funded our three-university team to develop new methods for surveying households to learn about patient experiences with the diagnostic process and diagnostic mishaps. This follow-on 30-month grant supports the same team to work with a well-known nonprofit organization promoting patient safety in the U.S., the Leapfrog Group, to identify a half dozen of their affiliated health systems to field-test these surveys and explore how to use patient-reported feedback to improve their patients' diagnostic experiences over time.
- 2023-2025 *Knowledge to Action (K-to-A) Launchpad Series to Understand the Pressing Problems of K-to-A Gaps from Multiple Perspectives.*  
 PD/PI: Kathryn McDonald. JHU Nexus Award.  
 Project Period: 07/01/2023- 6/30/2025; Direct Cost: \$100,000  
 Major Goals: Through development of a strategic convening series to leverage "One Hopkins", this grant will launch the K-to-A vision and community of practice aimed at the pressing problem of huge investments in discovery that fail to reach people in need.
- 2021-2023 *Population-wide Surveys to Elicit Patient and Family Narratives on Diagnostic Errors and Their Implications.*  
 PD/PI: Mark Schlesinger (Yale), Kathryn McDonald (JHU). Yale sub-contract/ Moore Foundation.  
 Project Period: 11/1/2021-11/15/2023; Direct Cost: \$108,102 (JHU)  
 The major goals of this project include development of a survey instrument within which the narrative questions will be nested, development of criteria for identifying actionable feedback in narrative content and creating a taxonomy of concrete measures that can be derived from the narrative feedback.
- 2022-2023 *Johns Hopkins University Evidence-based Practice Center VI, Task Order #75Q80122F32010 on Measuring Healthcare Organization Characteristics in Cancer Care Delivery Research;*

Supported by the Agency for Healthcare Research and Quality under Contract # H75Q80120D00003

P.I.: Karen A. Robinson, PhD, and Eric B. Bass, MD, MPH); Lead Investigators of Task Order: Jill Marsteller, PhD, MPP, and Claire Snyder, PhD; Advisor.

Project period: 9/12/22-4/10/23; Direct Costs: \$166,023.

Major goals: The goal of this project is to prepare a technical brief on the key characteristics of organizations that deliver cancer care, the tools available to measure the organizational characteristics, and the research that has examined the relationship between organizational characteristics and cancer care delivery.

- 2021-2022 Project Firstline: foundational questions to inform infection control training and improvement. JHU PI: Gurses, Ayse. Investigator. CDC, DOD APL, JHU sub to APL.
- 2021-2023 Promoting Resilience in Persons with Multiple Chronic Conditions (the PROMOTE Center, P30 Center of Excellence, initiated in 2018). PI: Szanton, Sarah. Enrichment Core Leader (starting 2021). NINR.
- 2020-2022 Decision Modeling to Inform Timely Action During the COVID-19 Pandemic. PI: McDonald, Kathryn. Principal Investigator. Rockefeller Foundation.
- 2020-2022 Patient Reported Measures for Driving Diagnostic Excellence. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.
- 2020-2021 COVID19 Decision Modeling Initiative: Catalyzing Immediate Impact Where Needed. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.
- 2020-2021 Diagnostic Errors in the Emergency Department. Evidence-based Practice Center Project. PI: Robinson, Karen. Advisor/ Investigator. Agency for Healthcare Research and Quality (AHRQ).
- 2020-2021 Health Care Worker Protection. PI: Team (Rothman, Veenema, McDonald, Gurses, Kachalia). Investigator. Johns Hopkins University Covid-19 Funding.
- 2019-2021 Exploring and Addressing Diagnostic Error Disparities Related to Cognitive Reasoning Pitfalls. PI: McDonald, Kathryn. Principal Investigator. SPO 138247. Coverys Community Healthcare Foundation/Society to Improve Diagnosis in Medicine.
- 2015-2020 NIH Using Electronic Health Records to Measure and Improve Prostate Cancer. PI: Hernandez-Boussard, Tina. Co-Investigator. NIH.
- 2015-2020 AHRQ Improving Quality of Postoperative Pain Care Through Innovative Use of Electronic Health Records. PI: Hernandez-Boussard, Tina. Co-Investigator. AHRQ.
- 2007-2019 RAND Evidence-based Practice Center (EPC). PI: Shekelle, Paul. Subcontract Principal Investigator and Co-Investigator. AHRQ.
- 2018-2019 Veterans Affairs Portland Health Care System Care Coordination. PI: Hynes, Denise. IPA Principal Investigator. VA.
- 2016-2018 Development of Strategic Framework and Implementation Plan for Measuring Diagnostic Excellence. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.
- 2017-2018 Exploring Outpatient Medication Use in Community Settings. PI: Sarkar, Urmimala. Subcontract Principal Investigator. Moore Foundation.
- 2014-2017 AHRQ Analytic Enhancement of the AHRQ Quality Indicators (QI). PI: McDonald, Kathryn. AHRQ/Quality Measure Contract.
- 2014-2017 Using Public Deliberation to Define Patient Roles in Reducing Diagnostic Error. PI: Nabatchi, Tina. Investigator. AHRQ.

2012-2017 AHRQ Quality Measure Development Contract. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2012-2017 The Geography of Acute Care. PI: Delgado, Kit. Advisor. AHRQ/R01.

2014-2016 AHRQ Inventory and Prioritization of Measures to Support the Growing Effort in Transparency Using All-payer Claims Databases (APCDs). PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2013-2016 Network of Patient Safety Databases Analyses of Patient Safety Events. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2012-2014 AHRQ Emergency Department-Related Quality Measurement. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

1999-2014 Center on Demography and Economics of Health and Aging. PI: Garber, Alan. Associate Director and Investigator. NIH/NIA.

2004-2014 Center on Advancing Decision Making in Aging. PI: Garber, Alan. Associate Director and Investigator. NIH/NIA.

2012-2013 AHRQ Integrating NHQR/NHDR Quality Measurement Resources. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2008-2012 Characterization of Readmission in California and an Estimation of the Impact of Post-Discharge Complications on the Sensitivity of the AHRQ QIs. PI: McDonald, Kathryn. Principal Investigator. The Gordon and Moore Foundation.

2004-2011 Support for Quality Indicators- II. PI: McDonald, Kathryn. Principal Investigator. AHRQ/Battelle subcontract.

2005-2009 Comparative Effectiveness Reviews for MMA Section 1013. PI: Owens, Douglas. Co-Investigator. AHRQ/EPIC.

2002-2009 Stanford-UCSF Evidence-based Practice Center (EPC). PI: Hlatky, Mark. Investigator and Center Coordinator. AHRQ.

2002-2008 Broad-based Support for the EPC Program. PI: Hlatky, Mark. Investigator. AHRQ.

2003-2007 Best Practices for Quality Health Care. PI: McDonald, Kathryn. Co-Investigator. AHRQ.

2001-2006 China- US Health and Aging Research Program. PI: Garber, Alan. Key Personnel. NIH/AHRQ.

2005-2006 Diagnosis and Management of Pediatric Anthrax. PI: McDonald, Kathryn. Co-Investigator. AHRQ.

1999-2004 A Global Analysis of Technological Change in Health Care. PI: McClellan, Mark. Co-Investigator. NIH/NIA.

2002-2004 Support for Quality Indicators. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2002-2004 Regional Models for Bioterrorism Preparedness. PI: McDonald, Kathryn. Co-Investigator. AHRQ.

## SCHOLARSHIP

### Publications

#### Peer reviewed Journal Articles

1. Gleason KT, Dukhanin V, Peterson SK, Gonzalez N, Austin JM, **McDonald KM**. Development and Psychometric Analysis of a Patient-Reported Measure of Diagnostic Excellence for Emergency and

- Urgent Care Settings. *J Patient Saf.* 2024 Oct 1;20(7):498-504. doi:10.1097/PTS.0000000000001271. Epub 2024 Aug 28. PMID: 39194332
2. Dukhanin V, Wiegand AA, Sheikh T, Jajodia A, **McDonald KM**. Typology of Solutions Addressing Diagnostic Disparities: Gaps and Opportunities. *Diagnosis.* 2024 Jul 3. DOI: 10.1515/dx-2024-0026. PMID: 38954499
  3. Hassoon A, Ng C, Lehmann H, Rupani H, Peterson S, Horberg MA, Liberman AL, Sharp AL, Johansen MC, **McDonald K**, Austin JM, Newman-Toker DE. Computable Phenotype for Diagnostic Error: Developing the Data Schema for Application of Symptom-Disease Pair Analysis of Diagnostic Error (SPADE). *Diagnosis.* 2024 May 3;11(3):295-302. doi: 10.1515/dx-2023-0138. eCollection 2024 Aug 1. PMID: 38696319
  4. **McDonald KM**, Gleason KT, Jajodia A, Haskell H, Dukhanin V. Achieving Diagnostic Excellence: Roadmaps to Develop and Use Patient-Reported Measures with an Equity Lens. *Int J Health Policy Manag* 2024; 13:8048. DOI: 10.34172/IJHPM.8048
  5. Dukhanin, V, Gamper, MJ, Gleason, KT, **McDonald KM**. Patient-reported outcome and experience domains for diagnostic excellence: a scoping review to inform future measure development. *Qual Life Res* (2024). <https://doi.org/10.1007/s11136-024-03709-w>
  6. Xie A; Barany A; Tanner EK; Blakeney E; Bahouth MN; Hanson GC; Hansen BR; **McDonald KM**; Salas RE; Shakes T; Watson H; Zink EK, CNRN; Hairston DP. Interprofessional Collaboration and Patient/Family Engagement on Rounds in a Comprehensive Stroke Center: A Mixed-Methods Study. *Quality Management in Health Care:10.1097/QMH.000000000000437*, March 25, 2024. | doi: 10.1097/QMH.000000000000437
  7. Dukhanin V, **McDonald KM**, Gonzalez N, Gleason KT. Patient Reasoning: Patients' and Care Partners' Perceptions of Diagnostic Accuracy in Emergency Care. *Med Decis Making.* 2024 Jan;44(1):102-111. doi: 10.1177/0272989X231207829. Epub 2023 Nov 15. PMID: 37965762; PMCID: PMC10712203.
  8. Park S, Thrul J, Cooney EE, Atkins K, Kalb LG, Closser S, **McDonald KM**, Schneider-Firestone S, Surkan PJ, Rushton CH, Langhinrichsen-Rohling J, Veenema TG. Betrayal-Based Moral Injury and Mental Health Problems Among Healthcare and Hospital Workers Serving COVID-19 Patients. *J Trauma Dissociation.* 2023 Dec 4:1-16. doi: 10.1080/15299732.2023.2289195. Epub ahead of print. PMID: 38047579.
  9. Wiegand AA, Dukhanin V, Gonzalez N, **McDonald KM**, Peterson S, Gleason KT. Patient and care partner assessments of diagnostic excellence in the emergency department: A cognitive interview study. *International Journal of Nursing Studies Advances*, Volume 5, 2023, 100129, ISSN 2666-142X, <https://doi.org/10.1016/j.ijnsa.2023.100129>.
  10. Solberg LI, Bergdall A, Ziegenfuss JY, JaKa MM, Whitebird RR, Chrenka EA, Beran MS, **McDonald K**, LaPlante B, Dehmer SP. Care coordination in primary care: mapping the territory. *Am J Manag Care.* 2023 Oct 1;29(10):e284-e291. doi: 10.37765/ajmc.2023.89403. PMID: 37870549.
  11. Park S, Closser S, Cooney EE, Atkins K, Thrul J, **McDonald KM**, Langhinrichsen-Rohling J, Veenema TG. "A slap in the face": Institutional betrayal, burnout, and career choice regret among frontline health care workers serving COVID-19 patients. *J Trauma Stress.* 2023 Oct;36(5):980-992. doi: 10.1002/jts.22967. Epub 2023 Sep 6. PMID: 37671574
  12. Hynes DM, Govier DJ, Niederhausen M, Tuetpker A, Laliberte AZ, McCready H, Hickok A, Rowneki M, Waller D, Cordasco KM, Singer SJ, **McDonald KM**, Slatore CG, Thomas KC, Maciejewski M, Battaglia C, Perla L. Understanding care coordination for Veterans with complex care needs: protocol of a multiple-methods study to build evidence for an effectiveness and implementation study. *Front Health Serv.* 2023 Aug 15;3:1211577. doi: 10.3389/frhs.2023.1211577. PMID: 37654810; PMCID: PMC10465329.
  13. Wiegand AA, Sheikh T, Zannath F, Trudeau, NM, Dukhanin V, **McDonald KM**. "It's probably an STI because you're gay": a qualitative study of diagnostic error experiences in sexual and gender minority individuals. *BMJ Quality & Safety Published Online First: 10 May 2023.* doi: 10.1136/bmjqs-

2022-015629

14. Kim JG, Mazotti L, **McDonald KM**, Holmboe E, Kanter MH. Rowing Together: Publicly Reported Quality of Care Measures, US Graduate Medical Education Accountability, and Patient Outcomes. *Jt Comm J Qual Patient Saf.* 2023 Mar;49(3):174-178. doi: 10.1016/j.jcjq.2022.12.005. Epub 2022 Dec 21. PMID: 36653211.
15. Kim JG, Rodriguez HP, Holmboe ES, **McDonald KM**, Mazotti L, Rittenhouse DR, Shortell SM, Kanter MH. The Reliability of Graduate Medical Education Quality of Care Clinical Performance Measures. *J Grad Med Educ.* 2022 Jun;14(3):281-288. doi: 10.4300/JGME-D-21-00706.1. Epub 2022 Jun 13. PMID: 35754636; PMCID: PMC9200256.
16. **McDonald KM**. Achieving Equity in Diagnostic Excellence. *JAMA.* 2022 May 24;327(20):1955-1956. doi: 10.1001/jama.2022.7252. PMID: 35522307.
17. Wiegand A, Dukhanin V, Sheikh T, Zannath F, Jajodia A, Schrandt S, Haskell H, **McDonald K**. Human centered design workshops as a meta-solution to diagnostic disparities. *Diagnosis.* 2022;9(4): 458-467. <https://doi.org/10.1515/dx-2022-0025>
18. Zrelak PA, Utter GH, **McDonald KM**, Houchens RL, Davies SM, Skinner HG, Owens PL. (2022) Incorporating Harms into the Weighting of the Revised AHRQ Patient Safety for Selected Indicators Composite (PSI 90). *Health Services Research.* DOI: 10.1111/1475-6773.13918.
19. Zink E, Barany EA, Bahouth M, Salas RM, Watson H, Shakes T, **McDonald K**, Xie A, Hanson GC, Hansen B, Hairston D. Evaluating the Impact of a New Model of Structured Interprofessional Bedside Rounding (TeamingUP) on Climate Safety in an Inpatient Stroke Unit. *Annals of Neurology.* 2021 Oct 1 (Vol. 90, pp. S140-S141).
20. Lundberg B, **McDonald K**. (2021) Mandatory Public Health Measures for Coronavirus-19 Are Associated With Improved Mortality, Equity and Economic Outcomes. *International Journal of Health Services Research.* DOI: 10.1177/00207314211049306
21. Lyson HC, Sharma AE, Cherian R, Patterson ES, **McDonald KM**, Lee SY, Sarkar U. (2021). A qualitative analysis of outpatient medication use in community settings: Observed safety vulnerabilities and recommendations for improved patient safety. *Journal of Patient Safety.* 17, 4, p. E335-E342A. doi: 10.1097/PTS.0000000000000590
22. Yousef EA, Sutcliffe KM, **McDonald KM**, Newman-Toker. Crossing Academic Boundaries for Diagnostic Safety: 10 Complex Challenges and Potential Solutions from Clinical Perspectives and High-Reliability Organizing Principles. (2021) *Human Factors.* March 2021. doi:10.1177/0018720821996187
23. Gleason, K. & **McDonald, KM**, (2020). In response to Ledford and colleagues Toward a Model of Shared Meaningful Diagnosis: How to capture a shared, meaningful diagnosis? In: *Patient Education and Counseling.* 103, 12, pp. 2616-2617
24. Chin KK, Carroll I, Desai K, Asch S, Seto T, **McDonald KM**, Curtin C, Hernandez-Boussard T. (2020). Integrating adjuvant analgesics into perioperative pain practice: Results from an academic medical center. (1, vol. 21, pp. 161-170). *Pain Medicine (United States).* doi: 10.1093/pm/pnz053.
25. Weng Y, Tian L, Tedesco D, Desai K, Asch SM, Carroll I, Curtin C, **McDonald KM**, Hernandez-Boussard T. (2020). Trajectory analysis for postoperative pain using electronic health records: A nonparametric method with robust linear regression and K-medians cluster analysis. In: *Health Informatics Journal.* 26, 2, p. 1404-1418 15 p. doi: 10.1177/1460458219881339.
26. Campione JR, Mardon RE, **McDonald KM**. (2019). Patient Safety Culture, Health Information Technology Implementation, and Medical Office Problems That Could Lead to Diagnostic Error. (4, vol. 15, pp. 267-273). *Journal of Patient Safety.* doi: 10.1097/PTS.0000000000000531.
27. **McDonald KM**, Singer SJ, Gorin SS, Haggstrom DA, Hynes DM, Charns MP, Yano EM, Lucatorto MA, Zulman DM, Ong MK, Axon RN, Vogel D, Upton M. (2019). Incorporating Theory into Practice: Reconceptualizing Exemplary Care Coordination Initiatives from the US Veterans Health Delivery System. (vol. 34, pp. 24-29). *Journal of General Internal Medicine.* doi: 10.1007/s1160601904969w.
28. Peterson K, Anderson J, Bourne D, Charns MP, Gorin SS, Hynes DM, **McDonald KM**, Singer SJ,



