



Italian Health Economics Association (AIES)

22nd Annual Conference

*DEMOGRAPHIC AND EPIDEMIOLOGICAL TRENDS: IMPLICATIONS FOR HEALTH ECONOMICS AND
MANAGEMENT*

Department of Economics and Management, University of Pavia

5-6 October 2017

[Thursday, October 5th](#)

9:00 – 10:00– Registration and Welcome Coffee

[10:00 - 10:30 – Opening Ceremony \(Aula Foscolo\)](#)

WELCOME
PROF. FABIO RUGGE
CHANCELLOR OF THE UNIVERSITY OF PAVIA
PROF. ANTONIO MAJOCCHI
HEAD OF THE DEPARTMENT OF ECONOMICS AND MANAGEMENT, UNIVERSITY OF PAVIA
PROF. CLAUDIO JOMMI
PRESIDENT OF THE ITALIAN ASSOCIATION OF HEALTH ECONOMICS

10:30 – 12:00 – Sessions

Session I– Quality and Efficiency of Healthcare Services (English) (Aula Foscolo)

Chair: Elenka Brenna

- [1] **A. Riganti** “Cost-Containment Policies in Healthcare Sector: the example of ESTAV in Tuscany”;
- [2] M.C. Demartini, I. Springhetti, **V. Beretta** “Professionals’ empowerment and patients’ outcomes: An empirical analysis of their relation in a condition of organizational change in the Italian healthcare context”;
- [3] G. Cinelli, **G. Fattore**, S. Robone “A micro-data analysis of patients' mobility in the Italian NHS”;
- [4] **E. Brenna** “Healthcare tax credits: financial help to taxpayers or support to higher income and better educated patients? Evidence from Italy”.

Session II – Health Technology Assessment I (English) (Aula Scarpa)

Chair: Elena Pizzo

- [5] **R. Longo** “A systematic review of the cost-effectiveness of liver transplantation”;
- [6] **S. Rossi** “CNAO: a project of High Technology, Health and Research in Italy”;
- [7] **M. Meregaglia** “The use of intensive radiological assessments in routine surveillance after treatment for head and neck cancer: an economic evaluation”;
- [8] **E. Pizzo**, S. Morris, F. Causin “Cost-utility analysis of mechanical thrombectomy compared to intravenous tissue-type plasminogen activator in acute ischemic stroke in Italy”.

Session III – Macroeconomic Shocks on Health Outcomes (English) (Aula Volta)

Chair: Vincenzo Atella

- [9] **A. Aparicio Fenoll**, L. González Luna “Political Instability and Birth Outcomes: Evidence from the 23F Military Coup in Spain”;
- [10] **L. Rocco**, L. Simonato, L. Cestari, A. Crema “The effect of job loss on pharmaceutical prescriptions”;
- [11] V. Atella, F. Belotti, J. Kopinska, **A. Palma**, A. Piano Mortari “Economic crisis, mortality and health status. A causal analysis”;
- [12] V. Atella, E. Di Porto, **J. Kopinska** “The heterogenous pathways of WWII stress transmission: evidence from a natural experiment”.

Session IV – Demand for Health and Healthcare (English) (Sala Lettura San Felice)

Chair: Giacomo Pasini

- [13] M. Lippi Bruni, C. Ugolini, **R. Verzulli** “Estimating the elasticity of demand to waiting times: Evidence from a panel data analysis”;
- [14] **M. Ruggeri**, S. Coretti, C. Drago, V. Moramarco “How well do health professionals play in their roles”;

[15] R. Levaggi G. Martini **D. Spinelli** “How does different treatments affect patient choice and hospital competition? Evidence from Lombardy”;

[16] M. Genie, A. Nicolò, **G. Pasini** “Eliciting Patients' Preferences in Kidney Transplantation: A Discrete Choice Experiment”.

12: 00 – 12:15 – COFFEE BREAK

12:15 – 13:15 – Plenary Session: “How about the aftermath of austerity: threats and opportunities for health systems in Europe”; (Aula Foscolo).

Keynote Speakers: Professor David Stuckler, Oxford University and Bocconi University.

