

**Italian Health Economics Association (AIES)  
26th Annual Conference**

***SAILING THROUGH THE STORM:***

***HEALTHCARE SYSTEMS IN TRANSITION FROM EMERGENCY TO NEW NORMAL***

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**December 2<sup>nd</sup> 2021**

*Aula Magna  
Via Gobbi 5*

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<b>Registration</b>	13:30 - 14:30
<b>Welcome to the AIES 2021 Conference</b>	14:30 - 15:00
<i>Key- note speech</i>	15:00 - 16:30
<b>Special Opening Session</b>	16:30 - 18:00
<i>Social event</i>	18:15 - 19:00
<b>AIES annual assembly</b>	19:00 - 20:00

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**December 3<sup>rd</sup> 2021**

*SDA Bocconi  
Via Sarfatti 10*

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<b>Parallel Sessions 1</b>	8:45 - 10:15
<b>Parallel Sessions 2</b>	10:30 - 12:00
<b>Round Table</b>	12:00 - 13:30
<i>Light lunch</i>	13:00 - 14:30
<b>Parallel Sessions 3</b>	14:30 - 16:00
<b>Parallel Sessions 4</b>	16:15 - 17:45
<i>Closing</i>	17:45

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**Thursday, December 2<sup>nd</sup> 2021**  
*Aula Magna, Via Gobbi 5*

**13:30 – 14:30 Registration**

**14:30 – 15:00 Welcome to the AIES 2021 Conference**

*Aleksandra Torbica, AIES President and CERGAS Director*

*Rosanna Tarricone, SDA Bocconi Associate Dean for Government, Health and Not for Profit Division*

**15:00 – 16:30 Keynote speech**

**Universal Health Coverage: more than just old wine in a new bottle?**

*Prof. Eddy Van Doorslaer, Professor of Health Economics, Erasmus University Rotterdam*

**16:30 – 18:00 Special Opening Session**

***Exploring the impact of pandemic at different levels***

Vax Populi: Social Costs of Fake News on Childhood Vaccines

*Matilde Giaccherini, Joanna Kopinska, Gabriele Rovigatti*

Visiting Parents in Times of COVID-19: the Impact of Parent-adult Child Contacts on the Psychological Health of the Elderly

*Agar Brugiavini, Cinzia Di Novi, Cristina Elisa Orso*

Going Beyond Official Statistics: the Role of Economic News in Predicting Mental Health Needs

*Francesco Moscone, Sotiris Vandaros, Elisa Tosetti*

Understanding the long-haul COVID: persistent hospital visits among first wave patients in the Lombardy Region, Italy

*Simone Ghislandi, Yuxi Wang*

Healthcare Organizations' Managerial Response to Covid-19 Emergency: Lessons to be Learned from an Empirical Analysis

*Anna Prenestini, Marta Marsilio, Francesca Sacchi*

**18:15 – 19:00 Social event**

**19:00 – 20:00 AIES Annual Assembly**

*Friday, December 3rd 2021*

**8:45 – 10:15 Parallel Sessions 1**

**Session 1A**

**Investigating implications of Covid-19 pandemic for mental health**

*Room: C.E1.04*

*Chair: Cinzia Di Novi*

Women in Distress: Mental Health and the COVID-19 Pandemic

*Emilia Barili, Veronica Grembi, **Anna Cecilia Rosso***

Mental health and mobility restrictions during COVID-19: the Italian case

*Vincenzo Atella, Federico Belotti, Joanna Kopinska, **Francesca Marazzi**, Andrea Piano Mortari*

Studying informal care during the pandemic: mental health, gender and job status

***Joan Madia**, Francesco Moscone, Catia Nicodemo*

COVID Angels Fighting Daily Demons? Mental Health of Healthcare Workers and Religion *Emilia*

*Barili, Paola Bertoli, Veronica Grembi, **Veronica Rattini***

Well-being in Europe over the course of the COVID-19 pandemic and the role of government stringency

***Sebastian Himmler**, Job van Exel, Werner Brouwer*

**Session 1B**

**Covid-19 vaccination policies and role of technology**

*Room: C.E1.05*

*Chair: Francesca Lecci*

Jumping the queue. Willingness to pay for faster access to COVID-19 vaccines in seven European countries

***Sebastian Neumann-Böhme**, Iryna Sabat, Nirosha Elsem Varghese, Arthur E. Attema, Jonas Schreyögg, Werner Brouwer*

How to Pay Primary Care Physicians for Vaccination against COVID-19: An Overview of 43 EU and OECD Countries

