

Italian Health Economics Association (AIES)
26th Annual Conference

SAILING THROUGH THE STORM:

HEALTHCARE SYSTEMS IN TRANSITION FROM EMERGENCY TO NEW NORMAL

December 2nd 2021

*Aula Magna
Via Gobbi 5*

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

December 3rd 2021

*SDA Bocconi
Via Sarfatti 10*

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

Thursday, December 2nd 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

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 Giannoni

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 Meregaglia, 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 Leporatti, 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

Vax Populi: Social Costs of Fake News on Childhood Vaccines

Matilde Giaccherini, Joanna Kopinska, Gabriele Rovigatti

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 - 13:30 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
Giovanni Migliore - FIASO

13:30 - 14:15 Light Lunch
Catering area

14:15 – 15:45 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 Zenzes

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*

16:00 – 17:30 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: Alberto Ricci

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

Covid-19 diffusion and effects. Do the characteristics of healthcare systems matter?

V. Baldo, G. Boccuzzo, A. Buja, M. Celidoni, Silvia Coretti, O. Paccagnella, M. Paganini, V. Rebba, M. Scioni

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 Mennini**, 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. Mennini, 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