13:15 – 14:00 – LUNCH

14:00 – 15:30 – Sessions

Session V - Aging, Retirement and Health (English) (Aula Foscolo)

Chair: Vincenzo Rebba

[17] C. Ardito, R. Leombruni , D. Blane, **A. d’Errico** “To work or not to work? The effect of higher pension age on cardiovascular health”;

[18] E. Caroli, C. Lucifora, **D. Vigani** “Is there a Retirement-Health Care utilization puzzle? Evidence from SHARE data in Europe”;

[19] **E. Lucchese** “How will aging stress emergency care performances?”;

[20] **M. Celidoni**, V. Rebba “Retirement and Healthy Eating”.

Session VI – Healthcare Resource Allocation (English) (Aula Scarpa)

Chair: Stefano Calciolari

[21] **M. G. Rizzo** “The role of value congruence and managerial job engagement in the budgetary participation - performance link: evidence from a general Italian hospital”;

[22] A. Ancarani, C. Di Mauro, **M.D. Giammanco**, G. Giammanco “Work Engagement in Public Hospitals: a Social Exchange Approach”;

[23] **V. Morando**, V. Tozzi, G. Pacileo “COPD management: a multi-centre piloting project for applying population health management tools”;

[24] **S. Calciolari**, L. González Ortiz “Do global budgets make a difference? Results from a longitudinal analysis of a funding system change and culture in Swiss nursing homes”.

Session VII – Elderly Population Health (English) (Aula Volta)

Chair: Enrica Croda

- [25] V. Atella, F. Belotti, B. Blaylock, A. D’Addio, D. G.M. Lis, J.Oderkirk , **A. Piano Mortari**, B.Tysinger “Introducing the OECD-Schaeffer-CEIS Future Elderly Model (Global FEM”;
- [26] **A. Srakar**, V. Prevolnik Rupel ”Multiple chronic conditions in older people and their effects on health care utilization: a network analysis approach using SHARE data”;
- [27] **V. Atella**, F. Belottix, J. Kopisniskax, A. Palmaz, A.Piano Mortari “Forecasting European elderly population health status. An investigation using a dynamic microsimulation model”;
- [28] **E. Croda** “Chronic Pain in the European Elderly Population”.

15:30 – 16:00 – Coffee Break

16:00– 17:30 – Sessions and Posters

Session VIII–Child Health (English) (Aula Foscolo)

Chair: Marcello Montefiori

- [29] **A. Palma**, Petrunyk, D. Vuri “Air pollution during pregnancy and birth outcomes in Italy”;
- [30] **E. Pizzo**, G. Conti, M. Melnychuk, S. Morris “The long-term economic consequences of child maltreatment in the UK”;
- [31] **C. Guerriero**, J. Cairns, Diaz-Ordaz K., K. Brown, J. Ashworth, J. Wray, N. Abrines Jaume, M. Abbiss “Using animation to report children’s health: a randomized cross-over trial”;
- [32] **V. Carrieri**, A. Jones “Intergenerational transmission of nicotine within families: have e-cigarettes had an impact”;
- [33] **M. Montefiori**, E. Di Bella, L. Leporatti, P. Petralia “Overcrowding and triage effectiveness a study of Gaslini Children Hospital”.

Session IX – Household Economics and Health Inequality (Aula Scarpa)

Chair: Matteo Migheli

- [34] **P. Brunori**, C. F. Guidi, A. Trannoy “Ranking Health Equality of Opportunity in Europe”;
- [35] M. Avendano, L. F. Berkman, A. Brugiavini, **G. Pasini**, “Leave policies and stress at maternity”;
- [36] **F. Barigozzi**, H. Cremery, K. Roederz “Caregivers in the family: daughters, sons and social norms”.
- [37] C. Di Novi, R. Jacobs, **M. Migheli** “Smoking Inequality across Genders and Social Classes. Evidence from Longitudinal Italian Data”.