***Ricarda Milstein**, Kosta Shatrov, Lea M. Schmutz, Rudolf Blankart*

Tackling wicked issues in performance management and governance of health prevention: an empirical analysis of vaccination strategies in Italy

***Guido Noto**, Anna Prenestini, Federico Cosenz, Gustavo Barresi*

Standardising policy and technology responses in the immediate aftermath of a pandemic: A comparative and conceptual framework

*Naomi Moy, **Marcello Antonini**, Mattias Kyhlstedt, Gianluca Fiorentini, Francesco Paolucci*

The COVID-19 pandemic in Italy: Policy and technology impact on health and non-health outcomes  
*Chiara Berardi, Marcello Antonini, Mesfin G. Genie, Giovanni Cotugno, Alessandro Lanteri, Adrian Melia, Francesco Paolucci*

**Session 1C**

**Exploring the impact of Covid-19 on health outcomes**

*Room: C.E1.06*

*Chair: Michela Meregaglia*

Education and COVID-19 excess mortality

*Piera Bello, Lorenzo Rocco*

Assessing the impact of the COVID-19 pandemic on patient-reported data in elective oncological robot-assisted surgery

*S. Manetti, Amerigo Ferrari, C.C. Zirafa, F. Melfi, M. Vainieri*

Ethnicity and Health at Work during the COVID-19

*Joan E. Madia, Catia Nicodemo*

Determinants of CoViD-19 infections among nursing home residents and staff: a case study of Tuscany

*Sara Barsanti, Anita Bunea, Emiliano Pardini*

Perceived health, health care access and mobility during the Covid-19 pandemic. Evidence from Northern Italy

*Barbara Bonvento, Martina Celidoni, Silvia Coretti, Chiara Dal Bianco, Vincenzo Rebba, Lorenzo Rocco, Federica Rossi*

**Session 1D**

**Economic sustainability of innovative healthcare technologies**

*Room: C.E1.07*

*Chair: Claudio Jommi*

An international perspective on business models for precision medicine

*Paola Roberta Boscolo, Fabio Amatucci*

Piano Operativo Regionale (POR) Recupero Liste di Attesa Ricoveri Chirurgici: premesse, pianificazione, risultati

*Alessandra Da Ros*

The economic impact of compassionate use of medicines

*Claudio Jommi, Federico Pantellini, Lisa Stagi, Maria Verykiou, Marianna Cavazza*

**Session 1E**

**Socio economic and geographical determinants of health**

*Room: C.E1.08*

*Chair: Aleksandra Torbica*

Looking for a star: evaluating the effect of the cohesion policy on regional well-being  
*Giuseppe Albanese, Vincenzo Carrieri, M. Maddalena Speziali*

Income-related equity in access to healthcare and in healthcare financing in a decentralized healthcare system: The case of Italian regions  
*Guido Citoni, Domenico De Matteis, Margherita Giammoni*

The Socioeconomic Status Gradient in Pain: A Cross-Country Analysis  
*Enrica Croda*

Risky Behaviours: A Matter of (Relative) Age  
*Luca Fumarco, Francesco Principe*

Regional devolution and productivity of the Italian hospital sector: Catching up or falling behind?  
*Calogero Guccio, Giacomo Pignataro*

## 10:30 – 12:00 Parallel Sessions 2

### Session 2A

#### Covid-19 diffusion and mitigation policies

*Room: C.E1.04*

*Chair: Marianna Cavazza*

The Impact of Face-Masks on Total Mortality: Heterogeneous Effects by Gender and Age, *Giacomo De Giorgi, M. Maddalena Speziali*

Consideration of others and consideration of future consequences predict cooperation in an acute Social Dilemma: An application to COVID-19  
*Merel van Hulsen, Kirsten Rohde, Job van Exel*

The impact of medical equipment shortage on COVID-19 mitigation in Italy. A nonparametric two-stage approach  
*Calogero Guccio, Giacomo Pignataro, Domenica Romeo*

Stima spazio-temporale della latenza tra picchi di casi Covid-19 ed eccessi nella mortalità in Italia: misura dell'efficacia del tracciamento grazie all'uso di dati Open  
*Matteo Scortichini, F. S. Mennini*

