

**EMORY UNIVERSITY SCHOOL OF MEDICINE
STANDARD CURRICULUM VITAE**

Revised: *August 2, 2023*

1. **Name:** Michal Horný

2. **Office Address:** Emory University
1930-001-1AV
101 Woodruff Circle
Woodruff Memorial Research Building, Suite 1215A
Atlanta, GA 30322

Telephone: (404) 727-7791

Fax: n/a

3. **E-mail Address:** michal.horny@emory.edu

4. **Citizenship:** Citizen of the Czech Republic, permanent resident of the USA

5. **Current Titles and Affiliations:**

a. Academic Appointments:

i. Primary Appointments:

Assistant Professor of Radiology and Imaging Sciences, Emory University School of Medicine,
2017–present

ii. Joint and Secondary Appointments:

Affiliate, Health Economics and Analytics Lab (HEAL), Georgia Institute of Technology, 2020–
present

Assistant Professor of Health Policy and Management, Emory University Rollins School of Public
Health, 2021–present

Assistant Professor of Biostatistics and Bioinformatics, Emory University Rollins School of Public
Health, 2022–present

6. **Previous Academic and Professional Appointments:**

Research Assistant, Boston University Questrom School of Business, 2012–2013

Data Manager/Analyst, Boston Medical Center, 2013–2014

Visiting Researcher, Harvey L Neiman Health Policy Institute, American College of Radiology,
2016

Director, Health Services Research Core Curriculum, Emory University School of Medicine and
Georgia Clinical & Translational Science Alliance, 2018–2019

Affiliate Research Fellow, Harvey L Neiman Health Policy Institute, American College of
Radiology, 2018–2022

7. Education:

Bc (Financial Mathematics), Charles University, Prague, Czech Republic, 2004–2008

Bc (Economic Theories), Charles University, Prague, Czech Republic, 2005–2010

MSc (Stochastics and Financial Mathematics), VU University, Amsterdam, Netherlands, 2011–2012

PhD (Health Services Research), Boston University, Boston, MA, 2012–2017

8. Continuing Professional Development Activities:

Advanced Responsible Conduct of Research, Boston University, 2012–2013

Preparing Doctoral Students to Teach, Boston University School of Public Health, 2013

Storytelling with Data, Boston University College of Communication, 2015

Design and Analysis of a Discrete-Choice Experiment: An Introduction, EUHEA 12th European Conference on Health Economics, Maastricht, Netherlands, July 2018

Hands-on Model Calibration in R, SMDM 40th Annual Meeting, Montreal, QC, Canada, October 2018

Learning to Be Better Teachers, Emory University School of Medicine, 2019

Junior Faculty Development Course, Emory University School of Medicine, 2019

Translational Education and Mentoring in Science (TEAMS), Georgia Clinical & Translational Science Alliance, 2019–2020

9. Committee Memberships:

a. National and International:

Member, Utilization Committee, Clinically Oriented Academic Radiology Department Research Initiative, 2018

b. Regional:

Member, The Georgia All-Payer Claims Database (APCD) Advisory Committee established by O.C.G.A. §31-53-41, Data Use Agreements Subgroup, 2022–present

c. Institutional:

Student Member, Research Committee, Boston University School of Public Health, 2015–2016

Member, Merative MarketScan[®] Research Databases Governance Committee, Emory University School of Medicine, 2017–present

Member, School of Medicine Research Strategic Plan Development – Population Research and Data Sciences Stakeholder Team, Emory University School of Medicine, 2018

Member, Department of Health Policy and Management Education Committee, Emory University Rollins School of Public Health, 2022–present

Member, Search Committee for the Chair of the Department of Health Policy and Management, Emory University Rollins School of Public Health, 2023–present

10. Peer Review Activities:

a. Grants:

i. Institutional:

Reviewer, Research Committee, Boston University School of Public Health, 2015–2016

Reviewer, Student-Initiated Project Grants in Healthcare Innovation, Emory-Georgia Tech Healthcare Innovation Program, Georgia CTSA, 2020–present

Reviewer, Seed Grant Awards, Emory-Georgia Tech Healthcare Innovation Program, Georgia CTSA, 2021–present

Reviewer, Woodruff Health Sciences Center Synergy Awards, Emory University, 2021

b. Manuscripts:

American Journal of Preventive Medicine, 2021–present

BMC Health Services Research, 2020–present

The British Journal of Radiology, 2020–present

Cancer, 2019–present

Contemporary Clinical Trials Communications, 2019–present

Health Affairs, 2022–present

JAMA Network Open (paid statistical reviewer), 2021–present

JAMA Pediatrics, 2022–present

Journal of the American College of Radiology, 2017–present

Journal of Clinical Medicine, 2020–present

Journal of General Internal Medicine, 2021–present

Journal of Substance Use and Addiction Treatment, 2023–present

Journal of Women's Health, 2018–present

Medical Care, 2017–present

Medical Decision Making, 2019–present

Pediatric Pulmonology, 2018–present

PLOS One, 2019–present

Value in Health, 2021–present

c. Conference Abstracts:

i. National and International:

International Health Economics Association (iHEA) World Congress, Scientific Committee Review Panel, Milan, Italy, 2015

American Society of Health Economists, 6th Biennial Conference, Philadelphia, PA, 2016

Society for Medical Decision Making, 39th Annual North American Meeting, Pittsburgh, PA, 2017

Society for Medical Decision Making, 17th Biennial European Conference, Leiden, Netherlands, 2018

World Congress on Medical Physics & Biomedical Engineering, Prague, Czech Republic, 2018

Society for Medical Decision Making, 40th Annual North American Meeting, Montreal, Canada, 2018

International Health Economics Association (iHEA) World Congress, Scientific Committee Review Panel, Basel, Switzerland, 2019

AcademyHealth Annual Research Meeting, “Consumer Choice and Incentives” Review Committee, Washington, DC, 2019

Society for Medical Decision Making, 41st Annual North American Meeting, Portland, OR, 2019

International Health Economics Association (iHEA) World Congress, Scientific Committee Review Panel, *virtual*, 2021

AcademyHealth Annual Research Meeting, “Medicaid, Coverage, and Access” Review Committee, Washington, DC, 2022

AcademyHealth Annual Research Meeting, “Late-Breaking Abstracts” Review Committee, Washington, DC, 2022

International Health Economics Association (iHEA) World Congress, Scientific Committee Review Panel, Cape Town, South Africa, 2023

AcademyHealth Annual Research Meeting, “Medicaid, Coverage, and Access” Review Committee, Seattle, WA, 2023

ii. Regional:

Georgia Clinical & Translational Science Alliance, Southeast Regional Clinical and Translational Science Conference, *virtual*, March 4-5, 2021

11. Honors and Awards:

Tuition Scholarship, Boston University School of Public Health, Department of Health Law, Policy, and Management, 2012–2014

Teaching Fellowship, Boston University College of Arts and Sciences, Department of Mathematics and Statistics, 2014–2015

