

CURRICULUM VITAE

VITTORIO MAIO, PHARMD, MS, MSPH

Office

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EDUCATION:	2002 – 2005	Master of Science in Public Health Thomas Jefferson University, Philadelphia, PA
	2000 – 2003	Master of Science in Pharmacology Thomas Jefferson University, Philadelphia, PA
	1981 – 1987	PharmD, <i>cum laude</i> University of Perugia, Italy

BOARD CERTIFICATION:	1987	Italian Pharmacist Board Certification School of Pharmacy, University of Perugia, Italy
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POSTGRADUATE TRAINING:	1995 – 1996	Pharmacoeconomics, Pharmacoepidemiology, and Toxicology School of Pharmacy, University of Perugia, Italy
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PROFESSIONAL EXPERIENCE:	2014 – present	Director, Health Economics&Outcomes Research Fellowships Jefferson School of Population Health
	2009 – present	Research Associate Professor Jefferson School of Population Health
	2004 – 2009	Research Assistant Professor Jefferson School of Population Health
	2006 – 2009	Director, Health Economics&Outcomes Research Fellowships Jefferson School of Population Health
	2004	Project Director Department of Health Policy, Jefferson Medical College
	2003 – 2004	Project Manager Department of Health Policy, Jefferson Medical College
	2000 – 2002	Visiting Scholar Office of Health Policy and Clinical Outcomes, Thomas Jefferson University

1993 – 1999	Pharmacist Supervisor Cortonese Pharmacy, Perugia, Italy
1989 – 1993	Pharmaceutical Sales Representative, Hospital Specialist Upjohn, Central Italy
1988 – 1989	Pharmaceutical Sales Representative, Pediatric Specialist Abbott, Central Italy

FUNDED GRANT ACTIVITY:

Ongoing

2014 – 2015	Role: Principal Investigator (\$225,000). Regional Healthcare Authority, Emilia Romagna, Italy. To profile individuals at risk of hospitalization for diseases amenable to case/disease management programs.
2014 – 2015	Role: Principal Investigator (\$242,500). Local Health Unit Parma, Emilia Romagna, Italy. 1) To estimate the extent of inappropriate medication prescribing for elderly ambulatory patients, and to help design educational activities to improve physicians' prescribing. 2) To identify patients at risk of hospitalization in Patient-Centered Medical Homes. 3) To investigate the dynamics of the relationships among healthcare professionals in Patient-Centered Medical Homes
2009 – 2015	Role: Co-Principal Investigator (\$543,750). Local Health Unit Parma, Emilia Romagna, Italy. 1) Profiles of hospital care: Integration of hospital and territorial care. 2) To apply risk of hospitalization models in Patient-Centered Medical Homes
2014 – 2015	Role: Co-Investigator (\$125,000). Agenzia Sanitaria Regionale Emilia Romagna, Italy. 1) To refine models using the Regione Emilia Romagna administrative healthcare database to predict individuals at risk of hospitalizations for selected medical conditions amenable to case/disease management
2013 – 2015	Role: Principal Investigator. Local Health Unit Reggio Emilia, Emilia Romagna, Italy (\$72,703). To profile patterns and utilization of health care resources of primary care physicians and to investigate quality indicators at the hospital-territory level

Completed

2012 – 2014	Role: Co-Investigator (\$225,000). 2011 Prostate Cancer Foundation Ben Franklin Young Investigator Award. Informing radiotherapy decisions after prostatectomy for high risk prostate cancer: Understanding real-world complications and reducing overall treatment burden
2009 – 2013	Role: Principal Investigator (\$747,391). Regional Healthcare Authority, Emilia Romagna, Italy. To profile patterns of utilization and costs of health care resources of primary care physicians in all Regional Local health Units
2007 – 2013	Role: Co-Investigator (\$1,601,333). Agenzia Sanitaria Regionale Emilia Romagna, Italy. 1) To develop analyses and reports examining access and utilization of health care services by selected groups of the population and by patient sub-groups in the Regione Emilia Romagna. 2) To develop models using the Regione Emilia Romagna administrative healthcare database to predict individuals at risk of hospitalizations for selected medical conditions amenable to case/disease management
2006 – 2013	Role: Principal Investigator (\$790,237). Local Health Unit Parma, Emilia Romagna, Italy. 1) To estimate the extent of inappropriate medication prescribing for elderly ambulatory patients, and to help design educational activities to