Impatto e costo efficacia delle strategie di testing di massa per il Covid 19: l'esperienza della ASL dell'Alto Adige  
*Marianna Cavazza, Marco Sartirana, Yuxi Wang*

### Session 2B

#### Covid-19, international governance and the role of national policies

*Room: C.E1.05*

*Chair: Lara Gitto*

Medicines shortages of COVID-19 relevant medication in Italy, Austria and Spain during the first months of the pandemic  
*Diana Ivonne Rodríguez Sánchez, Sabine Vogler*

Regional organizational response models to Covid-19 outbreak: one pandemic, one nation, different disaster management models  
*Americo Cicchetti, Concetta Cristofaro, Luca Giorgio, Roberta Laurita, Alessandra Pernice, Rocco Reina, Marzia Ventura, Walter Vesperi*

Voting, contagion and the trade-off between public health and political rights: quasi-experimental evidence from the Italian 2020 polls  
*Marco Mello, Giuseppe Moscelli*

The impact of Governmental counteracting measures to COVID-19 pandemic on retail trade: some preliminary evidence from Europe  
*Maria D. Giammanco, Lara Gitto*

The impact of COVID-19 outbreak on childbirth experience and the effectiveness of a measure to ensure labour companionship: results from an interrupted time series and qualitative analyses conducted in the Tuscany Region

*Ilaria Corazza, Manila Bonciani*

### **Session 2C**

#### **Diseases burden and economic evaluation of healthcare technologies**

*Room: C.E1.06*

*Chair: Vincenzo Atella*

The Economic Burden of Obesity in Italy: A Cost-of-Illness Study

*Margherita d'Errico, Milena Pavlova, Federico Spandonaro*

Lifetime obesity costs: new evidence using ECRs data from Italy

*Vincenzo Atella, Federico Belotti, Matilde Giaccherini, Andrea Piano Mortari*

Il cost-of-illness della sedazione palliativa nel setting assistenziale italiano

*Michele Basile, Americo Cicchetti*

Valutazione economica di un sistema di sanificazione a base di probiotici per la riduzione delle infezioni correlate all'assistenza e delle antibiotico-resistenze

*Rosanna Tarricone, Carla Rognoni, Luca Arnoldo, Sante Mazzacane, Elisabetta Caselli*

EQ-5D-5L population norms for Italy

*Michela Mereaglia, Aureliano P. Finch, Oriana Ciani, Claudio Jommi*

### **Session 2D**

#### **Exploring new methods in health economics research**

*Room: C.E1.08*

*Chair: Benedetta Pongiglione*

Optimal consumption, portfolio, and long term insurance in a dynamic framework

*Lucia Laporatti, Rosella Levaggi, Francesco Menoncin, Raffaele Miniaci*

Investigating suitability of real-world data for cost and outcome analysis of medical devices: the case of administrative data in Lombardy Region

*Benedetta Pongiglione, Aleksandra Torbica*

An EQ-5D-5L value set for Italy using videoconferencing interviews and feasibility of a new mode of administration

*Aureliano P. Finch, Ludovica Borsoi, Camilla Falivena, Rachele Freddi, Bram Roudijk*

**Session 2E**

**Measuring performance and productivity of healthcare systems**

*Room: C.E1.07*

*Chair: Francesca Ferrè*

Understanding productivity in maternity wards

*Marina Di Giacomo, Massimiliano Piacenza, Luca Salmasi, Gilberto Turati*

Comparing risk adjustment estimation methods under data availability constraints

*Marica Iommi, Savannah Bergquist, Gianluca Fiorentini, Francesco Paolucci*

Incorporating health equity in hospital performance measurement in LMICs: first results using microdata from two sub-Saharan countries

*Margherita Giannoni, Paolo Belardia, Ilaria Corazza, Nicolò Borria, Chiara Seghieri,  
Fabio Manenti, Milena Vainieri*

Including the patients' voice in performance evaluation systems: healthcare systems towards a performance governance model

*Sabina De Rosis, Francesca Pennucci, Francesca Ferrè*



**12:00 – 13:00 Round table**

*Aula 300, Via Sarfatti 10*

**“Building back better” Italian SSN: mission (6) possible?**

Moderator: Aleksandra Torbica, AIES President

*Participants:*

Massimo Annicchiarico – Regione Lazio  
Luigi Bertinato – Istituto Superiore Sanità  
Elena Bottinelli – Gruppo San Donato  
Carlo Nicora – FIASO