Travel Award to attend the 9th annual Coalition for Imaging and Bioengineering Research Medical Imaging Technology Showcase, Academy for Radiology & Biomedical Imaging Research, 2018

Alumnus of the Month, Charles University in Prague, Faculty of Social Sciences, Institute of Economic Studies, April 2018

Best Manuscript 2021 in Health Services Research and Policy, Journal of the American College of Radiology, for publication *Moreno CC, Goldman L, Duszak R, Yee J, Dachman AH, Horný M: "Use of Screening CT Colonography by Age and Race: A Study of Potential Access Barriers Related to Medicare Non-Coverage Based on Data from the American College of Radiology's National CTC Registry", Journal of the American College of Radiology, 2021 Jan; 18(1 Pt A):19-26*

Publication *Chen S, Shafer PR, Dusetzina SB, Horný M: "Annual Out-Of-Pocket Costs Cluster Within Short Time Intervals: Implications for Health Care Affordability", Health Affairs, 2021 Feb;40(2):274-280* was featured among the Top 10 Health Affairs articles from 2021 picked by the Editor-in-Chief Alan R. Weil: "Health Affairs In 2021: Editor's Picks," Health Affairs Forefront, January 14, 2022; URL: www.healthaffairs.org/doi/10.1377/forefront.20220113.741473

Favorite Faculty Award, Emory Rollins Student Government Association, December 15, 2022

12. Society Memberships:

Member, International Health Economics Association, 2011–present

Member, AcademyHealth, 2012–present

Member, American Statistical Association, 2014–2018

Member, American Society of Health Economists, 2015–present

Member, Society for Medical Decision Making, 2016–2020

Member, Council of Early Career Investigators in Imaging, The Academy for Radiology & Biomedical Imaging Research, 2018

Associate Member, Cancer Prevention and Control Program, Winship Cancer Institute of Emory University, 2018–present

Member, Association for Public Policy Analysis & Management, 2019–present

13. Organization of Conferences:

a. National and International:

i. Sessions as Chair:

Design, Uptake, and Effects of Health Insurance, APPAM 2020 Virtual Fall Conference, November 12, 2020 (session organizer)

Private Insurance Market Dynamics and Benefit Design in the Post-ACA Era, AcademyHealth Annual Research Meeting, Washington, DC, June 5, 2022

Late-Breaking Session – Considering Cost and Cost Burden, AcademyHealth Annual Research Meeting, Washington, DC, June 6, 2022

Health Care Price Transparency and Patient Cost-Sharing, International Health Economics Association (iHEA) World Congress, Cape Town, South Africa, July 12, 2023 (session organizer)

b. Regional:

i. Administrative Positions:

Planning Committee Member, 6th Annual Health Services Research Day, Emory University, 2018–2019

Planning Committee Member, 7th Annual Health Services Research Day, Emory University, 2019–2020 (*event canceled due to COVID-19*)

Planning Committee Co-Chair, 7th Annual Health Services Research Day, Emory University, 2020–2021

Planning Committee Chair, 8th Annual Health Services Research Day, Emory University, 2021–2022

Planning Committee Member, 9th Annual Health Services Research Day, Emory University, 2022–2023

Planning Committee Member, 10th Annual Health Services Research Day, Emory University, 2023–2024

ii. Sessions as Chair:

Outcomes of Healthcare, 5th Annual Health Services Research Day, Emory University, 2018

Structure of Care to Improve Population Health, 6th Annual Health Services Research Day, Emory University, 2019

14. Formal Teaching:

a. Graduate Programs:

i. Master's and PhD Programs:

Co-Instructor of Introduction to Statistical Computing (BS723), Boston University School of Public Health, 3 hours per week, 2015

Instructor of Introduction to Cost-Effectiveness Analysis (PM807), Boston University School of Public Health, 3 hours per week, 2016–2017

Instructor of Health Policy and Resource Allocation (HPM501), Emory University Rollins School of Public Health, 3 hours per week, 2021–present

Instructor of Statistical Methods I (BIOS500), Emory University Rollins School of Public Health, 3 hours per week, 2022–present

b. Other Categories:

Teaching Assistant of Current Affairs, Charles University in Prague, 2 hours per week, 2007–2009

Teaching Assistant of Health Economics, 3 hours per week per course, Boston University School of Public Health, 3 hours per week, 2013–2016

Teaching Assistant of Introduction to Cost-Effectiveness Analysis, 3 hours per week, Boston University School of Public Health, 2013–2015

Teaching Assistant of Lean Management, 3 hours per week, Boston University School of Public Health, 2014

Teaching Assistant of Operations Management in Health Care, 3 hours per week, Boston University School of Public Health, 2014

Teaching Assistant of Strategic Management of Healthcare Organizations, 3 hours per week, Boston University School of Public Health, 2013–2015

Teaching Assistant of Introduction to Biostatistics, 3 hours per week, Boston University School of Public Health, 2013–2014

Teaching Assistant of Intermediate Statistical Computing and Applied Regression Analysis, 3 hours per week, Boston University School of Public Health, 2014–2015

Senior Teaching Fellow/Instructor of Elementary Statistics, Boston University College of Arts and Sciences, 3 hours per week, 2014

Senior Teaching Fellow/Instructor of Applied Statistics, Boston University College of Arts and Sciences, 3 hours per week, 2015

15. Supervisory Teaching:

a. Thesis Committees:

1. Jana Votápková, “Essays on Health Economics and Health Policy”, PhD in Economics, Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague, 2020 (external reader)
2. Roy Chang, Honors Thesis, Emory College of Arts and Sciences, Quantitative Economics and Human Health, 2023–present (advisor)

b. Other:

1. Steven Chen, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2018–2020
2. Srikrupa Krishnan, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2018–2019
3. Daniel Chang, Research Volunteer, Emory University Rollins School of Public Health, 2018–2019; Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2019–2020
4. Sofía Angélica Tenorio Martínez, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2019–2020
5. Lauren Griffin, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2019–2020
6. Rami Eldaya, MD, MBA, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR), 2021
7. Catherine Lott, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2021–2022

8. Brae Mitchell, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2021–2023
9. Mohinee Mukherjee, Rollins Earn and Learn (REAL), Emory University Rollins School of Public Health, 2022
10. Mehrad Bastani, PhD, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), 2021–2022
11. Matthew N. Oshinski, Summer Intern, Emory University School of Medicine, 2022
12. Delaram Shakoor, MD, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), 2022–2023
13. Zhenyu Situ, Emory University Rollins School of Public Health, 2022
14. Neeti Patel, Emory University Rollins School of Public Health, 2023–present
15. Edediong Ekarika, Emory University Rollins School of Public Health, 2023–present

16. Lectureships, Seminar Invitations, and Visiting Professorships:

a. National and International:

1. “Workshop on Foundations in Health Economics”, Department of Biostatistics, Christian Medical College, Vellore, Tamil Nadu, India, December 3–5, 2019 (Visiting Faculty)
2. “The Brogdon Panel: Systems Thinking and Population Health in Radiology”, Association of University Radiologists, 68th Annual Meeting, Philadelphia, PA, April 23, 2020 (*meeting canceled due to COVID-19*)
3. “Decision Science Model”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR), Chicago, IL (*virtual*), February 4, 2021
4. “Economic Analyses in Radiology Comparative Effectiveness Research”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR), Chicago, IL (*virtual*), February 5, 2021
5. “Developing Concise Specific Aims”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR), Chicago, IL (*virtual*), May 12, 2021
6. “Decision Science Model”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), Chicago, IL (*virtual*), February 10, 2022
7. “Economic Analyses in Radiology Comparative Effectiveness Research”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), Chicago, IL (*virtual*), February 10, 2022
8. “Developing Concise Specific Aims”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR), Chicago, IL (*virtual*), May 18, 2022
9. “Different Sides of the Same Coin: Measuring Trade-Offs Between Clustered and Monthly Health Insurance Payments” (joint talk with Davene R. Wright, Ph.D., Harvard University), Stated Preferences Seminar Series, Health Economics Research Unit (HERU), King’s College, University of Aberdeen, United Kingdom (*virtual*), December 7, 2022
10. “Decision Science Model”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), Chicago, IL, February 2, 2023
11. “Economic Analyses in Radiology Comparative Effectiveness Research”, Comparative Effectiveness Research Training (CERT) Program, Radiological Society of North America (RSNA)/American Society of Neuroradiology (ASNR)/Society of Interventional Radiology Foundation (SIRF), Chicago, IL, February 2, 2023

12. "The Financial Risk for Patients in the Era of Health Care Price Transparency", Doctoral Seminar Series, Department of Health Promotion and Policy, University of Massachusetts Amherst, Amherst, MA, May 5, 2023
13. "The Financial Risk for Patients in the Era of Health Care Price Transparency", Health Economics Work-in-Progress Series, Department of Resource Economics, University of Massachusetts Amherst, Amherst, MA, May 10, 2023

b. Institutional:

1. "Data Management: First Steps in SQL", Health Services Research Program Seminar Series, Boston University School of Public Health, September 24, 2015
2. "Working with Data and Staying (In)Sane", Health Services Research Program Seminar Series, Boston University School of Public Health, December 1, 2015
3. "The Impact of Mammographic Dense Breast Notification and Insurance Legislation on Health Care Delivery", The Center for Law and Social Science, Department of Political Science, Emory College of Arts and Sciences, January 23, 2018
4. "Surprise Medical Billing: The Effect on Patient Cost-Sharing and Insurance Payments", Health Policy and Management Seminar Series, Department of Health Policy and Management, Emory University Rollins School of Public Health, February 22, 2018
5. "Overview of Health Services Research", Health Services Research Core Curriculum, Emory University School of Medicine, August 23, 2018
6. "Health Services Research Using Large Private Insurance Claims Databases", Geriatrics and Gerontology Research Seminar, Emory University School of Medicine, September 13, 2018
7. "How to be a Successful New Faculty Member", Panel Discussion, Faculty Development Lecture Series, Emory University School of Medicine, September 25, 2018
8. "Cost-Effectiveness Analysis: Key Concepts", Health Services Research Core Curriculum, Emory University School of Medicine, October 18, 2018
9. "Secondary Data: Truven Health MarketScan® Research Databases", Health Services Research Core Curriculum, Emory University School of Medicine, November 8, 2018
10. "Emergency Department Imaging Superusers: In Search of the Right Measure", Research in Progress Seminar, Emory University School of Medicine, Department of Radiology and Imaging Sciences, November 14, 2018
11. "The Impact of High Deductibles on Patient Decision-Making and In-Hospital Mortality", ISyE Special Seminar, H. Milton Stewart School of Industrial and Systems Engineering, Georgia Institute of Technology, November 26, 2018
12. "Disproportionate Utilizers of Emergency Department Imaging", Musculoskeletal Division Weekly Conference, Emory University School of Medicine, Department of Radiology and Imaging Sciences, January 17, 2019
13. "The Deductible Is Killing Me: The Effect of High Deductibles on In-Hospital Mortality", Health Policy and Management Seminar Series, Department of Health Policy and Management, Emory University Rollins School of Public Health, April 4, 2019
14. "The Deductible is Killing Me: The Effect of High Deductibles on Inpatient Mortality", Health Lunch Seminar Series, Department of Economics, Terry College of Business, University of Georgia, October 16, 2019
15. "Health Economics", Guest lecture in the Master of Science in Clinical Research: Health Services Research course, Emory University Rollins School of Public Health, October 17, 2019
16. "Cost-Effectiveness Analysis", Health Services Research Core Curriculum, Emory University School of Medicine, November 12, 2019
17. "Is It Worth It? Introduction to Economic Evaluation in Health Care", Health Services Research Center's Lunch & Learn seminar series, Emory University School of Medicine, February 19, 2020
18. "What Can We Do About High Deductibles? A Study of Patients with Newly Diagnosed Localized Prostate Cancer", Urban Institute, Washington, DC, April 24, 2020 (*meeting canceled due to COVID-19*)
19. "What You Spend Versus When You Spend: Dynamics of Intra-Year Out-of-Pocket Spending in the Commercially-Insured Population", Agency for Healthcare Research and Quality, Rockville, MD, April 27, 2020 (*meeting canceled due to COVID-19*)

20. "The Failure of Deductibles as an Effective Cost-Sharing Mechanism", Institute of Economic Studies, Faculty of Social Sciences, Charles University, Prague, Czech Republic, May 13, 2020 (Visiting Faculty) (*meeting canceled due to COVID-19*)
21. "Imaging in the Privately Insured Population", Research in Progress Seminar, Emory University School of Medicine, Department of Radiology and Imaging Sciences, May 20, 2020
22. "Health Economics", Guest lecture in the Master of Science in Clinical Research: Health Services Research course, Emory University Rollins School of Public Health, October 22, 2020
23. "Making Health Care Choices with Partial Price Transparency", Research in Progress Seminar, Emory University School of Medicine, Department of Radiology and Imaging Sciences, April 7, 2021
24. "Fragmented Health Care Billing: An Obstacle for Success of Price Transparency Initiatives", Research, Advocacy & Policy Seminar, Boston Children's Hospital & Boston Medical Center, Boston, MA, August 18, 2021
25. "Health Economics", Guest lecture in the Master of Science in Clinical Research: Health Services Research course, Emory University Rollins School of Public Health, October 28, 2021
26. "Metric of Temporal Concentration", Department of Biostatistics and Bioinformatics Seminar, Emory University Rollins School of Public Health, Atlanta, GA, March 3, 2022
27. "Health Insurance", Guest lecture in the Sociological Aspects of Health and Illness (SOC230) course, Department of Sociology, Emory College of Arts and Sciences, Atlanta, GA, April 12, 2022
28. "Using the MarketScan Claims Data for Health Services Research", HSR Seminar Series, Health Services Research Center, Emory University School of Medicine, Atlanta, GA, November 16, 2022