- Yano EM. (2019). Health Care Coordination Theoretical Frameworks: a Systematic Scoping Review to Increase Their Understanding and Use in Practice. (vol. 34, pp. 90-98). *Journal of General Internal Medicine*. doi: 10.1007/s1160601904966z.
29. Gori D, Dulal R, Blayney DW, Brooks JD, Fantini MP, **McDonald KM**, Hernandez-Boussard T. (2019). Utilization of Prostate Cancer Quality Metrics for Research and Quality Improvement: A Structured Review. (3, vol. 45, pp. 217-226). *Joint Commission Journal on Quality and Patient Safety*. doi: 10.1016/j.jcjq.201806004.
  30. Magnani CJ, Li K, Seto T, **McDonald KM**, Blayney DW, Brooks JD, Hernandez-Boussard T. (2019). PSA testing use and prostate cancer diagnostic stage after the 2012 U.S. preventive services task force guideline changes. (7, vol. 17, pp. 795-803). *JNCCN Journal of the National Comprehensive Cancer Network*. doi: 10.6004/jnccn20187274.
  31. **McDonald KM**, Rodriguez HP, Shortell SM. (2018). Organizational influences on time pressure stressors and potential patient consequences in primary care. (10, vol. 56, pp. 822-830). *Medical Care*. doi: 10.1097/MLR.0000000000000974.
  32. Desai K, Carroll I, Asch SM, Seto T, **McDonald KM**, Curtin C, Hernandez-Boussard T. (2018). Utilization and effectiveness of multimodal discharge analgesia for postoperative pain management. (vol. 228, pp. 160-169). *Journal of Surgical Research*. doi: 10.1016/j.jss.201803029.
  33. Sarkar U, **McDonald K**, Motala A, Smith P, Zipperer L, Wachter RM, Shanman R, Shekelle PG. Pragmatic Insights on Patient Safety Priorities and Intervention Strategies in Ambulatory Settings. *Jt Comm J Qual Patient Saf*. 2017 Dec;43(12):661-670. doi: 10.1016/j.jcjq.2017.06.009.
  34. Hernandez-Boussard T, Davies S, **McDonald K**, Wang NE. (2017). Interhospital facility transfers in the United States: A nationwide outcomes study. (4, vol. 13, pp. 187-191). *Journal of Patient Safety*. doi: 10.1097/PTS.000000000000148.
  35. Tedesco D, Asch SM, Curtin C, Hah J, **McDonald KM**, Fantini MP, Hernandez-Boussard T. (2017). Opioid abuse and poisoning: Trends in inpatient and emergency department discharges. (10, vol. 36, pp. 1748-1753). *Health Affairs*. doi: 10.1377/hlthaff.20170260.
  36. Tedesco D, Gori D, Desai KR, Asch S, Carroll IR, Curtin C, **McDonald KM**, Fantini MP, Hernandez-Boussard T. (2017). Drug-free interventions to reduce pain OR opioid consumption after total knee arthroplasty a systematic review and meta-analysis. (10, vol. 152). *JAMA Surgery*. doi: 10.1001/jamasurg.20172872.
  37. Davies S, Schultz E, Raven M, Wang NE, Stocks CL, Delgado MK, **McDonald KM**. (2017). Development and Validation of the Agency for Healthcare Research and Quality Measures of Potentially Preventable Emergency Department (ED) Visits: The ED Prevention Quality Indicators for General Health Conditions. (5, vol. 52, pp. 1667-1684). *Health Services Research*. doi: 10.1111/1475677312687.
  38. Di Capua P, Clarke R, Tseng CH, Wilhalme H, Sednew R, **McDonald KM**, Skootsky SA, Wenger N. (2017). The effect of implementing a care coordination program on team dynamics and the patient experience. (8, vol. 23, pp. 494-500). *American Journal of Managed Care*.
  39. Kwong JZ, Weng Y, Finnegan M, Schaffer R, Remington A, Curtin C, McDonald KM, Bhattacharya J, Hernandez-Boussard T. (2017). Effect of medicare's nonpayment policy on surgical site infections following orthopedic procedures. (7, vol. 38, pp. 817-822). *Infection Control and Hospital Epidemiology*. doi: 10.1017/ice.201786.
  40. **McDonald KM**, Su G, Lisker S, Patterson ES, Sarkar U. (2017). Implementation science for ambulatory care safety: A novel method to develop context-sensitive interventions to reduce quality gaps in monitoring high-risk patients. (1, vol. 12). *Implementation Science*. doi: 10.1186/s1301201706095.
  41. Tedesco D, Hernandez-Boussard T, Carretta E, Rucci P, Rolli M, Di Denia P, **McDonald K**, Fantini MP. (2016). Evaluating patient safety indicators in orthopedic surgery between Italy and the USA. (4, vol. 28, pp. 486-491). *International Journal for Quality in Health Care*. doi: 10.1093/intqhc/mzw053.

42. Hernandez-Boussard TM, **McDonald KM**, Morrison DE, Rhoads KF. (2016). Risks of adverse events in colorectal patients: Population-based study. (2, vol. 202, pp. 328-334). *Journal of Surgical Research*. doi: 10.1016/j.jss.201601013.
43. Moghavem N, **McDonald K**, Ratliff JK, Hernandez-Boussard T. (2016). Performance measures in neurosurgical patient care. (4, vol. 54, pp. 359-364). *Medical Care*. doi: 10.1097/MLR.000000000000490.
44. Yanamadala S, Morrison D, Curtin C, **McDonald K**, Hernandez-Boussard T. (2016). Electronic health records and quality of care an observational study modeling impact on mortality, readmissions, and complications. (19, vol. 95). *Medicine (United States)*. doi: 10.1097/MD.0000000000003332.
45. Hernandez-Boussard T, **McDonald KM**, Rhoads KF, Curtin CM. (2015). Patient Safety in Plastic Surgery: Identifying Areas for Quality Improvement Efforts. (5, vol. 74, pp. 597-602). *Annals of Plastic Surgery*. doi: 10.1097/SAP.0b013e318297791e.
46. Fingar KR, Smith MW, Davies S, **McDonald KM**, Stocks C, Raven MC. (2015). Medicaid dental coverage alone may not lower rates of dental emergency department visits. (8, vol. 34, pp. 1349-1357). *Health Affairs*. doi: 10.1377/hlthaff.2015.0223.
47. Davies SM, Saynina O, Baker LC, **McDonald KM**. (2015). Impact of Including Readmissions for Qualifying Events in the Patient Safety Indicators. (2, vol. 30, pp. 114-118). *American Journal of Medical Quality*. doi: 10.1177/1062860613518341.
48. Lenzi J, Luciano L, **McDonald KM**, Rosa S, Damiani G, Corsello G, Fantini MP. (2014). Empirical examination of the indicator 'pediatric gastroenteritis hospitalization rate' based on administrative hospital data in Italy. (1, vol. 40). *Italian Journal of Pediatrics*. doi: 10.1186/182472884014.
49. Luciano L, Lenzi J, **McDonald KM**, Rosa S, Damiani G, Corsello G, Fantini MP. (2014). Empirical validation of the "pediatric Asthma Hospitalization Rate" indicator. (1, vol. 40). *Italian Journal of Pediatrics*. doi: 10.1186/18247288407.
50. Schultz EM, **McDonald KM**. (2014). What is care coordination?. (1-2, vol. 17, pp. 5-24). *International Journal of Care Coordination*. doi: 10.1177/2053435414540615.
51. Arkin N, Lee PHU, **McDonald K**, Hernandez-Boussard T. (2014). The association of nurse-to-patient ratio with mortality and preventable complications following aortic valve replacement. (2, vol. 29, pp. 141-148). *Journal of Cardiac Surgery*. doi: 10.1111/jocs.12284.
52. Sensi L, Tedesco D, Mimmi S, Rucci P, Pisano E, Pedrini L, **McDonald KM**, Fantini MP. (2013). Hospitalization rates and post-operative mortality for abdominal aortic aneurysm in Italy over the period 2000-2011. (12, vol. 8). *PLoS ONE*. doi: 10.1371/journal.pone.0083855.
53. **McDonald KM**. (2013). Considering context in quality improvement interventions and implementation: Concepts, frameworks, and application. (6 SUPPL., vol. 13). *Academic Pediatrics*. doi: 10.1016/j.acap.201304013.
54. **McDonald KM**, Bryce CL, Graber ML. (2013). The patient is in: Patient involvement strategies for diagnostic error mitigation. (SUPPL.2, vol. 22). *BMJ Quality and Safety*. doi: 10.1136/bmjqs-2012001623.
55. Newman-Toker DE, **McDonald KM**, Meltzer DO. (2013). How much diagnostic safety can we afford, and how should we decide? A health economics perspective. (SUPPL.2, vol. 22). *BMJ Quality and Safety*. doi: 10.1136/bmjqs-2012001616.
56. Schultz EM, Pineda N, Lonhart J, Davies SM, **McDonald KM**. (2013). A systematic review of the care coordination measurement landscape. (1, vol. 13). *BMC Health Services Research*. doi: 10.1186/1472696313119.
57. Shekelle PG, Pronovost PJ, Wachter RM, **McDonald KM**, Schoelles K, Dy SM, Shojania K, Reston JT, Adams AS, Angood PB, Bates DW, Bickman L, Carayon P, Donaldson L, Duan N, Farley DO, Greenhalgh T, Haughom JL, Lake E, Lilford R, Lohr KN, Meyer GS, Miller MR, Neuhauser DV, Ryan G, Saint S, Shortell SM, Stevens DP, Walshe K. (2013). The top patient safety strategies that can be encouraged for adoption now. (5 PART 2, vol. 158, pp. 365-368). *Annals of Internal Medicine*.

58. Schmidt E, Goldhaber-Fiebert SN, Ho LA, **McDonald KM**. (2013). Simulation exercises as a patient safety strategy: A systematic review. (5 PART 2, vol. 158, pp. 426-432). *Annals of Internal Medicine*.
59. **McDonald KM**, Matesic B, Contopoulos-Ioannidis DG, Lonhart J, Schmidt E, Pineda N, Ioannidis JPA. (2013). Patient safety strategies targeted at diagnostic errors: A systematic review. (5 PART 2, vol. 158, pp. 381-389). *Annals of Internal Medicine*.
60. Shekelle PG, Wachter RM, Pronovost PJ, Schoelles K, **McDonald KM**, Dy SM, Shojania K, Reston J, Berger Z, Johnsen B, Larkin JW, Lucas S, Martinez K, Motala A, Newberry SJ, Noble M, Pfoh E, Ranji SR, Rennke S, Schmidt E, Shanman R, Sullivan N, Sun F, Tipton K, Treadwell JR, Tsou A, Vaiana ME, Weaver SJ, Wilson R, Winters BD. (2013). Making health care safer II: an updated critical analysis of the evidence for patient safety practices.. (211, pp. 1-945). *Evidence report/technology assessment*.
61. Davies SM, Saynina O, **McDonald KM**, Baker LC. (2013). Limitations of using same-hospital readmission metrics. (6, vol. 25, pp. 633-639). *International Journal for Quality in Health Care*. doi: 10.1093/intqhc/mzt068.
62. Davies S, Saynina O, Schultz E, **McDonald KM**, Baker LC. (2013). Implications of metric choice for common applications of readmission metrics. (6 PART1, vol. 48, pp. 1978-1995). *Health Services Research*. doi: 10.1111/1475677312075.
63. **McDonald KM**, Schultz EM, Chang C. (2013). Evaluating the state of quality-improvement science through evidence synthesis: insights from the closing the quality gap series.. (4, vol. 17, pp. 52-61). *The Permanente journal*. doi: 10.7812/TPP/13-010.
64. Eddy DM, Hollingworth W, Caro JJ, Tsevat J, **McDonald KM**, Wong JB. (2012). Model transparency and validation: A report of the ISPOR-SMDM modeling good research practices task force-7. (6, vol. 15, pp. 843-850). *Value in Health*. doi: 10.1016/j.jval.2012.04.012.
65. Eddy DM, Hollingworth W, Caro JJ, Tsevat J, **McDonald KM**, Wong JB. (2012). Model transparency and validation: A report of the ISPOR-SMDM modeling good research practices task force-7. (5, vol. 32, pp. 733-743). *Medical Decision Making*. doi: 10.1177/0272989X12454579.
66. Hernandez-Boussard T, **McDonald KM**, Morton JM, Dalman RL, Bech FR. (2012). Determinants of adverse events in vascular surgery. (5, vol. 214, pp. 788-797). *Journal of the American College of Surgeons*. doi: 10.1016/j.jamcollsurg.2012.01.045.
67. Hernandez-Boussard T, Downey JR, **McDonald K**, Morton JM. (2012). Relationship between patient safety and hospital surgical volume. (2, vol. 47, pp. 756-769). *Health Services Research*. doi: 10.1111/j.14756773.2011.01310x.
68. Davies S, Romano PS, Schmidt EM, Schultz E, Geppert JJ, **McDonald KM**. (2011). Assessment of a novel hybrid Delphi and nominal groups technique to evaluate quality indicators. (6 PART 1, vol. 46, pp. 2005-2018). *Health Services Research*. doi: 10.1111/j.14756773.2011.01297x.
69. Davies S, **McDonald KM**, Schmidt E, Schultz E, Geppert J, Romano PS. (2011). Expanding the uses of AHRQ's prevention quality indicators: Validity from the clinician perspective. (8, vol. 49, pp. 679-685). *Medical Care*. doi: 10.1097/MLR.0b013e3182159e65.
70. Taylor SL, Dy S, Foy R, Hempel S, **McDonald KM**, Øvretveit J, Pronovost PJ, Rubenstein LV, Wachter RM, Shekelle PG. (2011). What context features might be important determinants of the effectiveness of patient safety practice interventions? (7, vol. 20, pp. 611-617). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010.049379.
71. Øvretveit JC, Shekelle PG, Dy SM, **McDonald KM**, Hempel S, Pronovost P, Rubenstein L, Taylor SL, Foy R, Wachter RM. (2011). How does context affect interventions to improve patient safety? An assessment of evidence from studies of five patient safety practices and proposals for research. (7, vol. 20, pp. 604-610). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010.047035.
72. Dy SM, Taylor SL, Carr LH, Foy R, Pronovost PJ, Øvretveit J, Wachter RM, Rubenstein LV, Hempel S, **McDonald KM**, Shekelle PG. (2011). A framework for classifying patient safety practices: Results from an expert consensus process. (7, vol. 20, pp. 618-624). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010.049296.