**13:00 – 13:45 Light Lunch (Group 1)**

**13:45 – 14:30 Light Lunch (Group 2)**

*Materia Restaurant*

**14:30 – 16.00 Parallel Sessions 3**

**Session 3A**

**Economic policies and health**

*Room: C.E1.04*

*Chair: Paolo Pertile*

The effect of minimum wages on health in China

*Dan Liu, Gilberto Turati, Silvana Robone*

Severe Health Shocks and Disability Take-Up in Italy: Targeting, Choices and Timing

*Irene Simonetti*

The Returns to Preventing Chronic Disease in Europe and the United State

*Vincenzo Atella, Federico Belotti, Dana Goldman, **Andrea Piano Mortari**, Martha S. Ryan, Bryan Tysinger, Jeffrey C Yu*

A dynamic reimbursement mechanism for health service provision under asymmetric information

*Rosella Levaggi, Michele Moretto, **Paolo Pertile***

**Session 3B**

**Expanding horizons of health outcomes measurement**

*Room: C.E1.05*

*Chair: Vincenzo Carrieri*

Should I care for my mum or for my kid? Sandwich generation and depression burden in Italy

*Elenka Brenna*

Screening, diagnoses, and mortality in Europe: the breast cancer puzzle

*Vincenzo Carrieri, Sophie Guthmuller, Ansgar Wübker*

Bio-psycho-social frailty and its effects on healthcare consumption among elderly Europeans: a cross-national longitudinal analysis

*Stefano Calciolari, **Cecilia Luini***

Uncovering Sources of Heterogeneity in the Effect of Maternal Smoking on Birth Weight and APGAR Score

*Johanna Zenzen*

**Session 3C**

**Healthcare management issues and role of research**

*Room: C.E1.06*

*Chair: Fabio Amatucci*

Doctor managers managerial attitude scale- an updating process

*Federica Morandi, Fausto De Vincenzo, Americo Cicchetti*

That colleague knows the answer! An explanatory study on team characteristics and boundary spanning ties in healthcare organizations

*Roberta Laurita, Luca Giorgio, Americo Cicchetti*

Dealing with pluralism: managerial work of CEOs in Italian public healthcare organizations

*Federico Lega, Andrea Rotolo, Marco Sartirana*

Nursing Home Staff Experiences During the COVID-19 Pandemic

*Sara Barsanti, Giulia Colombini, Virginia Sommati*

Il ricorso all'accordo-quadro per gli acquisti in emergenza Covid. Flessibilità dello strumento e aspetti di criticità

*Fabio Amatucci, Giuditta Callea*

**Session 3D**

**Governance of healthcare organizations and impact on health**

*Room: C.E1.07*

*Chair: Simone Ghislandi*

Could Next Generation EU strategy innovate European Healthcare Systems? A documental analysis of National Recovery and Resilience Plans

*Monica Giancotti, Marianna Mauro*

Hospital Closure and Patient Outcomes: Evidence from AMI emergency admissions in Italy

*Simone Ghislandi, Anna Renner, Benedetta Scotti, Nirosha Elsem Varghese*

An Experimental Assessment of National Health Guidelines as Soft Regulatory Instrument

*Domenica Romeo*

Do managerial incentives matter? The effect on hip fracture surgery delays and outcomes, *Mattia Lippi Bruni, Rossella Verzulli*

Determinants of consumer behavior in drug purchase: patient vs physician

*Emilia Barili, Lucia Leporatti, Marcello Montefiori*

**Session 3E**

**Investigation the role of technology and innovation in healthcare**

*Room: C.E1.08*

*Chair: Patrizio Armeni*

Impact of a telehealth solution for COVID-19 positive patients managed by an Italian Hospital

*Rossella Di Bidino, Francesco Lombardi, **Jacopo Simonetti**, Maria Rita Andreani, Luca Richeldi, Giovanni Arcuri*

Are physicians aware about their preferences when choosing a technology?