	improve physicians' prescribing. 2) To outline patterns of utilization of health care resources of primary care physicians.
2011 – 2012	Role: Principal Investigator (\$125,988). Local Health Unit Reggio Emilia, Emilia Romagna, Italy. To profile patterns and utilization of health care resources of primary care physicians and pediatricians and to investigate quality indicators at the hospital level
2011 – 2012	Role: Principal Investigator (\$125,988). Italian Ministry of Health and Healthcare and Social Agency – Emilia-Romagna Region. To evaluate the adoption of a system to disseminate on a regular basis information on the quality of care to primary care physicians and its impact on physicians' clinical behavior
2009 – 2010	Role: Co-Investigator (\$213,184). EDS. Development of predictive models in Medicaid patients
2008 – 2010	Role: Principal Investigator (\$233,027). Local Health Unit Reggio Emilia, Emilia Romagna, Italy. To profile patterns of utilization and costs of health care resources of primary care physicians
2006 – 2007	Role: Co-Principal Investigator (\$10,000). Thomas Jefferson University Intramural Award. To conduct a qualitative investigation of physician prescribing practices, beliefs, and attitudes
2005 – 2007	Role: Co-Principal Investigator (\$19,890). Health Federation of Philadelphia .To evaluate the impact of a pharmaceutical assistance program on the uninsured
2005 – 2006	Role: Co-Investigator. Watson Pharmaceuticals. To evaluate the impact of iron supplements in hemodialysis patients
2005 – 2006	Role: Co-Investigator. Pfizer. To assess the economic impact of candidemia in hospital settings
2004 – 2006	Role: Co-Investigator. Agenzia Sanitaria Regionale Emilia Romagna, Italy. 1) To determine the prevalence of inappropriate medication prescribing for the elderly of Regione Emilia Romagna. 2) To investigate the effects of the abolition of a patient copayment on drug consumption and use of other health care services in the 4 million inhabitants of Regione Emilia Romagna
2001 – 2006	Role: Co-investigator. Agenzia Sanitaria Regionale Emilia Romagna, Italy. To refine and test risk-adjustment models for financing of health districts of Regione Emilia Romagna (Italy)
2004 – 2005	Role: Co-Investigator. Wyeth. To evaluate the clinical, microbiological, and economic consequences of complicated skin and intra-abdominal infections
2004	Role: Co-Investigator. Astra-Zeneca. To describe the current status of asthma care management in managed care organizations
2004	Role: Co-Investigator. PhRMA. To define the evidence from the literature on the need for expanded access to medications for seniors
2001 – 2004	Role: Co-Investigator. Commonwealth Fund. To investigate to what extent quality affects employer healthcare purchasing decisions
2003	Role: Co-Investigator. Project Patient Care. To review the published literature on the impact of pharmacy utilization management activities on the elderly.
2003	Role: Co-Investigator. University Health System Consortium. To assess current state of outpatient quality initiatives across faculty practice plans nationwide
2002 – 2003	Role: Co-Investigator. GlaxoSmithKline. To conduct a literature review to identify the impact of medications on employee health and productivity
2001 – 2003	Role: Co-Investigator. International Society for Pharmacoeconomics and Outcomes Research (ISPOR). To evaluate the effectiveness of pharmacoeconomic fellowship programs
2001 – 2002	Role: Co-Investigator. Knoll. To evaluate the role of pharmacists in patient education of anti-tumor necrosis factor (anti-TNF) treatments and alternative therapies, as well as to assess level of job satisfaction in practice settings

PROFESSIONAL ACCOMPLISHMENTS:

Faculty Appointments

2014 – present	Advisory Committee Member, Jefferson Committee on Research, Thomas Jefferson University
2012 – present	Co-Chair, Research Committee, Jefferson School of Population Health, Thomas Jefferson University
2012 – present	Co-Chair, Faculty Affairs, Jefferson School of Population Health, Thomas Jefferson University
2011	Research Committee Member, Jefferson School of Population Health, Thomas Jefferson University
2010 – present	Academic Senate Member, Thomas Jefferson University
2009 – 2013	Judicial Board Member, Jefferson School of Population Health, Thomas Jefferson University
2008 – present	Executive Council Member, Jefferson School of Population Health, Thomas Jefferson University
2008 – present	Governance Committee Member, Jefferson School of Population Health, Thomas Jefferson University
2004 – present	Faculty Member, Master Program in Health Care Management, University of Pisa, Italy
2008 – 2012	Faculty Affairs Member, Jefferson School of Population Health, Thomas Jefferson University
2007 – 2009	Co-Chair, Student Affairs, Master Program in Public Health, Thomas Jefferson University
2007 – 2009	Steering Committee Member, Master Program in Public Health, Thomas Jefferson University