17. Abstract Presentations at National/International, Regional, and Institutional Conferences:

(* indicates the presenter; ‡ indicates a trainee)

a. National and International:

1. **Horný M***: "Bayesian Networks in Public Health", 141st APHA Annual Meeting, Boston, MA, November 4, 2013 (poster presentation)
2. **Horný M**, Merker VL, and Morgan JR*: "Procedure Coding as Payment Innovation: Reimbursement and Utilization of Abdomen/Pelvis Computed Tomography Scans in Privately Insured Individuals Following 2011 CPT Code Changes", AcademyHealth Annual Research Meeting, San Diego, CA, June 9, 2014 (poster presentation)
3. **Horný M***, Morgan JR, and Merker VL: "Using Medical Claims for Policy Effectiveness Surveillance: Reimbursement and Utilization of Abdomen/Pelvis Computed Tomography Scans Following Coding Changes", iHEA World Congress 2014, Dublin, Ireland, July 15, 2014 (oral presentation)
4. **Horný M**, Morgan JR, and Merker VL*: "What Goes Down Must Come Up?: Private Insurance Payment and Utilization of Combined Abdomen/Pelvis CT Scans Following CPT Coding and Medicare Reimbursement Changes", AcademyHealth Annual Research Meeting, Minneapolis, MN, June 14, 2015 (poster presentation)
5. Gupte G, **Horný M***, Saraswat A, Glover W, Vimalananda V, and Rosenzweig J: "Patient Navigation to Increase Improve Diabetic Management in a Safety Net Hospital", AcademyHealth Annual Research Meeting, Minneapolis, MN, June 15, 2015 (poster presentation)
6. Ellison J*, **Horný M**: "State variation in utilization of private health insurance for abortion care", National Abortion Federation's 40th Annual Meeting, Austin, TX, April 18, 2016 (oral presentation)
7. **Horný M***, Christiansen CL, Cohen AB, Duszak R, Hughes DR, Shwartz M, and Burgess JF: "Changes in Health Care Utilization Following Radiology Procedure Code Bundling and Consequent Medicare Fee Adjustments", 6th Biennial Conference of the American Society of Health Economists, Philadelphia, PA, June 13, 2016 (oral presentation)
8. **Horný M***, Christiansen CL, Cohen AB, Duszak R, Shwartz M, and Burgess JF: "The Impact of the Dense Breast Tissue Notification Laws on Post-Mammography Breast Cancer Screening", AcademyHealth Annual Research Meeting, Boston, MA, June 26, 2016 (poster presentation)
9. **Horný M***: "The Effect of Introduction of Copayments in the Czech Republic", EUHEA Conference, Hamburg, Germany, July 14, 2016 (oral presentation)

10. **Horný M***: “The Differences in Health Care Utilization between Employees and the Self-Employed”, EUHEA Conference, Hamburg, Germany, July 15, 2016 (oral presentation)
11. **Horný M***, Christiansen CL, Cohen AB, Duszak R, Shwartz M, and Burgess JF: “Legislation Regarding Dense Breast Tissue: Varying Aspects of the Laws Explain the Heterogeneous Effect on the Utilization of Supplemental Imaging by State”, AcademyHealth Annual Research Meeting, New Orleans, LA, June 25, 2017 (poster presentation)
12. **Horný M***: “Teaching Health Economics to Students Without Strong Backgrounds in Quantitative Methods: In-class Activities Improve Comprehension and Retention of Abstract Concepts”, iHEA World Conference, Boston, MA, July 8, 2017 (oral presentation)
13. Leech AA*, Burgess JF, Sullivan M, Kuohung W, **Horný M**, Drainoni ML, Christiansen CL, Linas BP: “Cost-Effectiveness of Pre-Exposure Prophylaxis for HIV Prevention During Conception”, 9th International AIDS Society (IAS) Conference on HIV Science, Paris, France, July 26, 2017 (poster presentation)
14. Kuperstock JE*, **Horný M**, Platt MP: “Mobile App Questions Improve Resident OTE Performance”, American Academy of Otolaryngology – Head and Neck Surgery Foundation Annual Meeting & OTO Experience, Chicago, IL, September 11, 2017 (oral presentation)
15. **Horný M***, Segovis C, Duszak R: “Do State Level Malpractice Payments Explain Extreme Variation in Obstetrical Ultrasound Utilization Nationwide?”, American College of Radiology 2018 Annual Meeting, Washington, DC, May 19-23, 2018 (poster presentation)
16. Kishore D[‡], Hughes D, Hemingway J, Rosenkrantz A, **Horný M**, Duszak R: “State Level Variation in IVC Filter Utilization in the Medicare Population from 2005-2015: National Trends Do Not Tell the Whole Story”, American College of Radiology 2018 Annual Meeting, Washington, DC, May 19-23, 2018 (poster presentation)
17. Kishore D[‡], **Horný M**, Hughes D, Rosenkrantz A, Duszak R: “Declining Utilization of IVC Filters: State Level Commercial Claims Perspectives from 2009-2015”, American College of Radiology 2018 Annual Meeting, Washington, DC, May 19-23, 2018 (poster presentation)
18. **Horný M***: “Surprise Medical Billing for Emergency Care: The Financial Implications for Patients and Payers”, AcademyHealth Annual Research Meeting, Seattle, WA, June 25, 2018 (poster presentation)
19. **Horný M***: “Do specialists change the intensity of care in response to a reduction of the number of visits? A study of the introduction of copayments in the Czech Republic”, EUHEA Conference, Maastricht, Netherlands, July 14, 2018 (oral presentation)
20. **Horný M**, Duszak R, Hanna T*: “Emergency Department Clinical and Imaging Superusers: A Population-Based Multi-Payer Claims Analysis”, ASER 30th Anniversary Annual Meeting, McLean, VA, September 26-29, 2018 (oral presentation)
21. **Horný M***, Montagnes BP, Peskowitz Z: “Should I Wait or Should I Go Now? Postponing Care Under a High Deductible Menace”, SMDM 40th Annual Meeting, Montreal, QC, Canada, October 14, 2018 (poster presentation)
22. Elsayed M*, Martin J, Dabrowiecki A, Goldman D, Faraj R, McMahon JT, Duszak R, **Horný M**, Newsome J, Bercu Z: “Tc-99m-MAA Lung Shunt Fraction Studies prior to Y-90 Radioembolization have Limited Utility in non-Hepatocellular Carcinoma Malignancies”, Radiological Society of North America Annual Meeting, Chicago, IL, November 25-30, 2018 (oral presentation)
23. Cronan J*, **Horný M**, Spies J, Newsome J, Carlos R, Hughes D, Duszak R, Xing M, Kokabi N: “National Variation in Management of Symptomatic Uterine Fibroids in Contemporary Clinical Practice”, Society of Interventional Radiology 2019, Austin, TX, March 23-28, 2019 (oral presentation)
24. **Horný M**, Cronan J*, Duszak R, Spies J, Newsome J, Carlos R, Hughes D, Xing M, Kokabi N: “Comparison of Direct Procedural and Episode of Care Cost for Invasive Therapies in Management of Uterine Fibroid Embolization and Associated Patient-Incurred Financial Burden”, Society of Interventional Radiology 2019, Austin, TX, March 23-28, 2019 (oral presentation)
25. Kishore D[‡], **Horný M**, Hughes D, Rosenkrantz A, Cohen S, Duszak R: “Does the Fear of Malpractice Litigation Drive Inferior Vena Cava Filter Utilization?”, American College of Radiology 2019 Annual Meeting, Washington, DC, May 18-22, 2019 (poster presentation)
26. Chang D[‡], Peskowitz Z, Montagnes BP, **Horný M***: “Reducing Financial Barriers to Care By Shortening the Time Interval for a Health Insurance Deductible”, AcademyHealth Annual Research Meeting, Washington, DC, June 3, 2019 (poster presentation)