73. Foy R, Ovretveit J, Shekelle PG, Pronovost PJ, Taylor SL, Dy S, Hempel S, **McDonald KM**, Rubenstein LV, Wachter RM. (2011). The role of theory in research to develop and evaluate the implementation of patient safety practices. (5, vol. 20, pp. 453-459). *BMJ Quality and Safety*. doi: 10.1136/bmjqs2010047993.
74. Yank V, Tuohy V, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMohan D, Olkin I, **McDonald KM**, Owens DK, Stafford RS. (2011). Systematic review: Benefits and harms of in-hospital use of recombinant factor viia for off-label indications. (8, vol. 154, pp. 529-540). *Annals of Internal Medicine*. doi: 10.7326/00034819154820110419000004.
75. Shekelle PG, Pronovost PJ, Wachter RM, Taylor SL, Dy SM, Foy R, Hempel S, **McDonald KM**, Ovretveit J, Rubenstein LV, Adams AS, Angood PB, Bates DW, Bickman L, Carayon P, Donaldson L, Duan N, Farley DO, Greenhalgh T, Haughom J, Lake ET, Lilford R, Lohr KN, Meyer GS, Miller MR, Neuhauser DV, Ryan G, Saint S, Shojania KG, Shortell SM, Stevens DP, Walshe K. (2011). Advancing the science of patient safety. (10, vol. 154, pp. 693-696). *Annals of Internal Medicine*. doi: 10.7326/000348191541020110517000011.
76. Bech M, Christiansen T, Dunham K, Lauridsen J, Lyttkens CH, **McDonald K**, Mcguire A, Hobbs M, Ridout S, Richardson J, Robertson I, Closon MC, Perelman J, Fassbender K, Tu J, Grant C, Austin PC, Pilote L, Eisenberg MJ, Richard H, Madsen M, Rasmussen S, Abildstrom SZ, Goldacre M, Yeates D, Robinson M, Keskimäki I, Häkkinen U, Salomaa V, Mähönen M, Dormont B, Milcent C, Durand-Zaleski I, Gerhardus A, Walelu OA, Grobe T, Krauth C, Schwartz FW, Loewel H, Hoermann A, Meisinger C, Heier M, Gordon ES, Haklai Z, Kark JD, Shmueli A, Atella V, Fabbri D, Vanuzzo D, Pilotto L, Pilotto L, Imanaka Y, Ishizaki T, Kaneko Y, Noguchi H, Kim YH, Yang BM, Roh YK, Cho KH, Lee HS, Haug C, Raikou M, Windmeijer F, Boyd J, Mak KH, Kai HP, Ng TP, Ling LS, Chew SK, Tan C, Dozet A, Höjgård S, Lindgren A, Öhlin H, Paccaud F, Burnand B, Wietlisbach V, Holly A, Gardiol L, Eggli Y, Lai MS, Lo JC, Heidenreich P, Kessler D, McClellan M, Moreland A, Saynina O, Newhouse J. (2009). The influence of economic incentives and regulatory factors on the adoption of treatment technologies: A case study of technologies used to treat heart attacks. (10, vol. 18, pp. 1114-1132). *Health Economics*. doi: 10.1002/hec.1417.
77. Perelman J, Shmueli A, **McDonald KM**, Pilote L, Saynina O, Closon MC. (2009). Inequality in treatment use among elderly patients with acute myocardial infarction: USA, Belgium and Quebec. (vol. 9). *BMC Health Services Research*. doi: 10.1186/147269639130.
78. **McDonald KM**. (2009). Approach to Improving Quality: the Role of Quality Measurement and a Case Study of the Agency for Healthcare Research and Quality Pediatric Quality Indicators. (4, vol. 56, pp. 815-829). *Pediatric Clinics of North America*. doi: 10.1016/j.pcl.200905009.
79. Bravata DM, Gienger AL, Holty JEC, Sundaram V, Khazeni N, Wise PH, **McDonald KM**, Owens DK. (2009). Quality improvement strategies for children with asthma: A systematic review. (6, vol. 163, pp. 572-581). *Archives of Pediatrics and Adolescent Medicine*. doi: 10.1001/archpediatrics.200963.
80. Caughey AB, Sundaram V, Kaimal AJ, Cheng YW, Gienger A, Little SE, Lee JF, Wong L, Shaffer BL, Tran SH, Padula A, **McDonald KM**, Long EF, Owens DK, Bravata DM. (2009). Maternal and neonatal outcomes of elective induction of labor. (176, pp. 1-257). *Evidence report/technology assessment*.
81. Caughey AB, Sundaram V, Kaimal AJ, Gienger A, Cheng YW, **McDonald KM**, Shaffer BL, Owens DK, Bravata DM. (2009). Systematic review: Elective induction of labor versus expectant management of pregnancy. (4, vol. 151, pp. 252-263). *Annals of Internal Medicine*. doi: 10.7326/00034819151420090818000007.
82. Hlatky MA, Boothroyd DB, Bravata DM, Boersma E, Booth J, Brooks MM, Carrié D, Clayton TC, Danchin N, Flather M, Hamm CW, Hueb WA, Kähler J, Kelsey SF, King SB, Kosinski AS, Lopes N, **McDonald KM**, Rodriguez A, Serruys P, Sigwart U, Stables RH, Owens DK, Pocock SJ. (2009). Coronary artery bypass surgery compared with percutaneous coronary interventions for multivessel disease: a collaborative analysis of individual patient data from ten randomised trials. (9670, vol. 373, pp. 1190-1197). *The Lancet*. doi: 10.1016/S0140-6736(09)60552-3.

83. Kapoor JR, Gienger AL, Ardehali R, Varghese R, Perez MV, Sundaram V, **McDonald KM**, Owens DK, Hlatky MA, Bravata DM. (2008). Isolated Disease of the Proximal Left Anterior Descending Artery. Comparing the Effectiveness of Percutaneous Coronary Interventions and Coronary Artery Bypass Surgery. (5, vol. 1, pp. 483-491). *JACC: Cardiovascular Interventions*. doi: 10.1016/j.jcin.200807001.
84. **McDonald KM**, Davies SM, Haberland CA, Geppert JJ, Ku A, Romano PS. (2008). Preliminary assessment of pediatric health care quality and patient safety in the United States Using readily available administrative data. (2, vol. 122). *Pediatrics*. doi: 10.1542/peds.2007-2477.
85. Zaric GS, Bravata DM, Cleophas Holty JE, **McDonald KM**, Owens DK, Brandeau ML. (2008). Modeling the logistics of response to anthrax bioterrorism. (3, vol. 28, pp. 332-350). *Medical Decision Making*. doi: 10.1177/0272989X07312721.
86. Walsh JME, Sundaram V, **McDonald K**, Owens DK, Goldstein MK. (2008). Implementation strategies: Barriers and potential solutions. (4, vol. 10, pp. 311-316). *Journal of Clinical Hypertension*. doi: 10.1111/j.1751-7176.200807425x.
87. Bravata DM, Gienger AL, **McDonald KM**, Sundaram V, Perez MV, Varghese R, Kapoor JR, Ardehali R, Owens DK, Hlatky MA. (2007). Systematic review: The comparative effectiveness of percutaneous coronary interventions and coronary artery bypass graft surgery. (10, vol. 147, pp. 703-716). *Annals of Internal Medicine*. doi: 10.7326/000348191471020071120000185.
88. Bravata DM, Holty JEC, Wang E, Lewis R, Wise PH, **McDonald KM**, Owens DK. (2007). Inhalational, gastrointestinal, and cutaneous anthrax in children: A systematic review of cases: 1900 to 2005. (9, vol. 161, pp. 896-905). *Archives of Pediatrics and Adolescent Medicine*. doi: 10.1001/archpedi.1619896.
89. Bravata DM, Zaric GS, Holty JEC, Brandeau ML, Wilhelm ER, **McDonald KM**, Owens DK. (2006). Reducing mortality from anthrax bioterrorism: Strategies for stockpiling and dispensing medical and pharmaceutical supplies. (3, vol. 4, pp. 244-262). *Biosecurity and Bioterrorism*. doi: 10.1089/bsp.20064244.
90. Bravata DM, Wang E, Holty JE, Lewis R, Wise PH, Nayak S, Liu H, **McDonald KM**, Owens DK. (2006). Pediatric anthrax: implications for bioterrorism preparedness. (141, pp. 1-48). *Evidence report/technology assessment*.
91. Shojania KG, Ranji SR, **McDonald KM**, Grimshaw JM, Sundaram V, Rushakoff RJ, Owens DK. (2006). Effects of quality improvement strategies for type 2 diabetes on glycemic control: A meta-regression analysis. (4, vol. 296, pp. 427-440). *Journal of the American Medical Association*. doi: 10.1001/jama.2964427.
92. Walsh JME, **McDonald KM**, Shojania KG, Sundaram V, Nayak S, Lewis R, Owens DK, Goldstein MK. (2006). Quality improvement strategies for hypertension management: A systematic review. (7, vol. 44, pp. 646-657). *Medical Care*. doi: 10.1097/01.mlr.00002202603076832.
93. Holty JEC, Bravata DM, Liu H, Olshen RA, **McDonald KM**, Owens DK. (2006). Systematic review: A century of inhalational anthrax cases from 1900 to 2005. (4, vol. 144, pp. 270-280). *Annals of Internal Medicine*. doi: 10.7326/0003-4819144420060221000009.
94. Shojania KG, Burton EC, **McDonald KM**, Goldman L. (2005). Overestimation of clinical diagnostic performance caused by low necropsy rates. (6, vol. 14, pp. 408-413). *Quality and Safety in Health Care*. doi: 10.1136/qshc.2004.011973.
95. Bravata DM, **McDonald KM**, Shojania KG, Sundaram V, Owens DK. (2005). Challenges in systematic reviews: Synthesis of topics related to the delivery, organization, and financing of health care. (12 II, vol. 142, pp. 1056-1065). *Annals of Internal Medicine*.
96. Yoo BK, Bhattacharya J, **McDonald KM**, Garber AM. (2004). Impacts of informal caregiver availability on long-term care expenditures in OECD countries. (6 II, vol. 39, pp. 1971-1992). *Health Services Research*.
97. Bravata DM, **McDonald KM**, Smith WM, Rydzak C, Szeto H, Buckerdge DL, Haberland C, Owens DK. (2004). Systematic review: Surveillance systems for early detection of bioterrorism-related

- diseases. (11, vol. 140, pp. 910-922). *Annals of Internal Medicine*. doi: 10.7326/000348191401120040601000013.
98. Bravata DM, **McDonald KM**, Szeto H, Smith WM, Rydzak C, Owens DK. (2004). A Conceptual Framework for Evaluating Information Technologies and Decision Support Systems for Bioterrorism Preparedness and Response. (2, vol. 24, pp. 192-206). *Medical Decision Making*. doi: 10.1177/0272989X04263254.
  99. Bravata DM, **McDonald KM**, Owens DK, Wilhelm ER, Brandeau ML, Zaric GS, Holty JE, Liu H, Sundaram V. (2004). Regionalization of bioterrorism preparedness and response.. (96, pp. 1-7). *Evidence report/technology assessment (Summary)*.
  100. Bravata DM, Sundaram V, **McDonald KM**, Smith WM, Szeto H, Schleinitz MD, Owens DK. (2004). Evaluating Detection and Diagnostic Decision Support Systems for Bioterrorism Response. (1, vol. 10, pp. 100-108). *Emerging Infectious Diseases*. doi: 10.3201/eid1001.030243.
  101. Romano PS, Geppert JJ, Davies S, Miller MR, Elixhauser A, **McDonald KM**. (2003). A national profile of patient safety in U.S. hospitals. (2, vol. 22, pp. 154-166). *Health Affairs*. doi: 10.1377/hlthaff.222154.
  102. Shojania KG, Burton EC, **McDonald KM**, Goldman L. (2003). Changes in Rates of Autopsy-Detected Diagnostic Errors over Time: A Systematic Review. (21, vol. 289, pp. 2849-2856). *Journal of the American Medical Association*. doi: 10.1001/jama.289212849.
  103. Shojania KG, Duncan BW, **McDonald KM**, Wachter RM. (2002). Safe but sound: Patient safety meets evidence-based medicine. (4, vol. 288, pp. 508-513). *Journal of the American Medical Association*. doi: 10.1001/jama.2884508.
  104. Weiss JP, Saynina O, **McDonald KM**, McClellan MB, Hlatky MA. (2002). Effectiveness and cost-effectiveness of implantable cardioverter defibrillators in the treatment of ventricular arrhythmias among medicare beneficiaries. (7, vol. 112, pp. 519-527). *American Journal of Medicine*. doi: 10.1016/S0002-9343(02)01078-1.
  105. Hlatky MA, Saynina O, **McDonald KM**, Garber AM, McClellan MB. (2002). Utilization and outcomes of the implantable cardioverter defibrillator, 1987 to 1995. (3, vol. 144, pp. 397-403). *American Heart Journal*. doi: 10.1067/mjh.2002.125496.
  106. **McDonald KM**, Hlatky MA, Saynina O, Geppert J, Garber AM, McClellan MB. (2002). Trends in hospital treatment of ventricular arrhythmias among Medicare beneficiaries, 1985 to 1995. (3, vol. 144, pp. 413-421). *American Heart Journal*. doi: 10.1067/mjh.2002.125498.
  107. Shojania KG, Burton EC, **McDonald KM**, Goldman L. (2002). The autopsy as an outcome and performance measure. (58, pp. 1-5). *Evidence report/technology assessment (Summary)*.
  108. Every N, Hallstrom A, **McDonald KM**, Parsons L, Thom D, Weaver D, Hlatky MA. (2002). Risk of sudden versus nonsudden cardiac death in patients with coronary artery disease. (3, vol. 144, pp. 390-396). *American Heart Journal*. doi: 10.1067/mhj.2002.125495.
  109. Heidenreich PA, Keeffe B, **McDonald KM**, Hlatky MA. (2002). Overview of randomized trials of antiarrhythmic drugs and devices for the prevention of sudden cardiac death. (3, vol. 144, pp. 422-430). *American Heart Journal*. doi: 10.1067/mhj.2002.125499.
  110. Alexander M, Baker L, Clark C, **McDonald KM**, Rowell R, Saynina O, Hlatky MA. (2002). Management of ventricular arrhythmias in diverse populations in California. (3, vol. 144, pp. 431-439). *American Heart Journal*. doi: 10.1067/mhj.2002.125500.
  111. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald KM**, Hlatky MA, Selby J. (2002). Life after a ventricular arrhythmia. (3, vol. 144, pp. 404-412). *American Heart Journal*. doi: 10.1067/mhj.2002.125497.
  112. Owens DK, Sanders GD, Heidenreich PA, **McDonald KM**, Hlatky MA. (2002). Effect of risk stratification on cost-effectiveness of the implantable cardioverter defibrillator. (3, vol. 144, pp. 440-448). *American Heart Journal*. doi: 10.1067/mhj.2002.125501.
  113. Bravata DM, **McDonald K**, Owens DK, Buckeridge D, Haberland C, Rydzak C, Schleinitz M, Smith WM, Szeto H, Wilkening D, Musen M, Duncan BW, Nouri B, Dangiolo MB, Liu H, Shofer S, Graham

- J, Davies S. (2002). Bioterrorism preparedness and response: use of information technologies and decision support systems.. (59, pp. 1-8). *Evidence report/technology assessment (Summary)*.
114. Sanders GD, Hlatky MA, Every NR, **McDonald KM**, Heidenreich PA, Parsons LS, Owens DK. (2001). Potential cost-effectiveness of prophylactic use of the implantable cardioverter defibrillator or amiodarone after myocardial infarction. (10, vol. 135, pp. 870-883). *Annals of Internal Medicine*. doi: 10.7326/000348191351020011120000007.
115. Heidenreich PA, Alloggiamento T, Melsop K, **McDonald KM**, Go AS, Hlatky MA. (2001). The prognostic value of troponin in patients with non-ST elevation acute coronary syndromes: A meta-analysis. (2, vol. 38, pp. 478-485). *Journal of the American College of Cardiology*. doi: 10.1016/S0735-1097(01)013882.
116. Tu JV, Austin PC, Walld R, Roos L, Agras J, **McDonald KM**. (2001). Development and validation of the Ontario acute myocardial infarction mortality prediction rules. (4, vol. 37, pp. 992-997). *Journal of the American College of Cardiology*. doi: 10.1016/S0735-1097(01)01109-3.
117. Moreland A, McClellan M, Kessler D, Saynina O, Hobbs M, Ridout S, Richardson J, Robertson I, Closon M, Perelman J, Fassbender K, Tu J, Curry G, Austin P, Pilote L, Eisenberg MJ, Terkel C, Søndbø KI, Madsen M, Rasmussen S, Michael G, Yeates DGR, Robinson M, Keskimäki I, Hakkinen U, Veikko S, Mähönen M, Dormont BS, Milcent C, Zaleski ID, Ethel-Sherry G, Haklai Z, Kark J, Shmueli A, Atella V, Fabbri D, Vanuzzo D, Pilotto L, Pilotto L, Imanaka Y, Yoshihiro K, Noguchi H, Toyo E, Young-Hoon K, Bong-min Y, Haug C, Mcguire A, Raikou M, Windmeijer F, Boyd J, Hou MK, Hong PK, Tze PN, Ling SL, Suok-kai C, Caren T, Hampus LC, Dozet A, Lindgren A, Höjgård S, Öhlin H, Paccaud FM, Burnand B, Wietlisbach V, Holly A, Gardiol L, Egli Y, Mei-Shu L, Lo Joan C, Heidenreich P, McDonald KM, Newhouse JP. (2001). Technological change around the world: Evidence from heart attack care. (3, vol. 20, pp. 25-42). *Health Affairs*. doi: 10.1377/hlthaff.20.3.25.
118. Heidenreich PA, Cheng CHF, Sanders GD, Hlatky MA, **McDonald KM**, Lee BK, Larson MS, Owens DK. (2001). Radiofrequency ablation for supraventricular tachycardia. (11, vol. 18, pp. 8-12). *Cardiology Review*.
119. Shojania KG, Duncan BW, **McDonald KM**, Wachter RM, Markowitz AJ. (2001). Making health care safer: a critical analysis of patient safety practices.. (43). *Evidence report/technology assessment (Summary)*.
120. Cheng CHF, Sanders GD, Hlatky MA, Heidenreich P, **McDonald KM**, Lee BK, Larson MS, Owens DK. (2000). Cost-effectiveness of radiofrequency ablation for supraventricular tachycardia. (11, vol. 133, pp. 864-876). *Annals of Internal Medicine*. doi: 10.7326/000348191331120001205000010.
121. Heidenreich PA, Go A, Melsop KA, Alloggiamento T, **McDonald KM**, Hagan V, Hastie T, Hlatky MA. (2000). Prediction of risk for patients with unstable angina.. (31, pp. 1-3). *Evidence report/technology assessment (Summary)*.
122. Larson MS, **McDonald K**, Young C, Sung R, Hlatky MA. (1999). Quality of life before and after radiofrequency catheter ablation in patients with drug refractory atrioventricular nodal reentrant tachycardia. (4, vol. 84, pp. 471-473). *American Journal of Cardiology*. doi: 10.1016/S0002-9149(99)00338-0.
123. Heidenreich PA, **McDonald KM**, Hastie T, Fadel B, Hagan V, Lee BK, Hlatky MA. (1999). Meta-analysis of trials comparing  $\beta$ -blockers, calcium antagonists, and nitrates for stable angina. (20, vol. 281, pp. 1927-1936). *Journal of the American Medical Association*. doi: 10.1001/jama.281.20.1927. Lin A, Lenert LA, Hlatky MA, **McDonald KM**, Olshen RA, Hornberger J. (1999). Clustering and the design of preference-assessment surveys in healthcare. (51, vol. 34, pp. 1033-1045). *Health Services Research*.
124. Heidenreich PA, **McDonald KM**, Hastie T, Fadel B, Hagan V, Lee BK, Hlatky MA. (1999). An evaluation of beta-blockers, calcium antagonists, nitrates, and alternative therapies for stable angina.. (10, pp. 1-2). *Evidence report/technology assessment (Summary)*.
125. Every NR, Hlatky MA, **McDonald KM**, Weaver WD, Hallstrom AP. (1998). Estimating the proportion of post-myocardial infarction patients who may benefit from prophylactic implantable defibrillator