Major Teaching Responsibilities

2012 – present	Instructor: “Applied Epidemiology in Healthcare.” School of Specialization in Hygiene, Faculty of Medicine, University of Parma, Italy
2008 – present	Instructor: “Pharmacoepidemiology,” Master of Science in Pharmacology, Thomas Jefferson University
2007 – present	Instructor: “HPL 500 Healthcare Delivery and Organization,” Masters’ School of Population Health, Thomas Jefferson University
2006 – present	Lecturer: “Medication Adherence” in “Foundations of Pharmacology,” Thomas Jefferson University Medical Program
2004 – present	Instructor: “Evaluation of Quality in Healthcare” Master Program in Health Care Management, University of Pisa, Italy
2006 – 2010	Lecturer: “Health Policy 401,” Thomas Jefferson University Medical Program

Mentoring

2012 – present	Mentor, Novartis Health Economics/Outcomes Research Fellowship, School of Population Health
2006 – present	Faculty Advisor, Masters’ School of Population Health, Thomas Jefferson University
2004 – present	Mentor, Janssen Pharmacoeconomics/Outcomes Research Fellowship, School of Population Health
2007	Mentor, Delaware Valley Schweitzer Fellowship, Department of Health Policy
2004	Mentor, Cephalon Pharmacoeconomics/Outcomes Research Fellowship, Department of Health Policy
2004	Mentor, GSK Pharmacoeconomics/Outcomes Research Fellowship, Department of Health Policy

Editorial Positions

2004 – present	Associate Editor, American Journal of Medical Quality
2015	Invited Reviewer, European Journal of Hospital Pharmacy
2014	Invited Reviewer, JAMA – Internal Medicine
2013	Invited Reviewer, Diabetes Research and Clinical Practice
2012	Invited Reviewer, The Lancet
2012	Invited Reviewer, Journal of Pain and Symptom Management
2012	Invited Reviewer, Population Health Management
2010	Invited Reviewer, Journal of Clinical Pharmacy and Therapeutics
2010	Invited Reviewer, Pharmacological Research
2009	Invited Reviewer, Pharmacoepidemiology and Drug Safety
2009	Invited Reviewer, Drugs & Aging
2009	Invited Reviewer, Quality in Primary Care
2008	Invited Reviewer, Psychiatric Services
2007	Invited Reviewer, Value in Health
2007	Invited Reviewer, Medical Science Monitor
2004	Invited Reviewer, American Journal of Pharmaceutical Education

Professional Services

2011 – present	Grant Reviewer, Italian Ministry of Health
2000 – 2011	Fellowship Taskforce Committee International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
2005 – 2007	Medication Compliance & Persistence SIG Working Group, International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

Awards

2005	Best New Investigator Podium Presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 10th Annual International Meeting May 15-18, 2005
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BIBLIOGRAPHY

RESEARCH PUBLICATIONS, PEER REVIEWED:

Showalter TN, Hegarty SE, Rabinowitz C, Maio V, Hyslop T, Dicker AP, Louis DZ. Assessing complications of post-prostatectomy radiation therapy for prostate cancer: Evaluation of outcomes in the Regione Emilia-Romagna, Italy. *International Journal of Radiation Oncology, Biology, Physics* 2015; 91(4):752-759

Amos T, Keith SW, Del Canale S, Orsi P, Maggio M, Baccarini S, Gonzi G, Liu M, Maio V. Inappropriate prescribing in a large community-dwelling older population: a focus on prevalence and how it relates to patient and physician characteristics. *Journal of Clinical Pharmacy and Therapeutics* 2015;40:7-13 doi: 10.1111/jcpt.12212

Louis DZ, Robeson M, McAna J, Maio V, Keith SW, Liu M, Gonnella JS, Grilli R. Predicting Risk of Hospitalization or Death: A Retrospective Population Based Analysis. *BMJ open* 2014;4: e005223. doi:10.1136/bmjopen-2014-005223

