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RESEARCHER

**Health Economics and HTA**

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# Biography

Carla Rognoni is Researcher of Health Economics & HTA within the Government, Health and Not for Profit Knowledge Group of SDA Bocconi School of Management.

She started the collaboration with CERGAS Bocconi in 2008. At SDA Bocconi Carla coordinates and works actively on different research projects in health economics involving either pharmacological treatments or medical devices with Abbvie, BD, Boston Scientific, Johnson & Johnson, Novartis, Vifor Pharma and many others. She frequently develops project proposals and manages also ethical aspects by interacting with the Bocconi Ethics Committee.

Her research activities focus on a variety of topics related to health technology assessment (HTA) in both public health and clinical medicine: economic evaluations, evaluation of quality of life, cost-effectiveness and budget impact analyses, decision modelling (including Markov processes) and preparation of deliverables for market access purposes.

She published on health economic topics more than 130 papers/abstracts (more than 60 indexed in Pubmed, H-index 20) and few book chapters. Her works have been published in Value in Health, Journal of Comparative Effectiveness Research, Clinical Therapeutics, Clinical Drug Investigation, Lancet Oncology, Scientifi Reports, Medical Decision Making and many other Journals. Carla serves as reviewer for various international Journals. She is a member of Italian Health Economics Association (AIES) and International Society for Pharmacoeconomics and Outcome Research (ISPOR). She was also appointed from 2016 to 2019 as a member (expert in pharmacoeconomics) of the Drugs Committee at IRCCS Policlinico San Matteo in Pavia, Italy.

Carla earned a MSc in Computer Science and Engineering from the University of Pavia and a PhD in Bioengineering and Bioinformatics (cum laude), awarded based on her research on the topics of decision analysis (cost-effectiveness analysis, cost-utility analysis and modelling of Markov processes) in the prevention of sudden deaths caused by long QT-syndrome.

## Teaching domains

Health Technology Assessment

Quality of Life

Markov Models

Meta-Analysis

Systematic Reviews

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## ARTICLES IN SCHOLARLY JOURNALS

FORNARO G., FEDERICI C. B., ROGNONI C., CIANI O.

**Broadening the Concept of Value: A Scoping Review on the Option Value of Medical Technologies**

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**Investigating Patients' Preferences to Inform Drug Development Decisions: Novel Insights from a Discrete Choice Experiment in Migraine**

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**Venous stenting for patients with outflow obstruction and leg ulcers: cost-effectiveness and budget impact analyses**

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**Apixaban, Dabigatran, and Rivaroxaban Versus Warfarin for Stroke Prevention in Non-Valvular Atrial Fibrillation: A Cost-Effectiveness Analysis**

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**Hematopoietic stem cell transplantation for children with high-risk acute lymphoblastic leukemia in first complete remission: a report from the AIEOP registry**

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**Allogeneic Hematopoietic Stem Cell Transplantation for Philadelphia-Positive Acute Lymphoblastic Leukemia in Children and Adolescents: A Retrospective Multicenter Study of the Italian Association of Pediatric Hematology and Oncology (AIEOP)**

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**Cost-Effectiveness and Cost-Utility of Beclomethasone/Formoterol versus Fluticasone Propionate/Salmeterol in Patients with Moderate to Severe Asthma**

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CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

ROGNONI C., TARRICONE R., TORBICA A., NICA M., COLOMBO D.

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ROGNONI C.

**Economic Modeling and Budget Impact Analysis in Abdominal Surgery: The Case of Mesh** in *Abdominal Wall Surgery*

Dalila Patrizia Greco, Elio Borgonovi(Ed), Springer International Publishing, pp.157-166, 2019

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**Organization and Certification of Abdominal Wall Surgery** in *Abdominal Wall Surgery*

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## PROCEEDINGS/PRESENTATIONS

TARRICONE R., ROGNONI C., ARNOLDO L., MAZZACANE S., CASELLI E.

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

*Italian Health Economics Association (AIES), 26th Annual Conference, 2-3 December, 2021, Milano, Italy*

ROGNONI C., TARRICONE R., CASELLI E., ARNOLDO L., MAZZACANE S.

**A Probiotic-Based Sanitation System for the Reduction of Healthcare Associated Infections and Antimicrobial Resistances: A Budget Impact Analysis**

*EUHEA Conference (virtual), 9 July, 2020, Oslo, Norway*

FORNARO G., FEDERICI C. B., ROGNONI C., CIANI O.

**Broadening the Concept of Value: A Scoping Review on the Option Value of Medical Technologies**

*EUHEA Conference (virtual), 9 July, 2020, Oslo, Norway*

ROGNONI C., FEDERICI C. B., CIANI O.

**Comparazione di Strategie Alternative di Modellizzazione per Analisi Costo-Efficacia: Applicazione al Trattamento in Prima Linea per Pazienti con Mieloma Multiplo non Eleggibili a Trapianto**

*AIES (Italian Health Economics Association), 24th Annual Conference, 3-4 October, 2019, Pisa, Italy*

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