- placement from analysis of the CAST Registry. (5, vol. 82, pp. 683-685). *American Journal of Cardiology*. doi: 10.1016/S0002-9149(98)004172.
126. Sim I, **McDonald KM**, Lavori PW, Norbutas CM, Hlatky MA. (1998). Review: Amiodarone reduces all-cause mortality in patients at risk for sudden cardiac death. (4, vol. 3, pp. 113). *Evidence-Based Medicine*.
  127. Cheng CH, Sanders GD, **McDonald KM**, Heidenreich PA, Hlatky MA, Owens DK. (1998). Design of a modular, extensible decision support system for arrhythmia therapy.. (pp. 693-697). *Proceedings / AMIA ... Annual Symposium. AMIA Symposium*.
  128. Sim I, **McDonald KM**, Lavori PW, Norbutas CM, Hlatky MA. (1997). Quantitative overview of randomized trials of amiodarone to prevent sudden cardiac death. (9, vol. 96, pp. 2823-2829). *Circulation*. doi: 10.1161/01.CIR.9692823.
  129. Every NR, Parsons L, Hlatky MA, **McDonald KM**, Thom D, Hallstrom AP, Martin JS, Weaver WD. (1997). Use and accuracy of state death certificates for classification of sudden cardiac deaths in high-risk populations. (6, vol. 134, pp. 1129-1132). *American Heart Journal*. doi: 10.1016/S0002-8703(97)70035-8.
  130. Owens DK, Sanders GD, Harris RA, **McDonald KM**, Heidenreich PA, Dembitzer AD, Hlatky MA. (1997). Cost-effectiveness of implantable cardioverter defibrillators relative to amiodarone for prevention of sudden cardiac death. (1, vol. 126, pp. 1-12). *Annals of Internal Medicine*. doi: 10.7326/00034819126119970101000001.
  131. Sanders GD, Dembitzer AD, Heidenreich PA, **McDonald KM**, Owens DK. (1996). Presentation and explanation of medical decision models using the World Wide Web. (pp. 60-64). *Proceedings: a conference of the American Medical Informatics Association / ... AMIA Annual Fall Symposium. AMIA Fall Symposium*.
  132. Sim I, Gupta M, **McDonald KM**, Bourassa MG, Hlatky MA. (1995). A meta-analysis of randomized trials comparing coronary artery bypass grafting with percutaneous transluminal coronary angioplasty in multivessel coronary artery disease. (14, vol. 76, pp. 1025-1029). *The American Journal of Cardiology*. doi: 10.1016/S0002-9149(99)80289-6.

### **Non-peer reviewed Journal Articles**

1. Wu, AW, Papieva I, McDonald KM, Taha A, Dhingra N. Getting the diagnosis right: World Patient Safety Day 2024. *Journal of Patient Safety and Risk Management*. 2024;0(o). Published online Sept 10, 2024. <https://doi.org/10.1177/25160435241277452>
2. Wu AW, McDonald KM. Keeping up with the evidence: Making healthcare safer IV. *Journal of Patient Safety and Risk Management*. Volume 29, Issue 3, July 2024, Pages 120-122. <https://doi.org/10.1177/25160435241262166>
3. Lundberg B, **McDonald KM**. (2021) Mandatory public health measures for COVID-19 are associated with improved mortality, equity and economic outcomes. MEDRXIV/2021/251580.
4. McGlynn EA, **McDonald KM**, Cassel CK. (2015) Measurement is essential for improving diagnosis and reducing diagnostic error a report from the Institute of Medicine. Viewpoint. *JAMA - Journal of the American Medical Association*. (23, vol. 314, pp. 2501-2502). 12/15/2015. doi: 10.1001/jama.201513453.
5. **McDonald KM**. (2009). Editorial: CER essay introduction. (6, vol. 29, pp. 642). *Medical Decision Making*. doi: 10.1177/0272989X09351422.



6. **McDonald KM**, Davies SM, Geppert J, Romano PS. (2007). Why rescue the administrative data version of the "failure to rescue" quality indicator. (4, vol. 45, pp. 277-279). *Medical Care*. doi: 10.1097/01.mlr.000025907703041f8.
7. Romano PS, Elixhauser A, **McDonald KM**, Miller MR. (2002) HIM's Role in Monitoring Patient Safety. Short Survey. *Journal of the American Health Information Management Association*. (3, vol. 73, pp. 72-74). 03/01/2002.
8. **McDonald KM**, Hlatky MA. (2001). Cost reduction and implantable cardioverter defibrillator implantation. (2, vol. 12, pp. 167-168). *Journal of Cardiovascular Electrophysiology*. doi: 10.1046/j.15408167200100167x.

### **Government Reports (List present to past)**

1. Schlesinger M, Grob R, Gleason K, Yuan C, Haskell H, Giardina T, **McDonald K**. Patient Experience as a Source for Understanding the Origins, Impact, and Remediation of Diagnostic Errors. Volume 1: Why Patient Narratives Matter. Rockville, MD: Agency for Healthcare Research and Quality; June 2023. AHRQ Publication No. 23-0040-2-EF.
2. Schlesinger M, Grob R, Gleason K, Yuan C, Haskell H, Giardina T, **McDonald K**. Patient Experience as a Source for Understanding the Origins, Impact, and Remediation of Diagnostic Errors. Volume 2: Eliciting Patient Narratives. Rockville, MD: Agency for Healthcare Research and Quality; June 2023. AHRQ Publication No. 23-0040-3-EF.
3. Marsteller JA, Dukhanin V, Kang SY, Russell LE, Vass M, Zhang A, Sharma R, Bass EB, Snyder C. Measuring Healthcare Organization Characteristics in Cancer Care Delivery Research [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2023 Jun. Report No.: 23-EHC025. PMID: 37669411. (Acknowledged Advisory Contributor)
4. Wu A et al. Solutions to ensure patient safety during the COVID-19 pandemic: A systematic review. World Health Organization. In Press
5. Using Public Deliberation to Define Patient Roles in Reducing Diagnostic Error. AHRQ Grant (R21HS023562-01) Final Project Report. Principal Investigator: Tina Nabatchi (Syracuse University). Project Dates: 30 September 2014 – 31 March 2017
6. AHRQ Quality Indicators Resources – including Technical Reports, Software Documentation, Empirical Methods, Change Logs for Updates, archived Reports for ~15 years of involvement in the program, overseen as principal investigator (2014-2017)– available at <http://qualityindicators.ahrq.gov>
7. Shekelle P, Sarkar U, Shojania K, Wachter R, **McDonald K**, Motala A, Smith P, Zipperer L, Shanman R. Patient Safety in Ambulatory Settings. Technical Brief No. 27. (Prepared by the Southern California-RAND Evidence-based Practice Center under Contract No. 290201500010-I.) AHRQ Publication No. 16(17)-EHC033-EF. Rockville, MD: Agency for Healthcare Research and Quality. October 2016.
8. **McDonald KM**, Schultz E, Albin L, Pineda N, Lonhart J, Sundaram V, Smith-Spangler C, Brustrom J, and Malcolm E. Care Coordination Atlas Version 4. (Prepared by Stanford University under subcontract to American Institutes for Research on Contract No. HHS2902010000051). AHRQ Publication No. 14-0037-EF. Agency for Healthcare Research and Quality, Rockville, MD. <http://www.ahrq.gov/qual/careatlas/>. June 2014.
9. **McDonald KM**, Contopoulos-Ioannidis D, Lonhart J, Matesic B, Schmidt E, Pineda N, Ioannidis J. Patient Safety Practices Targeted at Diagnostic Errors (NEW). Chapter 35. Comparative Effectiveness Review No. 211. (Prepared by the Southern California-RAND Evidence-based Practice Center under Contract No. 290200710062-I.) AHRQ Publication No. 13E001EF.

- Rockville, MD: Agency for Healthcare Research and Quality. March 2013.
10. Schmidt EM, Goldhaber-Fiebert SN, Ho LA, **McDonald KM**. Use of Simulation Exercises in Patient Safety Efforts. Chapter 38. Comparative Effectiveness Review No. 211. (Prepared by the Southern California-RAND Evidence-based Practice Center under Contract No. 290200710062-I.) AHRQ Publication No. 13-E001-EF. Rockville, MD: Agency for Healthcare Research and Quality. March 2013.
  11. Shekelle PG, Wachter RM, Pronovost PJ, Schoelles K, **McDonald KM**, Dy SM, Shojania K, Reston J, Berger Z, Johnsen B, Larkin JW, Lucas S, Martinez K, Motala A, Newberry SJ, Noble M, Pfoh E, Ranji SR, Rennke S, Schmidt E, Shanman R, Sullivan N, Sun F, Tipton K, Treadwell JR, Tsou A, Vaiana ME, Weaver SJ, Wilson R, Winters BD. Making Health Care Safer II: An Updated Critical Analysis of the Evidence for Patient Safety Practices. Comparative Effectiveness Review No. 211. (Prepared by the Southern California-RAND Evidence-based Practice Center under Contract No. 290200710062I.) AHRQ Publication No. 13-E001-EF. Rockville, MD: Agency for Healthcare Research and Quality. March 2013. [www.ahrq.gov/research/findings/evidence-based-reports/ptsafetyuptp.html](http://www.ahrq.gov/research/findings/evidence-based-reports/ptsafetyuptp.html). PMID:PMC4781147.
  12. **McDonald KM**, Chang C, Schultz E. Through the Quality Kaleidoscope: Reflections on the Science and Practice of Improving Health Care Quality. Closing the Quality Gap: Revisiting the State of the Science. Methods Research Report. (Prepared by Stanford-UCSF Evidence-based Practice Center under Contract No. 290200710062I.) AHRQ Publication No. 13-EHC041-EF. Rockville, MD: Agency for Healthcare Research and Quality; February 2013. [www.EffectiveHealthCare.ahrq.gov/reports/final.cfm](http://www.EffectiveHealthCare.ahrq.gov/reports/final.cfm).
  13. **McDonald KM**, Chang C, Schultz E. Closing the Quality Gap: Revisiting the State of the Science. Summary Report. (Prepared by Stanford-UCSF Evidence-based Practice Center under Contract No. 290200710062I.) AHRQ Publication No. 12(13)-E017. Rockville, MD: Agency for Healthcare Research and Quality. January 2013.
  14. Schultz E, Davies S, **McDonald KM**. Development of Quality Indicators for the Home and Community-Based Services Population: Technical Report. (Prepared by Stanford-Center for Primary Care and Outcomes Research under Contract No. 290040020.) Rockville, MD: Agency for Healthcare Research and Quality; June 2012. <http://www.qualityindicators.ahrq.gov/Downloads/Resources/Publications/2012/HCBS%20QI%20Technical%20Report.pdf>
  15. **McDonald KM**, Schultz E, Chapman T, Davies S, Pineda N, Lonhart J, Schmidt E, and Wilson S. Prospects for Care Coordination Measurement Using Electronic Data Sources. (Prepared under contract number 290040020 AHRQ SQI-II.) AHRQ Publication No. 12-0014-EF. Agency for Healthcare Research and Quality, Rockville, MD. March 2012
  16. **McDonald KM**, Schultz E, Pineda N, Lonhart J, Chapman, T. and Davies, S. Care Coordination Accountability Measures for Primary Care Practice (Prepared by Stanford University under subcontract to Battelle on Contract No. 290040020). AHRQ Publication No.12-0019-EF. Rockville, MD: Agency for Healthcare Research and Quality. January 2012.
  17. **McDonald KM**, Schultz E, Albin L, Pineda N, Lonhart J, Sundaram V, Smith-Spangler C, Brustrom J, and Malcolm E. Care Coordination Atlas Version 3. (Prepared by Stanford University under subcontract to Battelle on Contract No. 290040020.) AHRQ Publication No. 11-0023-EF. Agency for Healthcare Research and Quality, Rockville, MD. January 2011.
  18. Shekelle PG, Pronovost PJ, Wachter RM, Taylor SL, Dy S, Foy R, Hempel S, **McDonald KM**, Ovretveit J, Rubenstein L, and the PSP Technical Expert Panel. Assessing the Evidence for Context- Sensitive Effectiveness and Safety of Patient Safety Practices: Developing Criteria. Contract Final Report. AHRQ Publication No. 11-0006-EF. (Prepared under Contract No. HHS-290200910001C.) Agency for Healthcare Research and Quality, Rockville, MD. <http://www.ahrq.gov/qual/contextensitive/>. December 2010.