Evidence from Italian orthopaedists using two different stated preference methods

***Patrizio Armeni**, Michela Meregaglia, Ludovica Borsoi, Giuditta Callea, Aleksandra Torbica, Rosanna Tarricone*

Technostress: a review in healthcare

***Alessandra Pernice**, Luca Giorgio, Federica Morandi, Americo Cicchetti*

Technology and innovation adoption in healthcare and management literature: a shared or different vision

***Francesca De Domenico**, Maria Cristina Cinici, Alba Marino, Daniela Baglieri*

## 16:15 – 17:45 Parallel Sessions 4

### Session 4A

#### Community and social care in post-covid era

*Room: C.E1.04*

*Chair: Elisabetta Notarnicola*

L'Ospedale di Comunità nell'era del COVID: l'esperienza di riorganizzazione dei setting di cure intermedie

*Francesco Bellomo*

Nudging hand hygiene in residential homes: a pilot study among health workers in northern Italy

*Beatrice Braut, Giorgia Gon, Tiziana Medda, Daniele Pennesi*

Gli ospedali di comunità in Italia: passato, presente e futuro

*Giovanni Fattore, Francesca Meda, Michela Meregaglia*

Anziani e demenze: stato di implementazione dei Piani Regionali Demenze e legame con la rete socio-sanitaria

*Sara Berloto, Francesco Longo, Elisabetta Notarnicola, Eleonora Perobelli, Andrea Rotolo*

La crescita delle prestazioni previdenziali: un'analisi delle determinanti per l'Italia

*F.S. Mennini, Claudia Nardone, Simone Gazzillo, V. Sciannamea, R. Migliorini, M. Trabucco Aurilio*

### Session 4B

#### Lessons learned from Covid crisis: role of healthcare systems and citizen perception

*Room: C.E1.05*

*Chair: Carla Rognoni*

Dealing with COVID-19 vaccination hesitancy: an exploration of the Italian NHS online communication from a citizens' perspectives

*Luca Pirrotta, E. Guidotti, G. Venturi, S. De Rosis*

La soddisfazione della popolazione italiana rispetto ai servizi sanitari regionali in epoca pandemica

*Alessandra Da Ros, Paola Cantarelli*

Risposta all'emergenza covid-19, percezione del rischio e comunicazione - l'indice "KS" per la preventiva valutazione delle differenze nella percezione di rischio a livello territoriale

*Guido Signorino*

### Session 4C

#### Pricing, reimbursement and evaluation of healthcare technologies

*Room: C.E1.06*

*Chair: Giuditta Callea*

The introduction of new DAA drugs for the treatment of HCV: economic impact and clinical outcome

*Martina Garbarino, **Marta Giachello**, Lucia Leporatti, Marcello Montefiori, Barbara Rebesco*

Determinants of price for orphan medicines in Italy

***Claudio Jommi**, Elisabetta Listorti, Federico Villa, Simone Ghislandi, Armando Genazzani, Agnese Cangini, Francesco Trotta*

Estimating medical device recall-related costs from the perspective of the healthcare provider

***Camilla Falivena**, Giuditta Callea, Alessandro Furnari, Oriana Ciani, Rosanna Tarricone*

Recommendations for the design and implementation of an Early Feasibility Studies program for medical devices in Italy

***Giuditta Callea**, Carlo Federici, Rachele Freddi, Rosanna Tarricone*

La vaccinazione anti-Hpv dell'adolescente: l'impatto della pandemia da COVID-19 e proposte organizzative per la "ripartenza" Il ricorso all'accordo-quadro per gli acquisti,

***Francesco Saverio Memmini**, Andrea Marcellusi, M. Conversano, A. Silenzi*

### Session 4D

#### Health care systems under stress-test: looking beyond

*Room: C.E1.07*

*Chair: Anna Prenestini*

L'impatto dell'emergenza da COVID-19 sull'attività ospedaliera della AOU Città della Salute e della Scienza di Torino

***Paolo Sciattella**, E. Caiazza, D. Barilà, F.S. Memmini, F. Cattel*

Configurazione dell'offerta ospedaliera nazionale: dinamiche evolutive delle principali specialità medico-chirurgiche nel 2010-2020 e prospettive future alla luce del Covid-19

***Claudio Buongiorno Sottoriva**, Alessandro Furnari, Alberto Ricci*

Accounting for the crisis: the case of the healthcare sector

*C. Cavicchi, **Chiara Oppi**, E. Vagnoni*

Health care systems under stress-test: lessons learned and implications for research and policy

*Michela Bobini, **Gianmario Cinelli**, Francesco Longo*

How should ICU beds be allocated during a crisis? Evidence from the COVID-19 pandemic

***Merel van Hulsen**, Charlotte Dieteren, Kirsten Rohde, Job van Exel*



### 1st Floor Executive Building, SDA Bocconi