27. Chen S[‡], Krishnan S[‡], **Horný M***: “Intra-Year Volatility in Individual Health Care Spending”, AcademyHealth Annual Research Meeting, Washington, DC, June 3, 2019 (poster presentation)
28. Villalobos A*, Gilyard S, **Horný M**, Hughes D, Cohen S, Duszak R: “Associations Over Time Between Unfavorable Medical Malpractice Claims and the Use of Imaging in the State of Georgia”, 2019 Georgia Radiological Society Annual Meeting, St. Simons Island, GA, June 8, 2019 (poster presentation).
29. Chang DJ[‡], Peskowitz Z, Montagnes BP, **Horný M***: “Aligning out-of-Pocket Health Care Expenditures with Income: The Effect on Health Insurance Premiums and Types of Risk”, iHEA World Conference, Basel, Switzerland, July 16, 2019 (poster presentation)
30. **Horný M***: “The Deductible Is Killing Me!—The Effect of High Deductibles on Inpatient Mortality”, iHEA World Conference, Basel, Switzerland, July 16, 2019 (oral presentation)
31. Leech AA*, Schreiner M, **Horný M**, Prabhu M, Neumann PJ: “An Assessment of Value for Routine Care in Pregnancy”, SMDM 41st Annual Meeting, Portland, OR, October 20, 2019 (poster presentation)
32. **Horný M***: “The Impact of High-Deductible Health Plans on Mortality”, APPAM 2019 Fall Research Conference, Denver, CO, November 9, 2019.
33. Banerjee I*, **Horný M**, Duszak R, Trivedi H: “Using Machine Learning to Predict Emergency Departments Visits and Imaging Utilization Using Longitudinal Claims Data”, American College of Radiology 2020 Annual Meeting, Washington, DC, May 16-20, 2020 (poster presentation)
34. Cronan J*, Newsome J, Duszak R, **Horný M**, Rosenkrantz A, Hughes D, Kokabi N: “State-Level Associations between Availability and Gender of Interventional Radiologists and Relative Utilization of Uterine Fibroid Embolization in the Management of Symptomatic Uterine Fibroids”, American College of Radiology 2020 Annual Meeting, Washington, DC, May 16-20, 2020 (poster presentation)
35. **Horný M***, Memula S, Howard DH, Filson CP: “The Effect of High Deductibles on Patterns of Care Among Patients with Newly Diagnosed Localized Prostate Cancer”, 9th Annual Conference of the American Society of Health Economists, St. Louis, MO, June 9, 2020 (oral presentation) (*meeting canceled due to COVID-19*)
36. Chang DJ[‡], Duszak R, **Horný M**: “Decomposition of Trends in Spending for Medical Imaging in the United States Privately Insured Population”, AcademyHealth Annual Research Meeting, Boston, MA, June 13, 2020 (poster presentation) (*meeting canceled due to COVID-19*)
37. Chen S[‡], Moreno CC, Duszak R, **Horný M**: “Early Impact of USPSTF Recommendation Change on Utilization of CT Colonography for Colorectal Cancer Screening”, AcademyHealth Annual Research Meeting, Boston, MA, June 13, 2020 (poster presentation) (*meeting canceled due to COVID-19*)
38. **Horný M***, Memula S, Howard DH, Filson CP: “High Deductible Health Plan Enrollees with Newly Diagnosed Localized Prostate Cancer Receive Less Care Than Patients Enrolled in Traditional Health Plans”, AcademyHealth Annual Research Meeting, Boston, MA, June 13, 2020 (poster presentation) (*meeting canceled due to COVID-19*)
39. **Horný M***, Filson CP, Memula S, Howard DH: “Random Financial Barriers to Care Caused by Health Insurance Design: The Case of Localized Prostate Cancer”, AcademyHealth Annual Research Meeting, Boston, MA, June 13, 2020 (poster presentation) (*meeting canceled due to COVID-19*)
40. Banerjee I*, **Horný M**, Duszak R, Trivedi H: “Using Machine Learning to Predict Emergency Departments Visits and Imaging Utilization Using Longitudinal Claims Data”, Society for Imaging Informatics in Medicine 2020 Virtual Meeting, June 24-26, 2020 (virtual oral presentation)
41. **Horný M***, Memula S, Filson CP, Howard DH: “The effect of annual parameters of health insurance on treatment delays: evidence from privately insured patients with newly diagnosed prostate cancer”, APPAM 2020 Virtual Fall Conference, November 12, 2020 (virtual oral presentation)
42. Shafer PR*, **Horný M**, Dusetzina SB: “The Effect of Monthly Cost-Sharing Limits on Out-of-Pocket Costs for Privately Insured Patients”, AcademyHealth Annual Research Meeting, June 17, 2021 (virtual oral presentation)
43. **Horný M***, Chang DJ[‡], Duszak R: “Decomposition of Trends in Spending for Medical Imaging in the United States Privately Insured Population”, American College of Radiology 2021 Virtual Annual Meeting, May 15-19, 2021 (poster presentation)

44. Lott C^{*‡}, **Horný M**: “The Temporal Concentration Index: A Novel Metric to Measure the Concentration of a Cumulative Outcome over Time”, 11th Annual Conference of the American Society of Health Economists (ASHEcon), Austin, TX, June 27, 2022 (oral presentation)
45. Rao B*, Dickert NW, Montembeau SC, Matlock DD, Kramer D, **Horný M**, Merchant FM: Patients’ Perspectives Regarding Generator Exchanges of Implantable Cardioverter-Defibrillators. American Heart Association’s Scientific Sessions 2022, Chicago, IL, November 5–7 (oral presentation)
46. Lott C[‡], **Horný M***: “Measuring the Temporal Concentration of Cumulative Outcomes for Applications in Policy Research”, APPAM 2022 Fall Conference, Washington, DC, November 17, 2022 (oral presentation)
47. **Horný M***, Patel N^{*‡}: “The Uncertainty in the Cost of Shoppable Care Under Health Care Price Transparency”, 12th Annual Conference of the American Society of Health Economists (ASHEcon), St. Louis, MO, June 13, 2023 (oral presentation)
48. **Horný M***, Patel N^{*‡}: “Service Uncertainty and the Financial Risk in Childbirth Episodes”, 15th World Congress of the International Health Economics Association (iHEA), Cape Town, South Africa, July 2023 (oral presentation)
49. Patel N^{*‡}, **Horný M**: “The Financial Risk for Patients in the Era of Health Care Price Transparency”, AcademyHealth Annual Research Meeting, Seattle, WA, June 25, 2023 (poster presentation)

b. Regional:

1. Krishnan S^{*‡}, Chen S[‡], **Horný M**: “Health Care Spending Patterns by Sociodemographic and Health Plan Characteristics”, 6th Annual Health Services Research Day, Emory University, Atlanta, GA, May 14, 2019 (poster presentation)
2. Mohiuddin TAM*, Tey CS, **Horný M**, Zhang C, Sharp W, Patzer R, Chanani N, Raol N: “Healthcare Utilization of Pediatric Patients with Feeding Difficulties after Congenital Heart Surgery”, 8th Annual Health Services Research Day, Emory University, Atlanta, GA, May 4, 2022 (oral presentation)
3. Voyles CB*, **Horný M**, Tey CS, Govil N: “The Cost-Effectiveness of Imaging Modalities for Diagnosis of Pediatric Cholesteatoma”, 8th Annual Health Services Research Day, Emory University, Atlanta, GA, May 4, 2022 (poster presentation)
4. Patel N^{*‡}, **Horný M**: “The Financial Risk for Patients in the Era of Health Care Price Transparency”, 9th Annual Health Services Research Day, Emory University, Atlanta, GA, May 3, 2023 (poster presentation)
5. Mitchell B^{*‡}, Sadigh G, **Horný M**: “Price Transparency Awareness Among Radiology Patients”, 9th Annual Health Services Research Day, Emory University, Atlanta, GA, May 3, 2023 (poster presentation)

c. Institutional:

1. **Horný M***, Burgess JF, Horwitt J, Cohen AB: “Advanced Medical Imaging in Privately Insured Patients: Recent Trends in Utilization and Payments”, Boston University Scholars Day, Boston, MA, April 2, 2013 (poster presentation)

18. Research Focus:

Patients’ experiences of the cost of health care; Health insurance benefit design; Affordability of care; Patient cost-sharing; Health care price transparency; Health policy

19. Grant Support:

a. Active Support:

i. Federally Funded:

Co-Investigator, National Center for Advancing Translational Sciences, “Georgia Clinical & Translational Science Alliance” (2UL1TR002378), \$9,381,948 (budget 2022–2023), 2022–2027

ii. Private Foundation Funded:

Co-Investigator, The Commonwealth Fund, “The Health Equity Implications of Billing Errors in Preventive Medicine”, \$161,307, 2023–2024

b. Previous Support:

Co-Investigator, American College of Radiology, Harvey L Neiman Health Policy Institute, “The Effect of CPT® Code Bundling on Diagnostic Imaging Utilization”, Dissertation Research Grant, \$83,738, 2015–2017

Principal Investigator, American College of Radiology, Harvey L Neiman Health Policy Institute, “Examination of Imaging Utilization, Access and Spending”, Research Grant, \$84,323, 2018

Principal Investigator, Winship Cancer Institute of Emory University, “Health Care Disparities Among Privately Insured Men with Newly Diagnosed Localized Prostate Cancer: The Effect of High Deductibles”, The Dunwoody Golf Club Prostate Cancer Research Award provided by the Winship Invest\$ Prostate Cancer Pilot Project Program, \$50,000, 2019–2020

Co-Investigator, American College of Radiology, Harvey L Neiman Health Policy Institute, “The Imaging Policy Analytics for Clinical Transformation (ImPACT) Center at Emory University”, \$350,000, 2019–2020

Co-Investigator, The Foundation of the American Society of Neuroradiology, Comparative Effectiveness Research Award, “Comparative Effectiveness of Imaging Techniques for Children with Headaches: Fast Brain MRI, Conventional Brain MRI, Head CT and ‘No Imaging’”, \$60,000, 2020–2021

Co-Investigator, American College of Radiology, Harvey L Neiman Health Policy Institute, “The Imaging Policy Analytics for Clinical Transformation (ImPACT) Center at Emory University”, \$240,000, 2020–2021

Co-Investigator, Winship Cancer Institute of Emory University, “Variation in Use of Pathology Services and Genomic Testing Among Newly-Diagnosed Prostate Cancer Patients”, The Dunwoody Golf Club Prostate Cancer Research Award provided by the Winship Invest\$ Prostate Cancer Pilot Project Program, \$50,000, 2021–2022

Principal Investigator, National Center for Advancing Translational Sciences, Georgia Clinical & Translational Science Alliance, Biostatistics, Epidemiology, and Research Design (BERD) Pilot Grants Program, “Development of a Temporal Concentration Metric for Applications in Clinical and Translational Science” (UL1TR002378), \$20,000, 2021–2022

Co-Investigator, American College of Radiology, Harvey L Neiman Health Policy Institute, “The Imaging Policy Analytics for Clinical Transformation (ImPACT) Center at Emory University”, \$371,315, 2021–2022

Co-Investigator, National Center for Advancing Translational Sciences, “Georgia Clinical & Translational Science Alliance” (UL1TR002378), \$45,389,684, 2020–2022

Co-Investigator, Centers for Disease Control and Prevention, “Assessing the Lifetime Economic Burden in Men with Metastatic Prostate Cancer” (SIP19-009), \$7,767,379, 2020–2022

Co-Principal Investigator, Department of Radiology and Imaging Sciences Seed Grant Program, “Developing Instruments and Collecting Preliminary Data to Evaluate the Quality and Impact of Health Care Price Transparency Initiatives”, \$15,000, 2021–2022 (NCE 2023)

20. Bibliography:

(‡ indicates a trainee)

a. Published and Accepted Research Articles (clinical, basic science, other) in Refereed Journals:

1. **Horný M**, Burgess JF, Horwitt J, and Cohen AB: “Advanced Diagnostic Imaging in Privately Insured Patients: Recent Trends in Utilization and Payments”, *Journal of the American College of Radiology*, 2014 Jul;11(7):692-697.
2. **Horný M**, Morgan JR, and Merker VL: “Using Medical Claims for Policy Effectiveness Surveillance: Reimbursement and Utilization of Abdomen/Pelvis Computed Tomography Scans Following Coding Changes”, *Health Services Research*, 2015 Dec, 50(6):1910-1926.
3. Gupte G, Suen W, Noronha C, **Horný M**, and Sloan K: “Together We Learn: Analyzing the Interprofessional Internal Medicine Residents and Master of Public Health Students Quality Improvement Education Experience”, *American Journal of Medical Quality*, 2015 Aug 13, 31(6):509-519.
4. **Horný M**, Burgess JF, and Cohen AB: “Advanced Imaging Utilization Trends in Privately Insured Patients from 2007 to 2013”, *Journal of the American College of Radiology*, 2015 Nov;12(12):1380-1387.
5. **Horný M**, Gupte G, Saraswat A, Glover W, Vimalananda V, and Rosenzweig J: “Patient Navigation to Improve Diabetes Outpatient Care”, *BMC Health Services Research*, 2017 Nov 21, 17(1):759-771.
6. Kuperstock JE, Pritchard N, **Horný M**, Xiao CC, Brook C, and Platt MP: “Inhalant Allergen Sensitization is an Independent Risk Factor for the Development of Angioedema”, *American Journal of Otolaryngology – Head and Neck Medicine and Surgery*, 2018 Mar-Apr; 39(2):111-115.
7. **Horný M**, Cohen AB, Duszak R, Christiansen CL, Shwartz M, and Burgess JF: “Dense Breast Notification Laws: Impact on Downstream Imaging after Screening Mammography”, *Medical Care Research and Review*, 2020; 77(2):143-154.
8. Kuperstock JE, **Horný M**, Platt MP: “Mobile App Technology Is Associated with Improved Otolaryngology Resident In-service Performance”, *The Laryngoscope*, 2019 Jan; 129(1):E15-E20.
9. **Horný M**, Shwartz M, Duszak R, Christiansen CL, Cohen AB, Burgess JF: “Characteristics of State Policies Impact Health Care Delivery: An Analysis of Mammographic Dense Breast Notification and Insurance Legislation”, *Medical Care*, 2018 Sep; 56(9):798-804.
10. Leech AA, Burgess JF, Sullivan M, Kuohung W, **Horný M**, Drainoni ML, Christiansen CL, Linas BP: “The Cost-Effectiveness of Pre-Exposure Prophylaxis for HIV Prevention During Conception”, *AIDS*, 2018 Nov 28; 32(18):2787-2798.
11. Hanna TN, Kundu S, Singh K, **Horný M**, Wood D, Prater A, Duszak R: “Emergency Department Imaging Superusers”, *Emergency Radiology*, 2019 Apr; 26(2):161-168.
12. Kishore D‡, **Horný M**, Rosenkrantz AB, Hemingway J, Hughes DR, Duszak R: “State-Level Variation in Inferior Vena Cava Filter Utilization Across Medicare and Commercially Insured Populations”, *American Journal of Roentgenology*, 2019 Apr; 1:1-8.
13. Hanna TN, Duszak R, Chahine A, Zygmunt ME, Herr KD, **Horný M**: “The Introduction and Development of the H-index for Imaging Utilizers: A Novel Metric for Quantifying Utilization of ED Imaging”, *Academic Emergency Medicine*, 2019; 26:1125–1134.
14. Moreno C, Duszak R, Yee J, **Horný M**: “Geographic Dispersion of CT Colonography in the United States: Rural versus Urban Utilization”, *Journal of the American College of Radiology*, 2020 Apr; 17(4):475-483.
15. Singh K, Balthazar P, Duszak R, **Horný M**, Hanna TN: “Clinical Yield of Routine Chest Radiography after Ultrasound-Guided Thoracentesis”, *Academic Radiology*, 2020 Oct; 27(10):1379-1384.
16. Nguyen TH, Milburn J, Duszak R, Savoie J, **Horný M**, Hirsch JA: “Medicare for All: Considerations for Neuroradiologists”, *American Journal of Neuroradiology*, 2020 May; 41(5):772-776.

17. Cronan JC, **Horný M**, Memula S, Newsome, JM, Carlos, R, Hughes, DR, Duszak, R, Xing M, Kokabi N: "Invasive Procedural Treatments for Symptomatic Uterine Fibroids: A Cost Analysis", *Journal of the American College of Radiology*, 2020 Oct; 17(10):1237-1244.
18. Villalobos A, **Horný M**, Hughes DR, Duszak R: "Associations over Time Between Paid Medical Malpractice Claims and Imaging Utilization in the United States", *Journal of the American College of Radiology*, 2021 Jan; 18(1 Pt A):34-41.
19. Kuperstock JE, Gedik R, **Horný M**, Osborn T, Kindelberger D, Spiegel JH: "Differences in Female and Male-to-Female Transgender Facial Skin Micro-Vessel Density", *Facial Plastic Surgery & Aesthetic Medicine*, 2021 May-Jun; 23(3):199-204.
20. Moreno CC, Goldman L, Duszak R, Yee J, Dachman AH, **Horný M**: "Use of Screening CT Colonography by Age and Race: A Study of Potential Access Barriers Related to Medicare Non-Coverage Based on Data from the American College of Radiology's National CTC Registry", *Journal of the American College of Radiology*, 2021 Jan; 18(1 Pt A):19-26.
21. Chen S[‡], Shafer PR, Dusetzina SB, **Horný M**: "Annual Out-Of-Pocket Costs Cluster Within Short Time Intervals: Implications for Health Care Affordability", *Health Affairs*, 2021 Feb; 40(2):274-280.
22. Chen S[‡], Moreno CC, Duszak R, **Horný M**: "U.S. Preventive Services Task Force Update and Computed Tomography for Colorectal Cancer Screening Among Privately Insured Population", *American Journal of Preventive Medicine*, 2021 Jul; 61(1):128-32.
23. Khaja A[‡], **Horný M**, Balthazar P, Hanna TN, Harkey PP, Villalobos A, Duszak R: "Disproportionate Use in Minor Trauma is Driving Emergency Department Cervical Spine Imaging: An Injury Severity Score Based Analysis", *Journal of the American College of Radiology*, 2021 Nov; 18(11):1532-1539.
24. ElHabr A[‡], Merdan S[‡], Ayer T, Prater A, Hanna TN, **Horný M**, Duszak R, Hughes DR: "Increasing Utilization of Emergency Department Neuroimaging from 2007 to 2017", *American Journal of Roentgenology*, 2022 Jan; 218(1):165-173.
25. **Horný M**, Shafer PR, Dusetzina SB: "Concordance of Disclosed Hospital Prices with Total Reimbursements for Hospital-Based Care Among Commercially Insured Patients in the US", *JAMA Network Open*, 2021; 4(12):e2137390.
26. **Horný M**, Duszak R: "Spending on Medical Imaging by Age and Gender in the U.S. Population with Employer-Sponsored Insurance", *American Journal of Roentgenology*, 2022 Dec; 219(6):981-982.
27. **Horný M**, Saindane AM, Duszak R: "Clinical Characteristics of Most Frequent Use of Iodinated Contrast Media for CT", *American Journal of Roentgenology*, 2022 Nov; 219(5):825-826.
28. Shafer PR, **Horný M**, Dusetzina SB: "Monthly cost-sharing limits and out-of-pocket costs for commercially insured patients in the United States", *JAMA Network Open*, 2022 Sep 1; 5(9):e2233006.
29. Salastekar NV, Duszak R Jr, Santavicca S, **Horný M**, Balthazar P, Khaja A, Hughes D, Hanna TN: "Utilization of Chest and Abdominopelvic CT for Traumatic Injury From 2011 to 2018: Evaluation Using a National Commercial Database", *American Journal of Roentgenology*, 2023 Feb; 220(2):265-271.
30. Mukherjee M[‡], **Horný M**: "Complex Billing for Non-Emergency Outpatient Imaging: An Obstacle to Success of Health Care Price Transparency Initiatives", *Journal of the American College of Radiology*, 2023 Jan; 20(1):63-70.
31. **Horný M**, Yabroff KR, Filson CP, Zheng Z, Ekwueme DU, Richards TB, Howard DH: "The Cost Burden of Metastatic Prostate Cancer in the U.S. Populations Covered by Employer-Sponsored Health Insurance", *Cancer*, 2023 Jun; *published online*.
32. Montembeau S, Merchant F, Speight CD, Kramer D, Matlock D, **Horný M**, Dickert NW, and Rao B: "Patients' Perspectives Regarding Generator Exchanges of Implantable Cardioverter-Defibrillators", *Circulation: Cardiovascular Quality and Outcomes*, 2023 Jul 26; e009827; *published online*.
33. Mohiuddin TA[‡], Raol N, Tey CS, **Horný M**, Zhang C, Sharp W, Chanani N, Patzer R: "Quantifying the Healthcare Burden of Pediatric Feeding Disorder After Congenital Heart Surgery", *The Journal of Pediatrics*, *Accepted*.
34. Araich H, Tran J, Jung J, **Horný M**, Sadigh G: "Healthcare Price Transparency in North America and Europe", *The British Journal of Radiology*, *Accepted*.