19. Yank V, Tuohy CV, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahon D, Stave CD, Zehnder JL, Olkin I, **McDonald KM**, Owens DK, Stafford RS. Comparative Effectiveness of Recombinant Factor VIIa for Off-Label Indications vs. Usual Care. Comparative Effectiveness Review No. 21. (Prepared by Stanford University-UCSF Evidence-based Practice Center under contract No. 290200017.) AHRQ Publication No. 10-EHC030-1. Rockville, MD: Agency for Healthcare Research and Quality. May 2010.
20. Davies SM, **McDonald KM**, Schmidt E, Schultz E, Geppert J, Romano PS. Expanding Use of the Prevention Quality Indicators: Report of Clinical Expert Review Panel. Full summary available at [http://www.qualityindicators.ahrq.gov/modules/pqi\\_resources.aspx](http://www.qualityindicators.ahrq.gov/modules/pqi_resources.aspx). Rockville, MD: Agency for Healthcare Research and Quality. November 2009.
21. White CM, Ip S, McPheeters M, Carey T, Chou R, Lohr K, Robinson K, **McDonald KM**, Whitlock E. Using existing systematic reviews to replace de novo processes in conducting Comparative Effectiveness Reviews. In: Agency for Healthcare Research and Quality. Methods Guide for Comparative Effectiveness Reviews [posted September 2009]. Rockville, MD. Available at <http://effectivehealthcare.ahrq.gov/healthinfo.cfm?infotype=rr&ProcessID=60>.
22. Caughey AB, Sundaram V, Kaimal AJ, Cheng YW, Gienger A, Little SE, Lee JF, Wong L, Shaffer BL, Tran SH, Padula A, **McDonald KM**, Long EF, Owens DK, Bravata DM. Maternal and Neonatal Outcomes of Elective Induction of Labor. Evidence Report/Technology Assessment No. 176. (Prepared by the Stanford University-UCSF Evidence-based Practice Center under contract No. 290020017.) AHRQ Publication No. 09-E005. Rockville, MD: Agency for Healthcare Research and Quality. March 2009. PMID: PMC4781541.
23. Bravata DM, **McDonald KM**, Gienger, AL, Sundaram V, Perez MV, Varghese R, Kapoor JR, Ardehali R, McKinnon MC, Stave CD, Owens DK, Hlatky MA. Comparative effectiveness of percutaneous coronary interventions and coronary artery bypass grafting for coronary artery disease. Comparative Effectiveness Review No. 9. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Pub. No. 08-EHC002-1 (Executive Summary); full report available at [www.effectivehealthcare.ahrq.gov/reports/final.cfm](http://www.effectivehealthcare.ahrq.gov/reports/final.cfm). Rockville, MD: Agency for Healthcare Research and Quality. October 2007.
24. Baker L, Bundorf K, Royalty A, Galvin C, **McDonald KM**. Consumer-oriented strategies for improving health benefit design: An overview. Technical Review 15 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017.) AHRQ Publication No. 07-0067. Rockville, MD: Agency for Healthcare Research and Quality. July 2007.
25. **McDonald KM**, Sundaram V, Bravata DM, Lewis R, Lin N, Kraft S, McKinnon M, Paguntalan H, Owens DK. Care coordination. Vol 7 of: Shojania KG, McDonald KM, Wachter RM, Owens DK, editors. Closing the quality gap: A critical analysis of quality improvement strategies. Technical Review 9 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04(07)-0051-7. Rockville, MD: Agency for Healthcare Research and Quality. June 2007.
26. Ranji SR, Shetty K, Posley KA, Lewis R, Sundaram V, Galvin CM, Winston LG. Prevention of healthcare-associated infections. Vol 6 of: Shojania KG, **McDonald KM**, Wachter RM, Owens DK, editors. Closing the quality gap: A critical analysis of quality improvement strategies. Technical Review 9 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04(07)-0051-6. Rockville, MD: Agency for Healthcare Research and Quality. January 2007.
27. Bravata DM, Sundaram V, Lewis R, Gienger A, Gould MK, **McDonald KM**, Wise PH, Holty J-EC, Hertz K, Paguntalan H, Sharp C, Kim J, Wang E, Chamberlain L, Shieh L, Owens DK. Asthma care. Vol 5 of: Shojania KG, McDonald KM, Wachter RM, Owens DK, editors. Closing the quality gap: A critical analysis of quality improvement strategies. Technical Review 9 (Prepared by

- Stanford- UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04(07)-0051-5. Rockville, MD: Agency for Healthcare Research and Quality. January 2007.
28. Bravata DM, Wang E, Holty JE, Lewis R, Wise PH, Nayak S, Liu H, **McDonald KM**, Owens DK. A systematic review of pediatric anthrax: Implications for bioterrorism preparedness. Evidence Report/Technology Assessment No. 141 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017.) AHRQ Publication No 06-E013. Rockville, MD: Agency for Healthcare Research and Quality. August 2006. PMID:PMC4780971.
  29. Ranji SR, Steinman MA, Shojania KG, Gonzales R, Sundaram V, Lewis R, Arnold S. Antibiotic prescribing behavior. In: Shojania KG, **McDonald KM**, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies, Volume 4—antibiotic prescribing behavior. Evidence Report/Technology Assessment No. 9d (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04(06)-0051-4. Rockville, MD: Agency for Healthcare Research and Quality. January 2006.
  30. Singer SJ, Dunham KM, Bowen JD, Geppert JJ, Gaba DM, **McDonald KM** and Baker LC. Lessons from a California hospital consortium about safety climate and safety practices. In: Henriksen K, Battles JB, Lewin DI, Marks E, editors. Advances in patient safety: From research to implementation. Vol. 3, Implementation Issues. Rockville, MD: Agency for Healthcare Research and Quality; 2005.
  31. Walsh J, **McDonald KM**, Shojania KG, Sundaram V, Nayak S, Davies S, Lewis R, Mechanic J, Sharp C, Henne M, Shah B, Chan JK, Owens DK, Goldstein MK. Quality improvement strategies for hypertension. In: Shojania KG, McDonald KM, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies, Volume 3—hypertension care. Evidence Report/Technology Assessment No. 9c. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-0051-3. Rockville, MD: Agency for Healthcare Research and Quality. January 2005.
  32. Shojania KG, Ranji S, Shaw LK, Charo LN, Lai JC, Rushakoff RJ, **McDonald KM**, Owens DK. Quality improvement strategies for diabetes mellitus. In: Shojania KG, McDonald KM, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies, Volume 2—diabetes mellitus care. Evidence Report/Technology Assessment No. 9b. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-0051-2. Rockville, MD: Agency for Healthcare Research and Quality. September 2004.
  33. **McDonald KM**, Graham ID, Grimshaw J. Toward a theoretic basis for quality improvement interventions. In: Shojania KG, McDonald KM, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies, Volume 1—Series Overview and Methodology. Evidence Report/Technology Assessment No. 9a. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-0051-1 Rockville, MD: Agency for Healthcare Research and Quality. August 2004.
  34. Shojania KG, **McDonald KM**, Owens DK. Evidence-based review methodology for the closing the quality gap series of evidence reports. In: Shojania KG, McDonald KM, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies, Volume 1—Series Overview and Methodology. Evidence Report/Technology Assessment No. 9. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-0051-1. Rockville, MD: Agency for Healthcare Research and Quality. August 2004.
  35. Shojania KG, **McDonald KM**, Wachter RM, Owens DK. Closing the quality gap: A critical analysis of quality improvement strategies. Volume 1 Background and Methodology; Volume 2 Diabetes Mellitus Care; Volume 3 Hypertension Care. Evidence Report/Technology Assessment No. 9.

- (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-0051-1. Rockville, MD: Agency for Healthcare Research and Quality. August 2004.
36. Bravata DM, **McDonald K**, Owens DK, Wilhelm ER, Brandeau ML, Zaric GS, Holty JEC, Liu H, Sundaram V. Regionalization of bioterrorism preparedness and response. Evidence Report/Technology Assessment No. 96 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract No. 290020017). AHRQ Publication No. 04-E016-2 (report) and 04-E016-1 (summary). Rockville, MD: Agency for Healthcare Research and Quality. April 2004. PMID: PMC4781155.
  37. Heidenreich P, **McDonald K**. Systematic review of troponin as a prognostic factor for CHD in women. In: Grady D, Chaput L, Kristof M, **McDonald K** et al, Diagnosis and treatment of coronary heart disease in women: Systematic review of evidence on selected topics. Evidence Report/Technology Assessment No. 81. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract #290970013) AHRQ Publication No. 03-E037 (report) and No. 03-E036 (summary). Rockville, MD: Agency for Healthcare Research and Quality. May 2003.
  38. Grady D, Chaput L, Kristof M, **McDonald K**, Bischoff K, Cabou A, Hoerster K, Shahpar C, Walsh J. Results of systematic review of research on diagnosis and treatment of coronary heart disease in women. Evidence Report/Technology Assessment No. 80. (Prepared by Stanford-UCSF Evidence- Based Practice Center under contract #290970013) AHRQ Publication No. 03-E035 (report) and No. 03-E034 (summary). Rockville, MD: Agency for Healthcare Research and Quality. May 2003.
  39. **McDonald KM**, Romano PS, Geppert J, Davies S, Duncan BW, Shojania KG. Measures of patient safety based on hospital administrative data-The patient safety indicators. Technical Review 5 (Prepared by Stanford-UCSF Evidence-Based Practice Center under Contract No. 290970013). AHRQ Publication No. 02-0038. Rockville, MD: Agency for Healthcare Research and Quality. August 2002.
  40. Bravata DM, **McDonald KM**, Owens DK, Buckeridge D, Haberland C, Rydzak C, Schleinitz M, Smith WM, Szeto H, Wilkening D, Musen M, Duncan BW, Nouri B, Dangiolo MB, Liu H, Shofer S, Graham J, Davies S. Bioterrorism preparedness and response: Use of information technologies and decision support systems. Evidence Report/Technology Assessment No. 59. (Prepared by Stanford- UCSF Evidence-Based Practice Center under contract #290-97-0013) AHRQ Publication No. 02- E028 (report) and No. 02-E027 (summary). Rockville, MD: Agency for Healthcare Research and Quality. August 2002.
  41. Shojania KS, Burton EC, **McDonald KM**, Goldman L. The autopsy as an outcome and performance measure. Evidence Report/Technology Assessment No. 58. (Prepared by Stanford-UCSF Evidence- Based Practice Center under contract #290970013) AHRQ Publication No. 03-E002 (report) and No. 03-E001 (summary). Rockville, MD: Agency for Healthcare Research and Quality. October 2002. PMID: PMC4781441.
  42. Davies S, Geppert J, McClellan, M, **McDonald KM**, Romano PS, Shojania KG. Refinement of the HCUP quality indicators. Agency for Health Care Research and Quality EPC<sup>TM</sup> Evidence Report/Technology Assessment. Review #4. AHRQ Publication No. 01-0035 (report and summary). Internet Publication: December 2001. Agency for Healthcare Research and Quality, Rockville, MD. <http://www.ahrq.gov/clinic/tp/hcupqitp.htm>
  43. Shojania KS, Duncan BW, **McDonald KM**, Wachter RM. Making health care safer: A critical analysis of patient safety practices. Evidence Report/Technology Assessment No. 43 (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract #290970013) AHRQ Publication No. 01-E058 (report) and No. 01-E057 (summary). Rockville, MD: Agency for Healthcare Research and Quality. July 2001. PMID: PMC4781305.
  44. Heidenreich PA, Go AS, Alloggiamento T, Melsop K, **McDonald KM**, Hagan V, Hastie T, Hlatky

MA. Prediction of risk for patients with unstable angina. Agency for Health Care Research and Quality EPC<sup>TM</sup> Evidence Report/Technology Assessment Publication No. 31. (Prepared by Stanford- UCSF Evidence-Based Practice Center under contract #290970013) AHRQ Publication No.01-E001 (report) and No. 00-E030 (summary). Rockville, MD: Agency for Healthcare Research and Quality. December 2000. PMID: PMC4781237.

45. Heidenreich PA, **McDonald KM**, Hastie T, Fadel B, Hagan V, Lee BK, Hlatky MA. Medical management of stable angina: an evaluation of beta-blockers, calcium antagonists, nitrates and alternative therapies for stable angina. Agency for Health Care Policy and Research EPC<sup>TM</sup> Evidence Report/Technology Assessment No. 10. (Prepared by Stanford-UCSF Evidence-Based Practice Center under contract #290970013) AHCPR Publication No. 00-E003 (report) and No. 00-E002 (summary). Rockville, MD: Agency for Healthcare Policy and Research. November 1999. PMID: PMC4780892.

#### **White Papers and Other Reports (List present to past)**

1. Veenema TG, Closser, Thurl J, Kalb LG, **McDonald KM** et al. Mental Health and Social Support for Healthcare and Hospital Workers during the COVID-19 Pandemic. Johns Hopkins Bloomberg School of Public Health Center for Health Security. September 2021
2. **McDonald KM**. Evidence of context influences on interventions to reconcile medications. RAND- AHRQ Project: Context-sensitivity of Patient Safety Practices; 2009.
3. **McDonald KM**. Health care indicators: Development of an evaluation framework from US context. Global Health Policy Research Network; 2006.
4. Brandeau ML, **McDonald KM**, Owens DK. Global HIV prevention and treatment: Planning for the future. Global Health Policy Research Network; 2005.

#### **Abstracts (until 2018)**

1. Gori D, Rajendra D, Blayney D, Brooks JD, Fantini MP, **McDonald K**, Hernandez-Boussard T.: Evaluating Existing Quality Measures for Prostate Cancer Care: Identify Gaps in the Utilization of Clinically Meaningful Measures. Academy Health 35th Annual Research Meeting, (Seattle, WA; June 25, 2018).
2. **McDonald KM**, Rodriguez H, Shortell S. Organizational Influences on Time Pressure, Chaos and Potential Patient Safety Consequences in Primary Care. Academy Health Annual Research Meeting. (New Orleans, LA; June 25, 2017).
3. **McDonald K**. Research and Practice as Bedfellows: Analysis of cases of organizational change from the Relational Coordination Research Collaboration Interventions Registry. Berkeley-Stanford Organizational Behavior Conference. (Berkeley, CA; January 27, 2017).
4. Hernandez-Boussard T, Kourdis P, Dulal R, Ferrari M, Henry S, Seto T, **McDonald K**, Blayney DW, Brooks JD, (2017). A natural language processing algorithm to measure quality prostate cancer care. *Journal of Clinical Oncology* 35 (8\_suppl), 232-232 (ASCO 2017 conference abstract)
5. Desai K, Carroll I, Asch S, **McDonald KM**, Seto T, Curtin C, Hernandez-Boussard T. Evaluating postoperative opioid prescribing patterns and their association with pain outcomes: Evidence synthesis using electronic health records. Society for Medical Decision Making 38<sup>th</sup> Annual Meeting. (Vancouver, BC; October 23-26, 2016).
6. Desai K, Carroll I, Asch S, **McDonald KM**, Seto T, Curtin C, Hernandez-Boussard T. Evidence synthesize to aid prescribing decisions for postoperative pain management. Society for Medical Decision Making 38<sup>th</sup> Annual Meeting. (Vancouver, BC; October 23-26, 2016).
7. **McDonald K**, Su G, Lisker S, Patterson E, Sarkar U. High-risk patient monitoring in ambulatory settings: applying journey mapping to identify leverage points to reduce diagnostic delays and increase organizational effectiveness. Society to Improve Diagnosis in Medicine 1<sup>st</sup> European

- Conference. (Rotterdam, The Netherlands; June 30 – July 1, 2016).
8. **McDonald KM**, Hernandez-Boussard T, Brooks J, Blayney D, Escobar-Viera, C. Utilizing electronic health record documentation to measure value for prostate cancer clinical care. 6<sup>th</sup> Biennial European Conference. (London, England; June 12-14, 2016).
  9. **McDonald K**, Skinner H, Zrelak P, Utter G, Davies S, Jalal H, Houchens B, Romano P. Development of New Harm-Based Weighting Approach to Composite Indicators: The Agency for Healthcare Research and Quality Patient Safety for Selected Indicators (AHRQ PSI-90). Society for Medical Decision Making 37<sup>th</sup> Annual Meeting. (St. Louis, MO; October 18-20, 2015).
  10. Tedesco D, Hernandez-Boussard T, Carretta E, Rolli M, Di Denia P, **McDonald KM**, Fantini MP. Evaluating Patient Safety Indicators between Italy and United States in orthopedic surgery. *Academy Health*. June 15, 2015.
  11. Davies SM, Goldstein B, **McDonald KM**. Admission Rates from the Emergency Department as a Measure of Community Access to Care: Identifying Community Resources Sensitive Conditions (CRSC). *Academy Health*. June 8, 2014. Davies SM, Schmidt E, Maldonado J, Houchens R, Stocks C, **McDonald KM**. New Measures of Community Mental Health and Substance Use Burden and Access to Care Using ED Utilization Data: The Behavioral Health Emergency Department Prevention Quality Indicators (ED-PQI). *Academy Health*. June 9, 2014.
  12. Davies SM, Schmidt ED, Stocks C, Owens D, **McDonald KM**. ED Revisits Among Individuals with Behavioral Health Complaints. Accepted for podium presentation at the Academy Health Behavioral Health Interest Group meeting. June 7, 2014.
  13. Davies SM, Owens D, Smith K, Stocks C, **McDonald KM**. Using the Emergency Department as a Window into Community Behavioral Health. Presented at the American Society of Addiction Medicine 45<sup>th</sup> Annual Medical-Scientific Conference, April 12, 2014, Orlando, FL.
  14. **McDonald KM**, Chang C. Closing the Quality Gap Series: Revisiting the State of the Science Using Systematic Reviews. 2012 Academy for Healthcare Improvement's Conference on Advancing the Methods for Healthcare Quality Improvement Research. May 7-8, 2012. Arlington, VA.
  15. Hernandez-Boussard T, **McDonald KM**, Morton JM. Dose-Response Relationship Between Hospital Surgical Volume and Patient Safety. Society for Medical Decision Making Annual Conference. October 25, 2011. Chicago, IL.
  16. Davies SM, Saynina O, **McDonald KM**, Baker L. Characterizing readmissions in California to inform use as a quality metric. *AcademyHealth Child Health Services Research Meeting*. June 26, 2010. Boston, MA.
  17. Davies SM, **McDonald KM**, Schmidt E, Schultz E, Geppert J, Romano PS. Expanding the uses of AHRQ's prevention quality indicators: Validity from the clinician perspective. *AcademyHealth Annual Research Meeting*. June 28, 2010. Boston, MA.
  18. Davies SM, Chapman T, **McDonald KM**, Sandrock C, Romano PS, Geppert J. Measuring hospital preparedness for pandemic and mass casualty events: What is most important? *AcademyHealth Annual Research Meeting*. June 28, 2010. Boston, MA.
  19. Smith-Spangler CM, Sundaram V, Albin L, Owens DK, **McDonald KM**. Care Coordination: What works? Making sense of a vast literature via a systematic review of reviews. 32<sup>nd</sup> Annual Meeting of the Society for Medical Decision Making. October 2010.
  20. Hernandez-Boussard T, **McDonald KM**, Morton JM. The relationship between patient safety and hospital volume. 27<sup>th</sup> Annual Conference of the International Society for Quality in Health Care. October 2010.
  21. **McDonald KM**, Sundaram V, Smith-Spangler C, Albin L, Bravata DM, Owens DK. Care Coordination: What works? Harnessing a vast literature through a systematic review of systematic reviews. 13<sup>th</sup> Biennial European Conference for the Society of Medical Decision Making. May

2010.