Session X – Pharmaceuticals and Medical Device (English) (Aula Volta)

Chair: Claudio Jommi

- [38] **G. Callea**, M.C. Cavallo, R. Tarricone “Assessment of new Medical Devices with administrative databases: the need for traceability”;

- [39] J. Foo, F.S. **Mennini**, J. M. Rodriguez Heredia, D. Choquette, G. Attina, S. Jiménez Merino, M. Mtibaa, E. Alemao, J. Gaultney “Cost per Response for Abatacept compared with Adalimumab in the Treatment of Patients with Rheumatoid Arthritis Based on Anti-Citrullinated Protein Antibody Titres in Italy, Spain and Canada”;
- [40] **A. Marcellusi**, F.S. Mennini A. Giunta, A. Gasbarrini, G. Valesini, P. L. Canonico, E. Novellino, A. Mecozzi, T. Gamucci, E. Di Brino, M. Ruggeri, A. Cicchetti “Impatto economico dei biosimilari in Italia: una analisi di scenario”.
- [41] **C. Jommi**, M. Otto “Effects of a regulatory switch from Prescription-only to OTC drugs on costs using a societal perspective.

Session XI – Healthcare Industry (English and Italian) (Sala Lettura San Felice)

Chair: A. Cavaliere

- [42] **A. Ricci**, F. Amatucci “Gli impatti della normativa anticorruzione nelle aziende sanitarie pubbliche: attività, protagonisti, impatti percepiti, prospettive”;
- [43] **M. Cavazza**, M. Del Vecchio, V. Rappini “Uno studio comparato delle assicurazioni sanitarie volontarie in Europa: innovazioni ed evoluzioni nell’ambito dei sistemi sanitari”;
- [44] **P. Pertile**, M. Forster, S. Gamba “Strategic Interaction in Pharmaceutical Price Regulation and Innovation”;
- [45] A. Cavaliere, **G. Crea**, A. Cozzi “Price discrimination in the Medical Devices Industry: An Empirical Analysis”.

17:30 – 18:30 – Plenary Session (Aula Foscolo)

General Assembly of AIES Members

20:30 – Conference Social Event*

Bardelli Restaurant
Via Lungoticino Visconti, 2
27100 Pavia (PV)

*Meeting point at 18.30 - University of Pavia, Aula Foscolo for a tour of Pavia that is kindly organized by Professor **Renata Crotti** (University of Pavia) and offered by the “**Associazione Alunni Unipv**”. The tour will end at Ristorante Bardelli at 20:30.

9:00-10:30 – Sessions and Posters

Session XII – Healthcare Industry II (English) (Aula Foscolo)

Chair: Simone Ghislandi

- [46] **M. Cavalieri**, P. Di Caro, C. Guccio, D. Lisi “Does neighbour’s grass matter? Exploring spatial dependent heterogeneity in technical efficiency of Italian hospitals”;
- [47] C. Guccio, **M. Martorana**, G. Pignataro “Hospitals’ effectiveness-efficiency trade-off and spatial spillovers: an assessment using generalized directional distance function”;
- [48] **A. T. Renner**, S. Ghislandi “A spatial panel data analysis of the socioeconomic gradient of avoidable hospitalisations in Austria”;
- [49] **S. Ghislandi**, M.Kuhn “Market access regulation: what for? Asymmetric information in the regulation of the access to markets”.

Session XIII– Il costo economico e sociale delle malattie (Italian) (Aula Scarpa)

Chair: Aleksandra Torbica

- [50] **S. Russo**, R. Migliorini, M. Trabucco Aurilio, F.S. Mennini “Malattie cronico-degenerative e previdenza sociale: un’analisi economica e demografica sulle prestazioni per l’invalidità”;
- [51] **D. D’Angela**, R. De Luca, F. Ficari, A. Gasbarrini, Marco Montorsi, F. Spandonaro “Impatto economico dell’immunonutrizione nei pazienti chirurgici oncologici”;
- [52] De Bartolomeis A., Polistena B., **Ploner E.**, Spandonaro F. “Analisi di budget impact del trattamento della schizofrenia”;
- [53] **G. L. Colombo**, S.Di Matteo, C. Martinotti, M. Oselin, M. C. Valentino, G. M. Bruno “La celiachia in Italia: costo della malattia e impatto economico dei sistemi di assistenza sanitaria a tutela del paziente celiaco”.