Pracilio VP, Keith SW, McAna J, Rossi G, Brianti E, Fabi M, Maio V. Primary Care Units in Emilia-Romagna, Italy: An Assessment of Organizational Culture. *American Journal of Medical Quality* 2014;29(5):430-436 DOI: 10.1177/1062860613501375

Mintzer S, Maio V, Foley K. Use of antiepileptic drugs and lipid-lowering agents in the United States. *Epilepsy & Behavior*. 2014; 34:105–8

Lopatto J, Keith SW, Del Canale S, Templin M, Maio V. Evaluating Sustained Quality Improvements: Long-term Effectiveness of a Physician Focused Intervention to Reduce Potentially Inappropriate Medication Prescribing in an Older Population *Journal of Clinical Pharmacy and Therapeutics* 2014, 39, 266–271

Sikirica S, Marino M, Gagne JJ, De Palma R, Maio V. Risk of Death Associated with the Use of Conventional versus Atypical Antipsychotic Medications: Validating the Emilia-Romagna Database. *Journal of Clinical Pharmacy and Therapeutics* 2014, 39, 38–44

McAna JF, Crawford AG, Novinger BW, Sidorow J, Din FM, Maio V, Louis DZ, Goldfarb NI. A Predictive Model of Hospitalization Risk among Disabled Medicaid Enrollees. *Journal of Managed Care* 2013;19(5):e166-e174

Clancy Z, Keith SW, Rabinowitz C, Ceccarelli M, Gagne J, Maio V. Statins and colorectal cancer risk: a longitudinal study. *Cancer Causes and Control* 2013;24:777-82 DOI: 10.1007/s10552-013-0160-x

Keith SW, Maio V, Dudash K, Templin M, Del Canale S. A physician-focused intervention to reduce inappropriate medications prescribing to older people *Drugs and Aging* 2013;30:119–127, DOI 10.1007/s40266-012-0043-y

Del Canale S, Louis DZ, Maio V, Wang X, Rossi G, Hojat M, Gonnella JS. Physicians' Empathy and Disease Complications: An Empirical Study of Primary Care Physicians and Their Diabetic Patients in Parma, Italy *Academic Medicine* 2012;87(9), 1243-1249

Ramaswamy R, Maio V, Diamond JJ, Talati AR, Hartmann CW, Arenson C, Roehl B. Potentially Inappropriate Prescribing in Elderly: Assessing Physician Knowledge, Confidence and Barriers. *Journal of Evaluation in Clinical Practice* 2011;17 (6), 1153-1159

Yuen E, Louis DZ, Cisbani L, Rabinowitz C, DePalma R, Maio V, Grilli R. Using Administrative Data to Identify and Stage Breast Cancer Cases: Implications for Assessing Quality of Care. *Tumori* 2011;97:428-435

Maio V, Jutkowitz E, Herrera K, Abouzaid S, Negri G, Del Canale S. Appropriate medication prescribing in elderly patients: how knowledgeable are primary care physicians? A survey study in Parma, Italy. *Journal of Clinical Pharmacy and Therapeutics*. 2011;36:468–480

Maio V, Marino M, Robeson M, Gagne J. Beta-blocker Initiation and Adherence after Hospitalization for Acute Myocardial Infarction. *European Journal of Cardiac Prevention and Rehabilitation* 2011;18:438-445

Slabaugh L, Maio V, Templin M, Abouzaid S. Prevalence and risk of polypharmacy amongst elderly primary care patients in Regione Emilia-Romagna, Italy. *Drugs & Aging* 2010;27, 1019-1028

Maio V, Del Canale S, Abouzaid S. Using Explicit Criteria to Evaluate the Quality of Prescribing in Elderly Italian Outpatients: A Cohort Study. *Journal of Clinical Pharmacy and Therapeutics* 2010;35:219-229

Maio V, Gagne J. Impact of ALLHAT Publication on Antihypertensive Prescribing Patterns in Regione Emilia-Romagna, Italy. *Journal of Clinical Pharmacy and Therapeutics* 2010;35:55-61

Vittorio Maio—CV, March 2015

Gagne JJ, Maio V, Berghella V, Louis DZ, Gonnella J. Prescription Drug Use during Pregnancy: A Population-Based Study in Regione Emilia-Romagna, Italy. *European Journal of Clinical Pharmacology* 2008;64:1125-1132

Bain KT, Holmes HM, Beers MH, Maio V, Handler SM, Pauker SG. Discontinuing Medications: A Novel Approach for Revising the Prescribing. *Journal of the American Geriatrics Society* 2008;56:1946–1952