22. Yank V, Tuohy CV, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahon D, Olkin I, **McDonald KM**, Owens DK, and Stafford RS. The safety and efficacy of recombinant activated factor VIIa for traumatic bleeding: patterns of use and comparative effectiveness review. 31st Annual Meeting of the Society for Medical Decision Making. October 2009.
23. Yank V, Tuohy CV, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahon D, Olkin I, **McDonald KM**, Owens DK, and Stafford RS. The safety and efficacy of recombinant activated factor VIIa for non-traumatic intracranial hemorrhage: patterns of use and comparative effectiveness review. 31st Annual Meeting of the Society for Medical Decision Making. October 2009.
24. Yank V, Logan AC, Tuohy CV, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahon D, **McDonald KM**, Owens D, and Stafford RS. Comparison of thromboembolic event rates in randomized controlled trials and observational studies of recombinant factor VIIa for off-label indications. *Blood*. 2009;114(11):1403.
25. **McDonald KM**, Miller G, Wise PH, Diamond L, Magaloni B, Stoner-Weiss K. Tactics to advance interdisciplinary research at the intersection between health and governance. Consortium of Universities for Global Health (CUGH) Annual Meeting. September 14, 2009. Bethesda, MD.
26. **McDonald KM**, Karon S, Lee S, Geppert J, Cubbins L, Potter DEB. Using the Medicaid Analytic Extract (MAX) to Identify the HCBS (Assisted Living) Waiver Population. The Gerontological Society of America's 62nd Annual Scientific Meeting. November 21, 2009. Atlanta, GA.
27. Bravata DM, **McDonald KM**, Gienger A, Owens DK. Comparative effectiveness of percutaneous coronary interventions and coronary artery bypass grafting for coronary artery disease. *J Gen Intern Med*. 2007; 22 supplement 1, p. 47, April 2007.
28. Haberland C, Geppert J, Davies S, Ku A, **McDonald KM**, Romano, P. A method for risk adjustment for the AHRQ pediatric quality indicators. AcademyHealth Annual Research Meeting. June 25, 2006. Seattle, WA.
29. Geppert J, Davies S, Haberland CA, **McDonald KM**, Romano, P. Socioeconomic status and the prevention quality indicators. AcademyHealth Annual Research Meeting. June 27, 2006. Seattle, WA
30. Davies S, Romano PS, Ku A, Haberland CA, Geppert J, **McDonald KM**. Indicators of their own: pediatric quality indicators based on administrative data. AcademyHealth Annual Research Meeting. June 25, 2006. Seattle, WA. [Most Outstanding Abstracts Award 2006 for this abstract.]
31. Holty JE, Bravata DM, Liu H, Wilhelm ER, Zaric GS, **McDonald KM**, Owens DK. 100 years of inhalational anthrax: a systematic review of cases from 1990 to 2001. *Med Decis Making*. 2005; 25 (1):E25.
32. Bravata DM, Zaric GS, Holty JE, Brandeau ML, Wilhelm ER, **McDonald KM**, Owens DK. The cost effectiveness of alternative strategies for stockpiling and dispensing medical and pharmaceutical supplies during a response to anthrax bioterrorism. *Med Decis Making*. 2005;25 (1):E5.
33. Perelman J, Shmueli A, Pilote L, **McDonald KM**, Saynina O, Closon MC, and TECH group. Inequality in in-patient care delivery-The case of access to high-technology AMI treatments. International Health Economics Association. (July 13, 2005)
34. Walsh JM, **McDonald KM**, Shojania KG, Sundaram V, Lewis R, Nayak S, Mechanic J, OwensDK, Goldstein MK. Provider adherence with quality improvement strategies for management of hypertension: a systematic review. Society for Medical Decision Making (presenter at October 2004 annual meeting).
35. Walsh JM, **McDonald KM**, Shojania KG, Sundaram V, Lewis R, Nayak S, Mechanic J, OwensDK, Goldstein MK. Quality improvement strategies for hypertension: a systematic review. Society for Medical Decision Making (presenter at October 2004 annual meeting).
36. Zaric GS, Bravata D, Holty JC, Brandeau ML, Wilhelm E, Sundaram V, **McDonald KM**, Owens



- DK. Modeling the logistics of response to a large anthrax attack in the United States. *Med Decis Making*. 2003; 23:570.
37. Romano PS, **McDonald KM**, and others. Refinement and validation of the AHRQ Patient Safety Indicators (PSI). The 131st Annual Meeting of American Public Health Association. (November 15-19, 2003)
  38. Davies SM, Romano PS, **McDonald KM**, Geppert, J, Elixhauser A, Remus D. Use of AHRQ prevention quality indicators for public health and health plan monitoring of access to care. The 131st Annual Meeting of American Public Health Association. (November 15-19, 2003)
  39. **McDonald KM**, Davies S, Geppert J, Romano P, Gritz M, Remus D. Quality indicators for inpatient care, patient safety and avoidable hospitalizations: Building a bridge from indicator development to user applications. The 5<sup>th</sup> International Conference on the Scientific Basis of Health Services. Global Evidence for Local Decisions. (September 2003)
  40. Bravata D, Szeto H, **McDonald KM**, Smith W, Owens DK. Development of a conceptual framework for the evaluation of decision support systems to respond to bioterrorism. *Society for Medical Decision Making*. October 2002.
  41. McClellan M, Kessler D, **McDonald K** and TECH Investigators. Trends in the use of technology for heart attacks and stroke, the US experience in the light of the TECH research network. Presented with Panel Session: Bridging the gaps in the international analysis of health care systems: the recent experience of the OECD. *Academy for Health Services Research and HealthPolicy*. June 2002.
  42. Bravata DM, **McDonald K**, Smith WM, Rydzak C, Szeto H, Buckeridge D, Haberland C, and Owens DK. Surveillance systems for bioterrorism: A systematic review. *J Urban Health*. 2003; 80(2): i135.
  43. Bravata DM, **McDonald K**, Smith WM, Rydzak, Szeto H, Buckeridge D, Haberland C, Dangiolo MB, Graham J, Owens DK. Surveillance systems for bioterrorism: A systematic review. *J GenIntern Med*. 2002; 17, April (Suppl 1): 184.
  44. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald K**, Hlatky M, Selby J. Functional status after hospitalization and treatment for a life-threatening ventricular arrhythmia. HMO Research Network Conference, April 4, 2000.
  45. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald K**, Hlatky M, Selby J. The cost of life-threatening ventricular arrhythmias: Implantable cardioverter defibrillator vs. amiodarone treatment. *Association for Health Services Research*, June 27, 2000.
  46. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald K**, Hlatky M, Selby J. Quality of life patterns from the cardiac arrhythmia PORT. *American Heart Association 73rd Scientific Sessions*, November 2000. *Circulation* 2000;102 (Suppl II):II:877.
  47. **McDonald KM**, Hornberger J, Ziegler J, Lenert LA. Utility of therapy with amiodarone or an implantable defibrillator assessed by patients at risk for sudden cardiac death. *Medical Decis Making*. 2000;20:501.
  48. Heidenreich PA, Sanders GD, Hlatky MA, Buxton AE, Hafley GE, Lee KL, **McDonald KM**, Owens DK. Cost effectiveness of screening patients with low ejection fraction for prophylactic defibrillator implantation. *Medical Decis Making*. 2000;20:484.
  49. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald K**, Hlatky M, Selby J. The cost of life-threatening ventricular arrhythmias: Results from the cardiac arrhythmia PORT. *Pacing Clinical Electrophysiology* 2000;23(4 Part II).
  50. Hsu J, Uratsu C, Truman A, Quesenberry C, **McDonald K**, Hlatky M, Selby J. Functional status after hospitalization and treatment for a life-threatening ventricular arrhythmia. *AAHP 2000 Building Bridges Research Conference*.
  51. Heidenreich PA, Alloggiamento T, Hagan V, Melsop K, **McDonald KM**, Go AS, Hlatky MA. The prognostic value of troponin in patients with non-ST elevation acute coronary syndromes: A

- meta- analysis. *J Am Coll Cardiol.* 2000;35:267A.
52. Heidenreich PA, Sanders GD, Hlatky MA, **McDonald KM**, Owens DK. Should survivors of myocardial infarction be screened for risk of sudden death? A cost-effectiveness analysis. *J Am Coll Cardiol.* 2000;35:550A.
  53. Paglione M, Selby JV, Uratsu CS, Truman AF, **McDonald KM**, Hlatky MA. Quality of life over time in patients with life-threatening ventricular arrhythmias. *Circulation.* 1999;100:1-570.
  54. Heidenreich PA, Sanders GD, Hlatky MA, **McDonald KM**, Owens DK. Cost effectiveness of screening survivors of myocardial infarction for prophylactic defibrillator implantation. *Medical Decis Making.* 1999;19(4):519.
  55. Sanders GD, Hlatky MA, Heidenreich PA, **McDonald KM**, Owens DK. Use of decision models to extrapolate results from clinical trials: cost effectiveness of the implantable cardioverter defibrillator (ICD). *Medical Decis Making.* 1999;19(4):519.
  56. Sanders GD, Every NR, **McDonald KM**, Parsons LS, Heidenreich PA, Hlatky MA, Owens DK. Cost effectiveness of implantable cardioverter defibrillators and amiodarone after myocardial infarction. *J Am Coll Cardiol.* Feb 1999;33(2):SupplementA:307A.
  57. Heidenreich PA, **McDonald KM**, Hastie T, Fadel B, Hagan V, Lee BK, Hlatky MA. Calcium antagonists versus beta blockers for stable angina: a meta-analysis. *J Am Coll Cardiol.* Feb 1999;33(2):SupplementA:313A.
  58. Cheng CHF, Sanders GD, Heidenreich PA, **McDonald KM**, Lee BK, Larson MS, Hlatky MA, Owens DK. Cost effectiveness of radiofrequency ablation for treatment of paroxysmal supraventricular tachycardias. *Med Decis Making.* 1998;18(4):458.
  59. **McDonald KM**, Larson M, Boothroyd D, Hlatky MA. Patient reported utility for radiofrequency ablation for treatment of atrioventricular nodal re-entrant tachycardia. *Med Decis Making.* 1998;18:485.
  60. **McDonald KM**, Saynina O, Geppert J, Hlatky MA, McClellan MB. Trends in hospital treatment of ventricular arrhythmias among medicare beneficiaries, 1986-1994. *Circulation.* 1998;98:1-13.
  61. Clark C, Alexander M, Baker L, **McDonald K**, Hlatky M. Racial and ethnic differences in the use of diagnostic and treatment procedures for sudden cardiac death. *Association of Health Services Research Proceedings*, June 1998:263.
  62. Lenert L, Ziegler J, Lee T, Vagelos R, Hornberger J, **McDonald K**. Utility elicitation for decision support: cardiology patients' understanding and acceptance of the standard gamble. *Med Decis Making.* 1997; 17:520.
  63. Sanders GD, Every NR, **McDonald KM**, Parsons LS, Heidenreich PA, Hlatky MA, Owens DK. Cost effectiveness of implantable cardiac defibrillators (ICDs) after myocardial infarction (MI). *Med Decis Making.* 1997; 17:531.
  64. Owens DK, Sanders GD, Heidenreich PA, **McDonald KM**, Dembitzer AD, Hlatky MA. Identification of patients at high risk for sudden cardiac death. *Med Decis Making.* 1996; 16:456
  65. Lenert LA, Ziegler J, **McDonald K**, Hlatky M, Homberger J. Utilities for health states with arrhythmias. *Med Decis Making.* 1996;16:447.
  66. Sim I, **McDonald KM**, Norbutas C, Hlatky MA. Amiodarone and mortality: A metaanalysis using hierarchical Bayes. *Med Decis Making.* 1996; 16:468. [Sim awarded Lee Lusted Prize for this abstract.]
  67. **McDonald K**, Aton E, Campbell B, Lenert L, Hlatky M, Homberger J. Perceptions of patients and their families about near-fatal arrhythmias and treatments to prevent recurrence. *Med Decis Making.* 1996; 16:460.
  68. Sim I, Gupta M, **McDonald KM**, Bourassa MG, Hlatky MA. Relative risks of bypass surgery and coronary angioplasty for multivessel coronary artery disease: a metaanalysis. *American Heart Association 68th Scientific Sessions, November 13-16, 1995. Circulation Supplement I.* 1995;92:1-9.

69. Owens DK, Sanders GD, Harris RA, **McDonald KM**, Hlatky MA. Cost effectiveness of third-generation implantable cardioverter-defibrillators for prevention of sudden cardiac death. *Med Decis Making.* 1995; 15:420.

### Conference Meetings/Presentations

#### International

- 2021 **McDonald K.** Developing an Equity-informed Roadmap for Patient-reported Measures (PROMS and PREMS), including Measurement Priorities for Reducing Disparities. In Session: Patient-reported Diagnostic Errors: Experience So Far and Future Directions. Society to Improve Diagnosis in Medicine DEM 14<sup>th</sup> Annual International Conference. Virtual International. (10/27/2021)
- 2021 **McDonald K.** Using Human-centered Design to Generate Solutions Towards Reducing Diagnostic Disparities in Your Environment. Society to Improve Diagnosis in Medicine DEM 14<sup>th</sup> Annual International Conference. Virtual International. (10/26/2021) Session Organizer
- 2019 **McDonald K.** Summarizing Patient and Family Perspectives on Diagnostic Error – Historical Overview. Presented at the 2nd Australasian Diagnostic Error in Medicine Conference. Melbourne, Australia. (04/28/2019).
- 2019 **McDonald K.** Bedside to Boardroom: The Roles Patients and Communities Can Play in Supporting Diagnostic Excellence. Presented at the 2nd Australasian Diagnostic Error in Medicine Conference. Melbourne, Australia. (04/28/2019).
- 2019 **McDonald K.** Diagnostic Safety and Quality: A Researcher’s Journey with Patients, Families, & Healthcare Professionals. Presented at the Australian Commission on Safety and Quality in Health Care. Sydney, Australia. (04/24/2019).
- 2016 **McDonald K.** Session Chair. Oral Abstracts: Health services, outcomes & policy research. 6th Biennial European Conference. London, United Kingdom of Great Britain and Northern Ireland (the). (06/2016).
- 2014 **McDonald K.** Evaluating Strategies and Practices that Deliver: From Behaviors to the Critical Role of Measurement. University College Dublin, Ireland. Dublin, Ireland. (01/16/2014).
- 2012 **McDonald K.** 10th Annual Meeting of the Quality Improvement Research Network (QIRN). Discussant. The Karolinska Institutet. Stockholm, Sweden. (06/04/2012).
- 2012 **McDonald K.** The Contribution of Evidence Review to Improving Health Care. Karolinska Institutet Medical Management Centre 10th Anniversary Conference on Translational Research, Knowledge Translation and Implementation Science. Stockholm, Sweden. (05/29/2012).
- 2012 **McDonald K.** Care Coordination Measurement Landscape. Seminar Medical Management Centre, The Karolinska Institutet. Stockholm, Sweden. (05/28/2012).
- 2010 **McDonald K.** Presidential Address: SMDM as a Catalyst—Personally, Professionally, Playfully and Powerfully. Society for Medical Decision Making Annual Conference. Canada. (10/26/2010).
- 2003 **McDonald K.** Health Care Quality and Safety Measures Based on Administrative Data: From Development to Application. Workshop with co-presenters: Romano PS, McBride S. International Society for Quality in Health Care.. United States of America (the). (11/05/2003).
- 1999 **McDonald K.** Health Economics Implications of Treatment of Coronary Events. The XV International Scientific Meeting of the International Epidemiological Association. Florence, Italy. (09/03/1999).

1999 **McDonald K.** A Global Analysis of Technological Change in Health Care: Heart Attacks. The XV International Scientific Meeting of the International Epidemiological Association. Florence, Italy. (09/03/1999).