Session XIV – Modelli di valutazione dei servizi socio-sanitari (Italian) (Aula Volta)

Chair: Alberto Franci

- [54] G. Fosti, F. Longo, E. Notarnicola, **A. Pirazzoli**, A. Rotolo “Assistenza sanitaria e sociosanitaria per gli anziani: quali modalità di ricorso ai servizi?”;
- [55] **E. Ivaldi**, C. Bruzzi “La misurazione della deprivazione materiale e sociale a differenti livelli di aggregazione territoriale attraverso l’utilizzo di un indicatore non compensativo”;
- [56] **T. Damiani** “Il valore economico di una struttura residenziale per pazienti del dipartimento di salute mentale. Esperienza presso la Comunità socio educativa riabilitativa di Force e presso la residenza protetta "Don Rino Vallorani" di Comunanza, Ambito territoriale sociale XXIV della Regione Marche”;
- [57] A. I. Dormio, **P. Renzi**, A. Franci “Modelli di valutazione della performance nei servizi socio-sanitari”.

Session XV – Population Health Management (Italian) (Salone Lauree)

Chair: Valeria Tozzi

- [58] **A. Furnari**, F. Lecci, E. Barzan, F. Petracca “Caratteristiche della domanda e profili di offerta delle prestazioni sanitarie per soggetti in fascia pediatrica: quali le attuali specificità e i potenziali scenari futuri?”;
- [59] **P. Sciattella**, F.S. Mennini “Burden economico delle infezioni ospedaliere: tre differenti approcci di stima basati su real world data”;
- [60] **A. Furnari**, F. Longo, C. Rognoni, A. Rotolo “Quali possibilità per una ricomposizione tra spesa sanitaria pubblica e privata: il caso dei dispositivi per incontinenza urinaria”;
- [61] **E. Barzan**, F. Longo, F. Petracca, V. Tozzi “Evoluzione del modello lombardo per la presa in carico dei pazienti cronici: sfide nell’implementazione e possibili scenari future”.

10:30 – 11:00 – COFFEE BREAK

[11:00 – 12:00 – Plenary Session “Improving the Quality of Health Care: a Research Agenda”; \(Aula Foscolo\).](#)

Keynote Speakers: Professor Thomas D’Aunno. NYU’s Robert F. Wagner Graduate School of Public Service and NYU College of Global Public Health.

12:00 – 13:30 – Sessions

Session XVI – Economic Evaluation of Chronic Illness (English) (Aula Foscolo)

Chair: Lara Gitto

- [62] **F.S. Mennini**, G. Fabiano, A. Marcellusi, C. Pinto “Human Papilloma Virus in Italy: cost of Illness and potential savings due to HPV9 primary prevention”;
- [63] **S. Coretti**, G. Izzo, A. Cicchetti “The Social cost of major depression“;
- [64] **O. Ciani**, S. Walker, F. Warren, N. Smart, M. Piepoli, T. Eames, S. R. Taylor “Individual participant data meta-analyses as a methodological tool in healthcare research: an application to chronic heart failure”;
- [65] E. Brenna, **L. Gitto** “Chronic Fatigue Syndrome (CFS/ME): a case study within the European project COST ACTION EUROMENE”.

Session XVII- Health Technology Assessment II– (English) (Aula Scarpa)

Chair: Francesco Longo

- [66] **C. Rognoni**, R. Tarricone “Budget impact analysis in abdominal wall surgery: the case of biosynthetic meshes”;

- [67] S. Russo, **S. Landi**, P. Landa “Economic evaluation of Platelet-Rich-Plasma versus Hyaluronic acid for the intra-articular treatment of knee OA in in four western countries”;
- [68] **R. Viti**, A. Marcellusi, Andreoni, Sarmati, F.S, Mennini “Economic Evaluation for the treatment of Acute Bacterial Skin and Skin Structure Infections (ABSSSI) from Italian National Health Service: an early discharge approach with dalbavancin”;
- [69] F.S. Mennini, **C. Bini**, A. Marcellusi, E. Franco “Quadrivalent influenza vaccine in Italy: a cost-utility analysis on population at risk.