Gagne JJ, Maio V, Rabinowitz C. Prevalence and Predictors of Potential Drug-Drug Interactions among Ambulatory Patients in Regione Emilia-Romagna, Italy. *Journal of Clinical Pharmacy and Therapeutics* 2008;33:141-151

Maio V, Yuen EJ, Novielli KD, Rabinowitz C, Louis DZ, Smith DK. Potentially Inappropriate Medication Prescribing for Elderly Outpatients in Emilia Romagna, Italy: A Population-Based Cohort Study. *Drugs&Aging* 2006;23(11):915-924

Pizzi LT, Patel NM, Maio V, Goldfarb DS, Michael B, Fuhr JP, Goldfarb NI. Economic Implications of Non-Adherence to Treatment Recommendations for Hemodialysis Patients with Anemia. *Dialysis & Transplantation* 2006;35(11):666-671

Gagne JJ, Breitbart RE, Maio V, Horn DL, Hartmann CW, Swanson R, Goldfarb NI. Costs Associated with Candidemia in a Hospital Setting. *Pharmacy and Therapeutics* 2006;31(10):586-591

Maio V, Hartmann CW, Poston S, Liu-Chen X, Arenson C, Diamond J. Inappropriate Prescribing for Elderly Patients in Two Outpatient Settings. *American Journal of Medical Quality* 2006;21(3):162-7

Smith KD, Yuen EJ, Donatini A, Louis DZ, Rabinowitz C, Maio V, Taroni F. Risk Adjustment in a Non-Market-Based System: The Case of Emilia Romagna, Italy. *International Journal of Healthcare Technology and Management* 2006;7(1/2):100-116

Hartmann CW, Maio V, Goldfarb NI, Cobb NM, Nash DB. Asthma Management Programs in Managed Care Organizations. *Disease Management* 2005;8(6):339-345

Maio V, Yuen EJ, Rabinowitz C, Louis DZ, Jimbo M, Donatini A, Mall S, Taroni F. Using Pharmacy Data to Identify Those with Chronic Conditions in Emilia Romagna, Italy. *Journal of Health Services Research and Policy* 2005;10(4):232-238

Maio V, Hartmann CW, Goldfarb NI, Roumm A, Nash DB. Are Employers Pursuing Value-Based Purchasing? *Benefits Quarterly* 2005;21(3):20-9

Maio V. The quality of prescribing for the elderly: A forgotten issue? *American Journal of Medical Quality*. 2005;20(4):177-8

Maio V, Pizzi L, Roumm AR, Clarke J, Goldfarb NI, Nash DB, Chess D. Pharmacy Utilization and the Medicare Modernization Act. *The Milbank Quarterly* 2005; 83(1):99-128

Maio V, Goldfarb NI, Keroack M, Browne RC, Nash DB. Outpatient Quality Improvement in Academic Faculty Practice Plans: Does It Exist? *American Journal of Medical Quality* 2004; 19(6):235-241

Maio V, Lofland JH. Effectiveness of Pharmacoeconomic and Outcomes Research Fellowship Programs within the United States. *American Journal of Pharmaceutical Education* 2004; 68(3):article 62

Vittorio Maio—CV, March 2015

Goldfarb N, Weston C, Hartmann CW, Sikirica M, Crawford A, He H, Howell J, Maio V, Clarke J, Nuthulaganti B, Cobb N. Impact of Appropriate Pharmaceutical Therapy for Chronic Conditions on Direct Medical Costs and Workplace Productivity: A Review of the Literature. *Disease Management* 2004; 7(1):61-7

Maio V, Lofland JH. Outcome Measures for Pharmacoeconomics Education. *Pharmacoeconomics* 2004; 22(8): 549-550

Maio V, Goldfarb NI, Hartmann CW. Pharmacists' Job Satisfaction: Variation by Practice Setting. *Pharmacy and Therapeutic* 2004; 29(3):184-190

Maio V, Lofland JH, Doan QC, Duttagupta S, Khan ZM, Phillips AL, Sansgiry SS, Shah AB, Sung J, Yokoyama K. Organizational Structure and Educational Components of Pharmacoeconomic Fellowship Programs: A Fellows' Perspective. *American Journal of Pharmaceutical Education* 2003; 67(4):article 105

Maio V, Lofland JH, Nash DB. Pharmacoeconomic Fellowships: Preceptors' Views Regarding Adherence to the American College of Clinical Pharmacy Guidelines. *American Journal of Pharmaceutical Education* 2003; 67(3):article 75.