## National

- 2024 **McDonald K.** Women as they Age: Next Equity Frontier. Salzburg Global Seminar. (1/16-19/2024) San Diego, CA. Speaker/ Facilitator/Participant.
- 2023 **McDonald K.** Advancing Diagnostic Excellence in Maternal Health. National Academies of Science, Engineering, Medicine. (7/27/2023) Irvine, California. Speaker.
- 2022 **McDonald K.** Equity in Diagnosis and Strategies to Mitigate Disparities (Workshop Session). Lessons Learned from the COVID-19 Pandemic to Improve Diagnosis. National Academies of Science, Engineering, Medicine. Virtual (1/14/2022). Session Leader and Moderator.
- 2021 **McDonald K.** Equity in Diagnosis and Strategies to Mitigate Disparities (Workshop Session). Achieving Excellence in *Cancer Diagnosis*. National Academies of Science, Engineering, Medicine. Virtual (10/6/2021). Session Leader and Moderator.
- 2021 **McDonald K.** Equity in Diagnosis and Strategies to Mitigate Disparities (Workshop Session). Achieving Excellence in Diagnosis of *Acute Cardiovascular Events*. National Academies of Science, Engineering, Medicine. Virtual (4/23/2021). Session Leader and Moderator.
- 2021 **McDonald K.** Understanding Diagnosis: Mapping Diagnostic Error. Convening on Missed and Delayed Diagnosis of Heart Disease in Women (WomenHeart, SIDM and PCORI). Virtual. (1/27/2021). Speaker.
- 2020 **McDonald K.** Relational Coordination Research Collaborative Roundtable. Fostering Worker Well Being and Development. Virtual. (11/05/2020). Moderator
- 2020 **McDonald K.** Society to Improve Diagnosis in Medicine. Breaking Down Silos: Patients as Co- Producers of Better Diagnosis in Practice, Delivery Systems & Research. Virtual. (10/20/2020). Speaker, Session Organizer
- 2020 **McDonald K.** Society to Improve Diagnosis in Medicine. Lunch & Learn: Network with the Center for Diagnostic Excellence at Johns Hopkins. Virtual. (10/19/2020). Speaker
- 2020 **McDonald K.** Society for Medical Decision Making. COVID-19 Decision Modeling Initiative Keynote Panel with Dr. Harvey Fineberg (President, Moore Foundation. Virtual. (10/06/2020). Session Leader and Moderator
- 2020 **McDonald K.** System Improvement Effort for Diagnostic Excellence (Workshop Session). Achieving Excellence in Sepsis Diagnosis. National Academies of Sciences, Engineering, Medicine. Session Leader and Moderator
- 2018 **McDonald K.** Applying Implementation Science to Closing Quality Gaps Related to Diagnosis in Ambulatory Settings. Department of Population Health Science. Duke University. Durham, North Carolina, United States of America (the). (07/10/2018).
- 2018 **McDonald K.** Importance of Quality Measures in Health Care. Operationalizing Innovation Colloquium. Harvard University at Google. Mountain View, California, United States of America (the). (06/14/2018).
- 2018 **McDonald K.** Applying the Conceptual Framework on Improving Diagnosis from the National Academies to Two Studies of Ambulatory Care Organizations. Department of Health Policy and Management Seminar at the Gillings School of Global Public Health. University of North Carolina. Chapel Hill, North Carolina, United States of America (the). (03/09/2018).

- 2018 **McDonald K.** Using the Conceptual Framework on Improving Diagnosis from the National Academies for Ambulatory Care Organizations Research. School of Public Health Seminar. The Ohio State University. Columbus, Ohio, United States of America (the). (01/30/2018).
- 2018 **McDonald K.** Applying the Conceptual Framework on Improving Diagnosis from the National Academies to Study Ambulatory Care Organizations. Department of Health Policy and Management Seminar at Mailman School of Public Health. Columbia University. New York, New York, United States of America (the). (01/24/2018).
- 2018 **McDonald K.** Using the Conceptual Framework on Improving Diagnosis from the National Academies for Ambulatory Care Health Services Research. HSR Career Development Seminar. University of Texas. San Antonio, Texas, United States of America (the). (01/18/2018).
- 2017 **McDonald K.** Integrating Implementation Science and Organization Science. Organization Theory in Health Care Association. Annual Conference, 2017. Berkeley, California, United States of America (the). (06/16/2017).
- 2016 **McDonald K.** "Value and Safety," Health Policy through 2020: The ACA, Payment Reform and Global Challenges, sponsored by Stanford Health Policy. Stanford, California, United States of America (the). (10/14/2016).
- 2016 **McDonald K.** Research and Practice as Bedfellows: Analysis of Cases of Organizational Change from The Relational Coordination Research Collaboration Interventions Registry. Sixth Annual Relational Coordination Research Collaborative (RCRC) Roundtable Conference. Portland, Oregon, United States of America (the). (10/2016).
- 2015 **McDonald K.** Patient Safety: Get the Diagnosis Right. The Fifth Annual Lundberg Institute Lecture. The Commonwealth Club. San Francisco, California, United States of America (the). (11/10/2015).
- 2015 **McDonald K.** What Have We Learned? What Comes Next? Healthy and Thriving Workplaces and Communities – The Role of Relational Coordination. Fifth Annual Relational Coordination Research Collaborative (RCRC) Roundtable Conference. New York, New York, United States of America (the). (10/2015).
- 2014 **McDonald K.** Relational Coordination and the Future of Patient Focused Care. Compassion and Health Care Conference. San Francisco, California, United States of America (the). (11/12/2014).
- 2014 **McDonald K.** "Deep" Root Cause Analysis: Patient and Professional Dialog on Diagnostic Errors? (moderator/session convener). Diagnostic Error in Medicine. Atlanta, Georgia, United States of America (the). (09/15/2014).
- 2014 **McDonald K.** Patient Summit: How to Reduce Chances of Misdiagnosis (moderator/session convener). Diagnostic Error in Medicine. Atlanta, Georgia, United States of America (the). (09/14/2014).
- 2013 **McDonald K.** A Window to Community-based Population Health: Emergency Department Community Indicator Development for National Surveillance and Local Action. Population Health Sciences Colloquium. Stanford, California, United States of America (the). (09/26/2013).
- 2013 **McDonald K.** Cancer Care Coordination Measures: What is Measured...Gets Done (or Gets Attention). Symposium 17: Coordinating Cancer Care at Society for Behavioral Medicine Annual Conference. San Francisco, California, United States of America (the). (03/21/2013).
- 2012 **McDonald K.** Care Coordination Quality Improvement Measures: Building an Evidence Base. San Antonio, Texas, United States of America (the). (07/2012).
- 2012 **McDonald K.** The Closing the Quality Gap Series: Revisiting the State of the Science Using Systematic Reviews. 2012 Academy for Healthcare Improvement's Conference on Advancing the

- Methods for Healthcare Quality Improvement Research. Arlington, Virginia, United States of America (the). (05/2012).
- 2012 **McDonald K.** Sg2 and Modern Healthcare Luncheon & Forecasting Panel. 2012 MacEachern Symposium: What Happened to Altruism in Healthcare?. Evanston, Illinois, United States of America (the). (04/25/2012).
- 2012 **McDonald K.** Mapping the Care Coordination Measures Landscape. Health Services Research Seminar at the University of Pittsburgh. Pittsburgh, Pennsylvania, United States of America (the). (04/17/2012).
- 2011 **McDonald K.** Transdisciplinary approach to health care problems and decision making. USA Clinical-Counseling Doctoral Program Grand Rounds and USA Department of Psychology Colloquium Series at the University of Southern Alabama. Mobile, Alabama, United States of America (the). (10/31/2011).
- 2011 **McDonald K.** Measuring Interventions and their Impact. Relational Coordination Research Collaborative Roundtable. Cambridge, Massachusetts, United States of America (the). (10/28/2011).
- 2011 **McDonald K.** How Much Diagnostic Safety Can We Afford? Diagnostic Error in Medicine (DEM) Annual Conference. Chicago, Illinois, United States of America (the). (10/26/2011).
- 2011 **McDonald K.** Health System Measurement in Accountable Care: Current Landscape and Future Directions. Indiana University Health Presents: Measurement Summit: Developing Measures and Teamwork for Accountable Care. Indianapolis, Indiana, United States of America (the). (07/30/2011).
- 2011 **McDonald K.** Forecasting Panel. 2011 MacEachern Symposium: Re-Forming Healthcare After Health Reform: ACOs and Other Innovations in Healthcare. Evanston, Illinois, United States of America (the). (05/11/2011).
- 2011 **McDonald K.** Measuring Context in Health Care Quality Improvement (QI) Interventions. Academic Pediatric Association Conference for Pediatric Quality Improvement Methods, Research and Evaluation. Denver, Colorado, United States of America (the). (04/29/2011).
- 2009 **McDonald K.** Governance and the Delivery of Public Health Services. Center on Democracy, Development, and the Rule of Law (CDDRL). Draper Hills Summer Fellows Program in conjunction with Global Health Corps Training Program. Stanford, California, United States of America (the). (07/29/2009).
- 2009 **McDonald K.** Outcomes for Our Health System in 20 Years. 3rd Annual Haas Business of Health Care Conference. Berkeley, California, United States of America (the). (02/08/2009).
- 2007 **McDonald K.** Executive Summary of AHRQ Evidence Report on Care Coordination. American College of Physicians-Society of General Internal Medicine-Society of Hospital Medicine Transitions of Care Consensus Conference. Philadelphia, Pennsylvania, United States of America (the). (07/11/2007).
- 2007 **McDonald K.** Care Coordination—Evidence-based Practice Center’s Report: Definitions, Theoretical Frameworks and Relationship to Transitions/Handovers and Information Exchange. ABIM Foundation’s Stepping Up to the Plate Transitions/Handovers Expert Meeting. Philadelphia, Pennsylvania, United States of America (the). (03/07/2007).
- 2006 **McDonald K.** Evidence-based Practice Centers. Research and Context. Palo Alto Research Center. Palo Alto, California, United States of America (the). (12/12/2006).
- 2006 **McDonald K.** Evidence-based Medicine Method and Projects at the Stanford-UCSF EPCs. Professionalism in Contemporary Practice. Stanford, California, United States of America (the). (09/15/2006).

- 2006 **McDonald K.** Assessing Pediatric Healthcare Quality in U.S. Hospitals and Regions Using Readily Available Administrative Data. HCOO<sub>4</sub> Fourth Annual Bay Area Health Care Quality and Outcomes Conference. San Francisco, California, United States of America (the). (05/25/2006).
- 2006 **McDonald K.** Validating the AHRQ Patient Safety Indicators: Current Uses and Research. Eighth Annual National Patient Safety Foundation Congress. San Francisco, California, United States of America (the). (05/11/2006).
- 2006 **McDonald K.** Development of Pediatric Quality Indicators Based on Hospital Administrative Data.. Pediatric Academic Societies' 2006 Annual Meeting. San Francisco, California, United States of America (the). (04/26/2006).
- 2006 **McDonald K.** Center for Demography, Economics and Health in Aging (CDEHA) Research. American Society of Health Economists' first annual conference. University of Wisconsin-Madison. Madison, Wisconsin, United States of America (the). (01/07/2006).
- 2005 **McDonald K.** Overview of the Pediatric Quality Indicators Module. AHRQ Quality Indicators Users Meeting. Stanford, California, United States of America (the). (09/26/2005).
- 2005 **McDonald K.** Development, Refinement and Ongoing Validation of the AHRQ Quality Indicators. Kaiser Division of Research Seminar. Oakland, California, United States of America (the). (05/03/2005).
- 2005 **McDonald K.** Development of Pediatric Quality Indicators using Hospital Discharge Data. Stanford University Center for Primary Care and Outcomes Research. Stanford, California, United States of America (the). (02/02/2005).
- 2004 **McDonald K.** Closing the Quality Gap: Care Coordination. Evidence-based Practice Centers Annual Directors' Meeting, United States of America (the). (11/05/2004).
- 2004 **McDonald K.** Data Workshop—HCUP and AHRQ Quality and Patient Safety Indicators. 10th Annual NRSA Trainees Research Conference. San Diego, California, United States of America (the). (06/05/2004).
- 2004 **McDonald K.** Benchmarks and Handbook for Regional Planners: Evidence on Regionalization of Bioterrorism Response. AHRQ User Liaison Program for senior Federal, State Benchmarks and Handbook for Regional Planners: Evidence on Regionalization of Bioterrorism Response. Chicago, Illinois, United States of America (the). (05/18/2004).
- 2003 **McDonald K.** Quality Indicators for Inpatient Care, Patient Safety and Avoidable Hospitalizations: Building a Bridge from Indicator Development to User Applications. 5th International Conference on the Scientific Basis of Health: Global Evidence for Local Decisions, United States of America (the). (09/22/2003).
- 2003 **McDonald K.** Series of Patient Safety Climate presentations. Executive Teams at CHP/PCOR Patient Safety Consortium hospitals (numerous hospitals in Southern and Northern California. Southern and Northern, California, United States of America (the). (06/2003).
- 2003 **McDonald K.** AHRQ Quality Indicators Workshop. American Association of Health Plans. Atlanta, Georgia, United States of America (the). (04/30/2003).
- 2003 **McDonald K.** Patient Safety Surveillance Using Hospital Discharge Data: Opportunities and Obstacles. Stanford University Center for Primary Care and Outcomes Research. Stanford, California, United States of America (the). (01/29/2003).
- 2002 **McDonald K.** Patient Safety Indicators: Identifying Potential Preventable Complications Using Hospital Discharge Data. Patient Safety Seminar VHA West Coast. Pleasanton, California, United States of America (the). (12/19/2002).

- 2002 **McDonald K.** Health Services Research 101: Systematic Review Methods Used at the Stanford-UCSF Evidence- Based Practice Center. Primary Care and Outcomes Research. Stanford, California, United States of America (the). (07/24/2002).
- 2001 **McDonald K.** Discussion on Applying the Findings of the Agency for Healthcare Research and Quality Evidence Report: "Making Health Care Safer: A Critical Analysis of Patient Safety Practices.". Department of Veterans Affairs and Quality Interagency Coordination Task Force conference, Effective Practices to Improve Patient Safety, Summit 2001, United States of America (the). (09/2001).
- 2001 **McDonald K.** Overview of "Making Health Care Safer: A Critical Analysis of Patient Safety Practices". National Quality Forum Safe Practices Committee meeting, United States of America (the). (07/18/2001).
- 2000 **McDonald K.** Measuring Health Care and its Determinants. Population Association of America 2000 Annual Meeting. Los Angeles, California, United States of America (the). (03/23/2000).
- 1999 **McDonald K.** Technological Change in Health Care (TECH) Research Network. 16th Annual Meeting Association for Health Services Research. Chicago, Illinois, United States of America (the). (06/28/1999).
- 1998 **McDonald K.** Trends in Hospital Treatment of Ventricular Arrhythmias Among Medicare Beneficiaries, 1986-1994. American Heart Association 71st Scientific Sessions. Dallas, Texas, United States of America (the). (11/08/1998).