b. Manuscripts Submitted:

1. Dabrowiecki AM, Resnick NJ, **Horný M**, Behbahani K, Moussa, Prologo JD: “Ablative Therapy For Soft Tissue And Musculoskeletal Cancer Pain Is Associated With Reduced Hospital Length Of Stay Compared With External Beam Radiation Therapy: A Large Healthcare Claims Database Analysis”
2. Khalid S, Matos F, Abunimer A, Bartlett B, Duszak R, **Horný M**, Gichoya J, Banerjee I, Trivedi H: “Advances in Prediction of Readmission Rates Using Long-Term/Short-Term Memory Networks on Healthcare Insurance Data”, arXiv:2207.00066
3. Zheng Z, Shi K, Kamal A, **Horný M**, Howard DH, Ekwueme DU, Richards TB, Yabroff KR: “Health-related quality of life among metastatic prostate cancer survivors: comparisons to survivors originally diagnosed with localized disease and men without a cancer history in the United States”
4. **Horný M**, Voyles C, Tey CS, Govil N: “Cost-Utility Analysis of Imaging Modalities for the Diagnosis of Pediatric Cholesteatoma”
5. Dillender MO, **Horný M**, Howard DH: “Fee Cuts for Radiology and Low-Value Care”
6. Armas-Phan M, Patil D, Patel SA, **Horný M**, Filson CP: “Adoption of Tissue-Based Genomic Testing for Patients with Newly-Diagnosed Prostate Cancer”

c. Review Articles:

1. Kadom N, Itri JN, Trofimova A, Otero HJ, **Horný M**: “Cost-Effectiveness Analysis: Key Concepts, Recommendations, Controversies, and Pitfalls”, Academic Radiology, 2019 Apr; 26(4):534-541.

d. Book Chapters:

1. **Horný M**: “Active Learning Techniques to Enhance Understanding of Complex Stochastic Modeling Methods” in Platt M, Goodman A: “Handbook on Teaching Health Economics: Best Practices”, Edward Elgar Publishing, September 2021; 320 pp. ISBN: 978 1 78990 665 3.
2. Kadom N, Forte J, **Horný M**, White M: “Neuroimaging for Pediatric Headache” in Medina LS, Applegate KE, Blackmore CC: “Evidence-Based Imaging in Pediatrics”. Evidence-Based Imaging. Springer, December 2022. Cham. https://doi.org/10.1007/978-3-030-38095-3_78-1

e. Manuals, Videos, Computer Programs, and Other Teaching Aids:

1. Teaching Health Economics to Non-Economists: Teaching Health Economics to Students without Strong Backgrounds in Quantitative Methods, iHEA World Congress 2017, Pre-Congress Session Recordings: <https://www.healtheconomics.org/page/CongressRecordings>

f. Published Abstracts:

1. Ellison J and **Horný M**: “State Variation in Utilization of Private Health Insurance for Abortion Care”, Contraception. 2016 May; 93(5):471.
2. Leech AA, Schreiner M, **Horný M**, Prabhu M, Neumann PJ: “An Assessment of Value for Routine Care in Pregnancy”, Medical Decision Making. 2020 Jan;40:E239-240.
3. Behbahani K, Resnik NJ, Dabrowiecki AM, **Horný M**, Prologo JD: “Economic and safety outcomes comparing percutaneous therapy by interventional radiologists versus radiotherapy for cancer-related hospital admissions”, Journal of Vascular and Interventional Radiology, 2021 May; 32(5):S125-6.
4. Shafer PR, **Horný M**, Dusetzina SB: “The Effect of Monthly Cost-Sharing Limits on Out-of-Pocket Costs for Privately Insured Patients”, Health Services Research, 2021 Sep 15; 56(S2):23.
5. Armas-Phan M, Patil D, Patel S, **Horný M**, Filson C: “Patient and Geographic Factors Associated With Early Adoption of Tissue-Based Genomic Testing for Prostate Cancer”, Journal of Urology, 2023 Apr 1;209:E594.

g. Other Publications:

1. **Horný M**: “Ekonomie Sedmi Smrtných Hříchů” [=Economics of the Seven Deadly Sins], Vesmír. 2011 Nov; 90:652-655.
2. **Horný M** and Duszak R: “Letter to the Editor in Response to Characteristics of State Policies Impact Health Care Delivery, Medical Care, September 2018”, Medical Care, 2019 Feb; 57(2):175-176.
3. Shafer PR, **Horný M**, Dusetzina SB: “Rethinking annual deductibles—the case for monthly cost-sharing limits”, Health Affairs Blog, October 16, 2020.

21. Contributions Not Otherwise Noted:

1. President, AcademyHealth Student Chapter at Boston University, 2013-2015
2. **Horný M**, Dusetzina SB, Weil A: “Podcast: Timing Out-Of-Pocket Spending In Health Care Is Challenging”, A Health Podysey, June 22, 2021, <https://www.healthaffairs.org/doi/10.1377/hp20210607.386764/full/>.
3. **Horný M**, Šulcová H, Vesecký Z: “Podcast: V Americe jsem vystřízlivěl. Spoluúčast pacientů nesmí vest k podceňování základní péče o zdraví”, Diagnóza Zdravotnictví [=Health care system diagnosis], August 15, 2021.
4. Collaborator, Iniciativa pro Efektivní Zdravotnictví [=Efficient Health Care Initiative] (think-tank led by Jakub Hlávka, PhD, Research Assistant Professor of Health Policy and Management, USC Price School of Public Policy), 2021-present