Maio V, Belazi D, Goldfarb NI, Phillips AL, Crawford AG. Use and Effectiveness of Pharmacy Continuing-Education Materials. *American Journal of Health-System Pharmacy* 2003; 60(16):1644-1649

Maio V, Goldfarb NI, Carter CT, Nash DB. Value-Based Purchasing: A Review of the Literature. *The Commonwealth Fund* 2003; report #636

Goldfarb NI, Maio V, Carter CT, Pizzi L, Nash DB. How Does Quality Enter into Health Insurance Purchasing Decisions? *Issue Brief (Commonwealth Fund)* 2003;635:1-8

Maio V, Manzoli L. The Italian Health Care System: W.H.O. Ranking versus Public Perception. *Pharmacy and Therapeutics* 2002; 27(6):301-8

Maio V, Girts TK, Lofland JH, Nash DB. Pharmacoeconomic Fellowships: the Need for Outcome Measures. *Pharmacoeconomics* 2001; 19(8):795-802

RESEARCH PUBLICATIONS SUBMITTED

Lupattelli M, Alcusky M, Aristei C, Bellavita R, Jereczek-Fossa B, McAna J, Showalter T, Maio V. Adjuvant and Salvage Radiation Therapy after Prostatectomy: Investigating Beliefs and Practices of Radiation Oncologists. Submitted to the *Journal of Radiation Oncology*

Vegesna A, Coschignano C, Hegarty SE, Karagiannis T, Polenzani L, Messina E, Zoli R, Maio V. Attitudes toward Physician-Nurse Collaboration in Primary Care Team-based Setting: Survey-Based Research Conducted in the Chronic Care Units in the Tuscany Region of Italy. Submitted to the *Journal of Interprofessional Care*

RESEARCH PUBLICATIONS IN PREPARATION

Keith SW, Maio V, Lavu H, Rabinowitz C, Liu M, Louis DZ. Survival benefits associated with angiotensin blockade therapies in pancreatic cancer patients.

Alcusky M, Keith SW, Karagiannis T, Louis DZ, Rabinowitz C, Liu M, Maio V. Evaluating the survival benefits associated with the use of metformin in head and neck cancer patients.

Alcusky M, Maio V, Ferrari L, Rossi G, Liu M, Hojat M, Maio V. Attitudes Toward Collaboration Among Nurses and Physicians Practicing in Newly Established Medical Homes

SELECTED ABSTRACTS:

PLATFORM

Keith SW, Karagiannis T, Maio V, Louis DZ, Rabinowitz C, Liu M. *Comparing immortal time biases in pharmacoepidemiologic survival analyses of antihypertensives after pancreatic cancer versus antidiabetics after head and neck cancer*. Joint Statistical Meetings. Boston, MA, USA, August 2014

Clancy Z, Keith SW, Rabinowitz C, Gagne JJ, Maio V. *Statins and colorectal cancer: Is there a link?* 17th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research Annual International Meeting. Washington, DC, June 2012

Del Canale S, Negri G, Brianti E, Fabi M, Maio V. *Multifactorial intervention in the Parma AUSL on Primary Care Physician Inappropriate Prescribing in Elderly Patients: Implications for Reducing the Medication Clinical Risk on the Ambulatory Setting*. 6th Risk Management Forum in Healthcare, November 22, 2011, Arezzo, Italy

Dudash K, Negri G, Baccarini S, Rabinowitz C, Maio V. *Prevalence and Predictors of Potentially Significant Drug-Drug Interactions in the Elderly*. 16th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research, May 24, 2011, Baltimore, USA

Del Canale S, Fabi M, Brianti E, Maio V. *Improving the appropriateness of prescribing in elderly patients. Is it feasible? A comprehensive approach in the Local Health Unit of Parma, Italy*. 7th European Congress Healthy And Active Ageing For All European, 17 April, 2011

Louis DZ, Richardson DM, Robeson M, Herrera K, Maio V, Gonnella JS, Grilli R. *Who is most likely to require a higher level of care: Predicting risk of hospitalization* 26th Patient Classification System International Conference, September 2010, Munich, Germany

Yuen EY, Louis DZ, Cisbani L, Rabinowitz C, DePalma R, Maio V, Grilli R. *Using Hospital Discharge Abstract Data to Identify Incident Breast Cancer Cases and Assess Quality of Care* 26th Patient Classification System International Conference, September 2010, Munich, Germany