#### **Regional/Local**

- 2021 **McDonald K.** Systems Science for Primary Care. GIM Grand Rounds. Baltimore, MD (12/17/2021). Speaker
- 2021 **McDonald K. & Nick Reed, Au.D.** Responses to Hearing Loss at the Bedside: How to Get Beyond the Pocket Talker. School of Nursing, The Center for Innovative Care in Aging. Baltimore, MD (12/07/2021). Speaker
- 2021 **McDonald K.** We are the Future of Healthcare: SOM, SON, MCEH and More. Malone Center for Engineering in Healthcare (MCEH) Annual Retreat. Baltimore, MD (11/29/2021). Speaker
- 2021 **McDonald K.** At the Intersection of Disparities and Diagnostic Excellence: Better Care for EVERYONE. Armstrong Institute for Patient Safety and Quality. Center for Diagnostic Excellence Summit. Virtual. (6/2/2021). Speaker
- 2021 **McDonald K.** Coordinating Care across the Continuum: Applying Research to Practice. Grand Rounds, Physical Medicine and Rehabilitation (Johns Hopkins School of Medicine). Virtual. Baltimore, Maryland. (5/26/2021). Speaker
- 2021 **McDonald K.** Is Organizations Research the Key to Closing Quality and Equity Gaps? Leadership, Management and Organizations in HSR Series. Center for Health Services and Outcomes Research (CHSOR, Johns Hopkins Bloomberg School of Public Health). Virtual. Baltimore, Maryland. (4/13/2021). Speaker
- 2021 **McDonald K.** Innovating in Interdisciplinary Implementation Science Methods. Health Literacy Faculty Interest Group (Johns Hopkins School of Nursing). Baltimore, Maryland. (1/21/2021). Speaker
- 2021 **McDonald K.** Care Coordination and Patient Reported Measures. Stroke Institute Therapy Conference. (Johns Hopkins School of Medicine). Virtual. Baltimore, Maryland. (1/25/2021). Speaker
- 2020 **McDonald K.** COVID-19 with Dr. Anthony Facui; Panel 2-The Pandemic in 2021: Setting policy priorities on filling evidence gaps. Johns Hopkins School of Nursing and COVID-19 Decision



- Modeling Initiative (CDMI) with Society for Medical Decision Making. Virtual. Baltimore, Maryland. (11/20/2020). Organizer, Moderator
- 2020 **McDonald K.** Care Coordination: Yesterday, Today and Tomorrow. General Internal Medicine (GIM) Fellowship Noon Conference (Johns Hopkins School of Medicine). Virtual. (10/05/2020). Speaker
- 2018 **McDonald K.** Making Quantum Leaps in Population Health: Transdisciplinary Research and the Organizational Imperative. School of Nursing & School of Medicine. The Johns Hopkins University. Baltimore, Maryland, United States of America (the). (08/22/2018).
- 2016 **McDonald K.** How Organizational Factors Impact Diagnostic Safety. AHRQ Research Summit: Improving Diagnosis in Health Care Conference. Rockville, Maryland, United States of America (the). (09/28/2016).
- 2016 **McDonald K.** Once in a Lifetime: PSO Prerogative for Reducing Diagnostic Error. 8th Annual Meeting of Patient Safety Organizations Conference. Rockville, Maryland, United States of America (the). (04/2016).
- 2015 **McDonald K.** Patient Summit: Participate to Prevent Misdiagnosis and Diagnostic Errors – Where Do We Go From Here? – Policy, Payer and Practice Implications. Diagnostic Error in Medicine (DEM) Conference, United States of America (the). (09/2015).
- 2014 **McDonald K.** Patient and Family Engagement to Reduce Diagnostic Error. United States of America (the). (03/03/2014).
- 2012 **McDonald K.** Personal Reflections on a Prevalent Commonly Missed Diagnosis: Patient and Provider Exchange (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. Baltimore, Maryland, United States of America (the). (11/2012).
- 2012 **McDonald K.** Patient-Centered Communication (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. Baltimore, Maryland, United States of America (the). (11/2012).
- 2011 **McDonald K.** Selecting Care Coordination Measures for Primary Care Practice Assessment. AHRQ Annual Conference. Bethesda, Maryland, United States of America (the). (09/2011).
- 2010 **McDonald K.** So You Think You Can Coordinate Care? Prove It!: Care Coordination Measures Atlas Project. AHRQ 2010 Annual Conference. Bethesda, Maryland, United States of America (the). (09/27/2010).
- 2009 **McDonald K.** Meaningful Measures for Care Coordination: Building Blocks from Research Conducted for the Agency for Healthcare Research and Quality. NCVHS Testimony on Care Coordination Measures - Teleconference. United States of America (the). (10/13/2009).
- 2009 **McDonald K.** Research Informing Policy Informing Research: Continuous Quality Improvement and the AHRQ Quality Indicator. AHRQ 2009 Annual Conference. Bethesda, Maryland, United States of America (the). (09/14/2009).
- 2009 **McDonald K.** Development of Emergency Department Quality Indicators. AHRQ 2009 Annual Conference. Bethesda, Maryland, United States of America (the). (09/14/2009).
- 2008 **McDonald K.** Ongoing and Future Research on AHRQ Quality Indicators. AHRQ Annual Meeting. Bethesda, Maryland, United States of America (the). (09/10/2008).

#### Correspondence:

- 2013 Jaime Caro J, Eddy DM, Hollingworth W, Tsevat J, **McDonald KM**, Wong JB, Briggs AH, Siebert U, Kuntz KM. ISPOR-SMDM task force's recommendations for good modeling practices - Reply to letter to the editor by Corro Ramos. (6, vol. 16, pp. 1108). *Value in Health*. 09/01/2013. doi: 10.1016/j.jval.2013.06.016.

- 2009 Hlatky MA, Bravata DM, **McDonald KM**, Owens DK. CABG versus PCI for multivessel coronary artery disease - Authors' reply. (9682, vol. 373, pp. 2200). *The Lancet*. 06/26/2009. doi: 10.1016/S0140-6736(09)61192-2.
- 2006 Shojania KG, Ranji SR, **McDonald KM**, Grimshaw JM, Rushakoff RJ, Owens DK. In reply [8]. (22, vol. 296, pp. 2681). *Journal of the American Medical Association*. 12/13/2006.

### Participating Presentations/Conferences

#### **Presentations:**

**Kathryn McDonald** - Moving Knowledge Into Action Through Research/Practice Partnerships. RCC conference. October 26-28, 2023. Washington DC/Baltimore, MD.

**Kathryn McDonald**. Recovery after Stroke: State of the Science and Future Innovations conference: Care Coordination for High-Quality Health Care Delivery System. Continued Medical Education; Johns Hopkins School of Medicine Departments of Neurology and Physical Medicine and Rehabilitation, with support of the Sheikh Khalifa Stroke Institute. May 18, 2022.

Andrew Bindman, Derek Angus, Amesh Adalja, Suzanne Bakken, Marie-Carmelle Elie, Nicole Lurie, **Kathryn McDonald**, Kosali Simon, Saul Weingart: Lessons Learned from the COVID Pandemic to Improve Diagnosis Workshop. January 2022

**KM McDonald**: "How to use human-centered design to generate solutions towards reducing diagnostic disparities in your environment," – SIDM - Diagnostic Error in Medicine 14th Annual International Conference, Virtual, October 26, 2021.

**KM McDonald**, C. Berdahl and K. Gleason: Patient Reported Diagnostic Errors. SIDM - Diagnostic Error in Medicine 14th Annual International Conference, Virtual, October 27, 2021.

Kim, JG, HP Rodriguez, ES Holmboe, **KM McDonald**, L Mazotti, DR Rittenhouse, SM Shortell, MH Kanter, Assessing the Reliability of HEDIS Quality Performance among Graduate Medical Education Programs, AAMC Annual Meeting – Research Abstract (oral presentation), Accepted for 2021

Kim, JG, E Holmboe, M Kanter, L Mazotti, **KM McDonald**, CG Morris. Patient-centric GME: Innovations in health systems to improve patient continuity, resident competency, and program social accountability, AMA ChangeResEd Conference, October 2020.

Kim, JG, HP Rodriguez, **KM McDonald**, L Mazotti, E Holmboe, MH Kanter. The Reliability of Resident and Program-Level Performance Measurement in Primary Care Graduate Medical Education, AcademyHealth Annual Research Meeting, July 2020.

Kanter MH, JG Kim, L Mazotti, **KM McDonald**, E Holmboe, Illuminating quality metrics' utility in Graduate Medical Education to link learning with patient care outcomes , ACGME Annual Meeting, San Diego, CA, February 2020.

Kanter MH, L Mazotti, JG Kim, **KM McDonald**, E Holmboe, Illuminating quality metrics' utility in GME to link learning with patient care outcomes, USC 17<sup>th</sup> Annual 2020 Innovations in Medical Education Conference, San Gabriel, CA, February 2020.

Kanter MH, JG Kim, L Mazotti, **KM McDonald**, E Holmboe, Performance and Learning: Exploring the use of quality metrics in graduate medical education, AAMC Annual Meeting – Highlights in Medical Education: Curriculum & Assessment (oral presentation), Phoenix, AZ, November 2019.

**Public and Professional Service:**

2023-Present	Planning Committee, National Academy of Medicine (NAM), Forum on Diagnostic Excellence
2023-Present	Planning Committee, AcademyHealth Diagnostic Equity
2022	Review Coordinator, Caring for People with Serious Illness during the COVID-19 Pandemic: Lessons Learned and Future Directions. National Academy of Medicine (NAM)
2021-Present	External Reviewer, Patient Safety Masters Program. Imperial College London
2021-Present	Chair, Rational Coordination Collaborative Advisory Board
2021-Present	Advisory Committee Member, National Academy of Medicine (NAM), Scholars in Diagnostic Excellence Program
2021-Present	Planning Committee Member, National Academy of Medicine (NAM), Diagnostic Excellence Workshop Series.
2020-Present	Invited Member (8-10/year), Woman of Impact for Healthcare, Leaders in Health and Healthcare
2019-Present	Co-Chair, Ad Hoc Covid-19 Decision Modeling Committee, Society for Medical Decision Making (SMDM)
2019-2020	Committee Member, Diagnostic Quality and Safety Measures Committee, National Quality Forum
2019	Advisory Panel, VA Health Services Research and Development (HSR&D) Investigator Initiated Research on (IIR) Care Fragmentation
2019	Fellow Selection Committee, Society for Medical Decision Making (SMDM)
2018-2019	Advisory Panel, Learning Health Systems Infrastructure for Diagnostic Excellence, University of Michigan and Moore Foundation
2018	Review Coordinator, National Academies of Medicine (NAM) Implementing Quality Measures for Accountability in Community-based Care for People with Serious Illness: Proceedings of a Workshop
2018	Research Mentor, Patients Improving Research in Diagnosis, Society to Improve Diagnosis in Medicine (SIDM)
2017-2018	Chair, Models and Measures Working Group for VA State of the Art (SOTA) on Care Coordination
2017 - 2021	International Expert Advisor, Australian Health Care Homes Evaluation, Health Policy Analysis
2017-2019	Committee Member, Diagnostic Accuracy Committee, National Quality Forum (NQF)
2016-Present	Member (Past Chair), Patient Engagement Committee, Society to Improve Diagnosis in Medicine (SIDM)

2017	Reviewer, Patient Safety Centers of Inquiry Review Panel, VA National Center for Patient Safety
2016 -2021	Board Chair, Relational Coordination Research Collaboration, Brandeis University
2016 - Present	Member, Policy Committee, Society to Improve Diagnosis in Medicine (SIDM)
2016	Technical Expert Panel Member, Care Coordination Measures Based on Medicare Advantage
2014-2016	Institute of Medicine (IOM) Committee Member, Diagnostic Errors in Healthcare (Improving Diagnosis)
2013-2016	Chair (Founding), Patient Engagement Committee, Society to Improve Diagnosis in Medicine (SIDM)
2006-2016	Executive Committee Member, Congestive Heart Failure QUERI, Department of Veterans Affairs
2014-2015	Network Co-Host, Relational Coordination Research Collaboration
2011-2015	Executive Board (Measurement Expert), Relational Coordination Research Collaboration
2010-2015	Planning Committee Member, Diagnostic Errors in Medicine Annual Meetings
2014	Associate Editor, Diagnosis
2014	Member, Research Committee, Society to Improve Diagnosis in Medicine (SIDM)
2012-2014	Member, Academy for Healthcare Improvement
2009-2014	Institute of Medicine (IOM) Committee Member, Pediatric Health and Health Care Quality Measures (Measures that Matter)
2012	Reviewer, Patient Centered Outcomes Research Institute (PCORI) Study Section
2012	Associate Editor, AHRQ Effective Health Care Program
2011-2012	Associate Editor, BMJ Quality & Safety
2010-2011	Technical Expert Panel Member, Oregon Evidence-based Practice Center
2010-2011	Past-President, Board of Trustees, Society for Medical Decision Making (SMDM)
2009-2010	President, Society for Medical Decision Making (SMDM)
2008-2009	President-Elect, Society for Medical Decision Making (SMDM)
2008-2009	Chair, Finance Committee, Society for Medical Decision Making (SMDM)
2006-2007	Chair, Society for Medical Decision Making (SMDM) Executive Director Search Committee
2006	Global Health Indicators Working Group Member, Center for Global Development
2004-2005	Vice-President, Society for Medical Decision Making (SMDM) Board of Trustees
2004-2005	Chair, Education Committee, Society for Medical Decision Making (SMDM)
2002-2005	Past Chair, Publications Committee, Society for Medical Decision Making (SMDM)
2002-2005	Editorial Board, Medical Decision Making (MDM)
2003-2004	Vice-President Elect, Society for Medical Decision Making (SMDM) Board of Trustees
2001-2003	Secretary-Treasurer, Society for Medical Decision Making (SMDM) Board of Trustees

2002	Reviewer, Agency for Healthcare Research and Quality Contract Proposal Review Committee
1999-2002	Chair, Publications Committee, Society for Medical Decision Making (SMDM)
2000-2001	Secretary-Treasurer Elect, Society for Medical Decision Making (SMDM) Board of Trustees
1998-1999	President, Mountain View Schools Fund (MVSF) Board
1998	Reviewer, Health Services Research, Health Affairs, Medical Care, JAMA, and others
1998	Chair, MVSF "Tools for Schools" Fundraising Campaign (\$100K/year raised)
1994	Member, Society for Medical Decision Making (SMDM)

**Memberships:**

2022-2023	Society for Causal Inference
2021- 2022	International Society for Quality of Life Research (ISOQOL)
2021-2023	Academy of Management (AOM)
2021-2022	Society to Improve Diagnosis in Medicine (SIDM)
2021-2022	Relational Coordination Collaborative (RCC)
2020-2021	Academy Health
2020-2021	American Academy of Nursing
2020-2021	Society for Medical Decision Making (SMDM)

## CURRICULUM VITAE

### Part 2

#### EDUCATIONAL ACTIVITIES

##### Classroom Instruction

##### Johns Hopkins University

- 2021-Present Guest Lecturer/Course Contributor. School of Nursing, General Internal Medicine, Carey School of Business, Health Policy and Management in Bloomberg School of Public Health, Malone Center for Engineering in Healthcare.
- 2021-2024 April Quality Module for Leading Transformation for Value-Based Health Care (LTVH). Carey Business School. Lecturer

##### Stanford University/Center for Health Policy

- Fall 2019 Evidence-based Medicine Methods. Individualized training, research practicums and mentorship within Evidence-based Practice Center (EPC) Program. (1997-2019). Graduate.
- Health Research and Policy 254: Quality and Safety in U.S. Healthcare. Guest lecturer on patient safety and quality. Winter Quarter, 2017, Autumn Quarter 2018, 2019. Graduate.
- Health Research and Policy 208 Issues and Methods Part II: annual guest lecturer on patient safety and quality; systematic reviews and meta-analysis. Guest lecturing and consulting on curriculum as needed, 2007- 2019. Graduate.
- Measurement Methods. Individualized training, research practicums and mentorship within Quality and Safety Program at CHP/PCOR. 1997-2019. Graduate.
- Spring 2018 Health Research and Policy 246: Seminar in Healthcare Quality and Safety. Guest lecturer on diagnostic safety. Spring, 2018. Graduate.

##### Stanford University/Office of Health Policy

- Spring 2018 Health Research and Policy 201B: Health Policy PhD Seminar II First Year. Guest lecturer on patient safety and quality. Spring Quarter, 2016, 2017, 2018. Graduate.

##### Takatsuki High School, Japan

- Fall 2015 Freeman Spogli Institute (FSI) Stanford Program on International and Cross-Cultural Education (SPICE) Autumn Quarter, 2015. Independent Academic Work.

##### Stanford University/Center of Health Policy

- Fall 2006 Health Research and Policy 207: Issues and Methods of Health Services and Policy Research, Fall Quarter, 2003-2006. Graduate.

##### Educational Services

##### Imperial College London

- Winter 2021 Masters of Science in Patient Safety. External Examiner (4 year term, initial review)

**Mentoring and Advisement (Johns Hopkins University Schools noted):**

NAM Scholars in Diagnostic Excellence (Dx Ex): Dr. Linda Geng (Stanford), 2021; Dr. Vinita Parkash (Yale), 2023; Dr Susan Peterson (Hopkins), 2024

SIDM Fellows in Diagnostic Excellence at Hopkins: Dr. Sarah Slone (SON), 2021; Dr Vadim Dukhanin, (BSPH), 2023

IHI Fellow in Diagnostic Excellence at Hopkins -Dr. Ahmed Hassoon (BSPH), 2024

Center for Innovative Care in Aging (SON): junior faculty, graduate students; 2021-2022

Center for Equity in Aging (SON): junior faculty, graduate students; 2023-Present

Malone Center for Engineering in Healthcare (WSE): junior faculty, graduate students; 2021-Present

HOUR Summer Program (Undergraduates): 8 undergraduates, 2020; 4 undergraduates, 2022; 3 undergraduates, 2023

GIM Fellowship Weekly Meeting (SOM): internal medicine research fellows; 2020-Present

Armstrong Institute for Quality and Patient Safety (SOM/SON): junior faculty, graduate students; 2020-Present

Center for Diagnostic Excellence: junior faculty, graduate students, 2020-Present

Hopkins Business of Health Initiative (Carey/SON/SOM/BSPH): junior faculty, graduate students; 2020-Present

Knowledge-to-Action and Business of Health (KABOH) Cluster: junior faculty; 2022-Present

**Doctoral Trainees:**

Michael Angelakos - (SPH School-wide Exam/ dissertation advisor, and on committee) (DrPH), 2022

Rebecca Oja (SPH School-wide Exam) (DrPh, SPH)

Elizabeth Woodcock (SPH School-wide Orals, Chair) (DrPh, SPH)

Kisha Ali (HPM Departmental Orals; School-wide Exam) (PhD, SPH)

Danielle Ellerbee (Focus Area Advisor) (DNP, SON)

Mary Jo Gamper (Doctoral Advisor) (PhD, SON)

Bridget Hatton (Doctoral Advisor) (DrPh, BSPH)