Session XVIII – Comparative Analysis of Population Health and Health Systems (English) (Aula Volta)

Chair: Lorenzo Rocco

- [70] J. Bhattacharya, **G. Marini** “Is the European refugee crisis a public health crisis? An application to Italian data”;
- [71] **A. Torbica**, C. Makwero, M. De Allegri ”Estimating the costs of Performance-Based-Financing interventions in low and middle income countries: novel evidence from Malawi”;
- [72] E. Kuruczleki, **A. Pelle** “The health status landscape of EU member states and its relations to economic performance and competitiveness”;
- [73] **J. Escarce**, L. Rocco “Immigration and the health of older natives in 12 Western European countries”.

Session XIX – Healthcare Management and Organization (English) (Salone Lauree)

Chair: P. Landa

- [74] P. Previtali, **A. Santuari** “The anticorruption models adopted by the Italian local health authorities: tools to strengthen the patients’ right to health. A law&economics approach”;
- [75] V. **Morando**, V. Tozzi., G. Pacileo “Integrated Clinical Pathways and managed care for complex chronic conditions: the case of Multiple Sclerosis management at the Local Health Authority of Parma”;
- [76] **M. Santagata**, E. Ivaldi “Gender Differences in health among Italian regions”;
- [77] S. Bruzzi, **P. Landa**, E. Tanfani, A. Testi “Towards integrated healthcare systems: Modelling organizational changes inside hospital”.

Session XX – Panel Session- Dati amministrativi in sanità: opportunità, limiti e prospettive future per gli studi di valutazione economica (Italian) (Sala Lettura San Felice)

Chair: Rosanna Tarricone

- [78] **E. Pagano** “Dati correnti in sanità: come possono contribuire alla valutazione dei costi assistenziali?”
- [79] **S. Francisci** “Valutazione dei costi in oncologia tramite registri tumori a livello di popolazione e database amministrativi”;
- [80] **F. Ieva** “L’utilizzo di grandi database amministrativi per modellare le malattie croniche”.

13:30 – 14:30 - Lunch

14.30 – 16:00 – Round Table : “Trend demografici ed epidemiologici: implicazioni di policy e management”; (Aula Foscolo).

Chair: **Vincenzo Atella** (Università Tor Vergata)

Participants:

Giuseppe Costa (Dipartimento di Scienze Cliniche e Biologiche, Università di Torino);

Margherita Giannoni (Dipartimento di Economia, Università di Perugia);

Cristiano Gori (Dipartimento di Sociologia e Ricerca Sociale, Università di Trento e Network Non Autosufficienza);

Luca Merlini (Osservatorio Epidemiologico Regionale, Direzione Welfare, Regione Lombardia);

Gabriele Pelissero (Dipartimento di Sanità Pubblica, Medicina Sperimentale e Forense, Università di Pavia).

16:00 – 17:00 – Plenary Session (Aula Foscolo)

- **AIES Young Researchers Award Ceremony;**
- **Fondazione Farmafactoring Award Ceremony;**
- **Closing Ceremony.**

Suggested time schedule

Three paper sessions: 20 mins presentation; 8 mins discussion. Four paper sessions: 17 mins presentation; 5 mins discussion. Five paper sessions: 15 mins presentation, 3 mins discussion.

Other information regarding the Conference will be published on the AIES website: <http://www.aiesweb>.

SCIENTIFIC COMMITTEE

Alberto Cavaliere

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LOCATION

Università degli Studi di Pavia Strada Nuova, 65 and Dipartimento di Scienze Economiche e Aziendali (Università degli Studi di Pavia), via San Felice 5 - Pavia 27100.

SUPPORTED BY

Department of Economics and Management, University of Pavia; Parco Tecnico Scientifico University of Pavia, IRCCS Policlinico S. Matteo, Pavia; Associazione Alunni Unipv.