Richardson DM, Louis DZ, Robeson MR, Maio V, Nobile L, Grilli R. *Predicting risk of hospitalization in patients with chronic conditions in the Regione Emilia-Romagna, Italy*. 137th APHA Annual Meeting, November 10, 2009, Philadelphia, USA

Louis DZ, Richardson DM, Robeson MR, Maio V, Nobile L, Grilli R. *Predicting cancer patients' risk of potentially avoidable hospitalization*. 137th APHA Annual Meeting, November 10, 2009, Philadelphia, USA

Maio V, Gavin E, Robeson M, Rabinowitz C, Louis DZ. *Sex and Health Care in Emilia-Romagna: Differences between Females and Males in Health Status and Health Services Use*. 24th Patient Classification System International Conference, October 2008, Lisbon, Portugal.

Maio V, Louis DZ, Gavin E, Robeson M, Rabinowitz C, Nobile L, De Palma R, Grilli R. *Sex Differences in Healthcare Expenditures: A population-based Study in Regione Emilia-Romagna*. 24th Patient Classification System International Conference, October 2008, Lisbon, Portugal.

Gagne JJ, Maio V, Berghella V, Louis DZ, Gonnella J. *Exposure to contraindicated and other potentially dangerous medications during pregnancy: A population based study in Italy*. 13th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research, May 5, 2008, Toronto, Canada

Yuen EJ, Louis DZ, Cisbani L, Rabinowitz C, Maio V, Marangolo M. *Using administrative data to assess patterns and quality of cancer care*. 23rd Patient Classification System International Conference, November 2007, Venice, Italy.

Maio V, Donatini A, Louis DZ, Gavin E, Robeson M, Yuen E, Fabi M, Lazzarato M. *Physician practice profiling in Primary Care Groups in Parma Local Health Unit, Italy*. 23rd Patient Classification System International Conference, November 2007, Venice, Italy.

Talati A, Roehl B, Maio V, Hartmann CW, Arenson C, Diamond J. *Appropriate Medication Prescribing for the Elderly: Physician Confidence and Knowledge*. Pennsylvania Geriatric Society, College of Physicians, Philadelphia, PA, May 23, 2006

Maio V, Yuen EJ, Novielli KD, Rabinowitz C, Louis DZ. *Potentially Inappropriate Prescribing for Elderly Ambulatory Patients in Regione Emilia Romagna, Italy*. 10th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research, May 16, 2005, Washington, DC.

Yuen EJ, Donatini D, Rabinowitz C, Mall S, Maio V, Louis DZ, Robeson M, Taroni F. *Developing a Population Health Database in Regione Emilia Romagna, Italy*. 132nd Annual Meeting of the American Public Health Association, November 9, 2004, Washington, DC.

Louis DZ, Donatini A, Jimbo M, Gonnella JS, Rabinowitz C, Fiorini M, Cavazza Rossi M, Mall S, Virgilio G, Trisolini R, Yuen EJ, Maio V, Taroni F. *An Atlas of Appropriateness of Hospital Admissions in the Emilia-Romagna Region, Italy*. 132nd Annual Meeting of the American Public Health Association, November 9, 2004, Washington, DC.

Donatini A, Mall S, Taroni F, Smith KD, Yuen EJ, Louis DZ, Maio V. *Modeling Risk Adjustment In A Non-Market-Based System: The Case Of Emilia Romagna, Italy*. 5th European Conference on Health Economics, September 11, 2004, London

Louis DZ, Donatini D, Jimbo M, Gonnella JS, Rabinowitz C, Fiorini M, Cavazza Rossi M, Mall S, Virgilio G, Trisolini R, Yuen EJ, Maio V, Taroni F. *Using Disease Staging and DRGs to Assess the Appropriateness of Hospital Admissions in the Emilia-Romagna Region, Italy*. International Society for Healthcare Financial Management, August 7, 2004, Baltimore.

Yuen EJ, Smith KD, Donatini A, Maio V, Louis DZ, Rabinowitz C, Jimbo M, Mall S, Gonnella JS, Taroni F. *Developing Risk Adjustment Models in Emilia Romagna, Italy*. Proceedings of the 19th Patient Classification Systems Europe Conference, October 10, 2003, Washington, DC

Louis DZ, Donatini A, Jimbo M, Gonnella JS, Rabinowitz C, Fiorini M, Cavazza Rossi M, Mall S, Virgilio G, Trisolini R, Yuen EJ, Maio V, Taroni F. *Using Disease Staging and DRG's to Assess the Appropriateness of Hospital Admissions in the Emilia Romagna Region, Italy*. Proceedings of the 19th Patient Classification Systems Europe Conference, October 10, 2003, Washington, DC

Maio V, Yuen EJ, Rabinowitz C, Lois DZ, Jimbo M, Donatini A. *Using Pharmacy Data to Identify Those with Chronic Conditions in Emilia Romagna, Italy*. 5th International Conference on the Scientific Basis of Health Services, September 21, 2003, Washington, DC

Yuen EJ, KD Smith, Donatini A, Maio V, Mall S, Good J, Rabinowitz C, Louis DZ, Taroni F. *Risk Adjustment and District Financing in the Regione Emilia-Romagna, Italy*. 4th World Congress of the International Health Economics Association, June 18, 2003, San Francisco, CA

Maio V, Lofland JH, Nash BD. *Are Pharmacoeconomic Fellowship Programs Adhering to American College of Clinical Pharmacy Guidelines?* 2002 Annual Meeting of the American College of Clinical Pharmacy, Oct 22, 2002, Albuquerque, NM

Yuen EJ, Donatini A, Maio V, Mall S, Good J, Rabinowitz C, Louis DZ, Taroni F. *Risk-adjustment and District's Autonomy: an Application to the Regione Emilia-Romagna, Italy*. New Frontiers of Health Care: Fiscal Federalism and Organizational Innovations, September 27, 2002, Bologna, Italy

Poster

Alcusk M, Rabinowitz C, Maio V. *Trends in Prescription Medication Exposure during Pregnancy in the Regione Emilia-Romagna, Italy, 2004-2013*. Accepted at the 20th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research Annual International Meeting, Philadelphia, PA May 19, 2015

Alcusk M, Ferrari L, Rossi G, Liu M, Maio V. *Attitudes towards Collaboration among Nurses and Physicians Practicing in Newly Established Medical Homes*. Accepted at the 20th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research Annual International Meeting, Philadelphia, PA May 20, 2015

Alcusk M, Keith SW, Karagiannis TS, Rabinowitz C, Louis DZ, Maio V. *Is Metformin Exposure Associated with Better Survival in Head and Neck Cancer Patients? A Large Population-based Cohort Study* Accepted at the 20th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research Annual International Meeting, Philadelphia, PA May 19, 2015

Vegesna A, Alcusk M, Keith SW, Hegarty SE, Del Canale S, Lombardi M, Maio V. *Is there an Association between Potentially Inappropriate Prescribing in the Elderly and Hospitalization and Mortality? A Longitudinal, Large Cohort Study*. Accepted at the 20th Annual Meeting of the International Society Pharmacoeconomics and Outcomes Research Annual International Meeting, Philadelphia, PA May 20, 2015

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INVITED LECTURES:

Comparing and Contrasting the US and the Italian Health Care Systems. School of Medicine, University of Perugia. April 1, 2014, Perugia, Italy

Empathy in Patient Care-Myth or Reality? Jefferson School of Population Health Forum. October 10, 2012, Philadelphia, PA, USA

Teamwork and Organization Culture in Primary Care Teams in Italy. CERGAS – Center for Research on Health and Social Care Management, Bocconi University. November 8, 2012, Milan, Italy

Measuring the Quality of Care in Outpatient Setting. 6th International Conference. Associazione Medicina e Persona. June 23, 2011, Milan, Italy

Risk-adjustment in Italy: The case of the Emilia-Romagna Region. Center for Medicare and Medicaid Services. November 29, 2007, Baltimore, MD

Pharmacy Utilization and the Impact of the Medicare Modernization Act on Cost Management and Senior Care. Medicare Pharmacy Management Summit. Institute for International Research. September 29, 2005, Minneapolis, MN

The Regione Emilia-Romagna, Italy, Healthcare Database. Division of Pharmacoepidemiology, Brigham and Women's Hospital, Harvard Medical School, May 31, 2005 Boston, MA

Value-based Purchasing: A Literature Review. Presentation at *How Does Quality Enter into Health Insurance Purchasing Decisions?* Conference sponsored by the Commonwealth Fund, May 29, 2002, Philadelphia, PA

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