

Carlo Baldassarre Federici

HEALTH ECONOMICS AND HTA

ARTICLES IN SCHOLARLY JOURNALS

FEDERICI C. B., ROGNONI C., COSTA F., ARMENI P., CROVATO E., BELLUCCI S.

Use of Resource Modeling to Quantify the Organizational Impact of Subcutaneous Formulations for the Treatment of Oncologic Patients: The Case of Daratumumab in Multiple Myeloma

Clinical Therapeutics, 2022, vol.44, no. 11, pp.1480-1493

ISKANDAR R., FEDERICI C. B., BERNS C., BLANKART C. R.

An approach to quantify parameter uncertainty in early assessment of novel health technologies

Health Economics, 2022, vol.31, no. S1, pp.116-134

DRUMMOND M., FEDERICI C. B., RECKERS-DROOG V., TORBICA A., BLANKART C. R., CIANI O., KALÓ Z., KOVÁCS S., BROUWER W.

Coverage with evidence development for medical devices in Europe: Can practice meet theory?

Health Economics, 2022, vol.31, no. S1, pp.179-194

FEDERICI C. B., PECCHIA L.

Exploring the misalignment on the value of further research between payers and manufacturers. A case study on a novel total artificial heart

Health Economics, 2022, vol.31, no. S1, pp.98-115

KOVÁCS S., KALÓ Z., DAUBNER-BENDES R., KOLASA K., HREN R., TESAR T., RECKERS-DROOG V., BROUWER W., FEDERICI C. B., DRUMMOND M., ZEMPLÉNYI A. T.

Implementation of coverage with evidence development schemes for medical devices: A decision tool for late technology adopter countries

Health Economics, 2022, vol.31, no. S1, pp.195-206

CALLEA G., FEDERICI C. B., FREDDI R., TARRICONE R.

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

Expert Review of Medical Devices, 2022, vol.19, no. 4, pp.315-325

STOKES K., CASTALDO R., FEDERICI C. B., PAGLIARA S., MACCARO A., CAPPUCCIO F., FICO G., SALVATORE M., FRANZESE M., PECCHIA L.

The use of artificial intelligence systems in diagnosis of pneumonia via signs and symptoms: A systematic review

Biomedical Signal Processing and Control, February, 2022, vol.72, Part A, pp.103325

FEDERICI C. B., RECKERS-DROOG V., CIANI O., DAMS F., GRIGORE B., KALÓ Z., KOVÁCS S., SHATROV K., BROUWER W., DRUMMOND M.

Coverage with evidence development schemes for medical devices in Europe: characteristics and challenges

The European Journal of Health Economics, 2021, vol.22, pp.1253-1273

- BLANKART C. R., DAMS F., PENTON H., KALÓ Z., ZEMPLÉNYI A., SHATROV K., ISKANDAR R., FEDERICI C. B.
Regulatory and HTA early dialogues in medical devices
Health Policy, 2021, vol.125, no. 10, pp.1322-1329
- FEDERICI C. B., PECCHIA L.
Early health technology assessment using the MAFEIP tool. A case study on a wearable device for fall prediction in elderly patients
Health and Technology, 2021, vol.11, no. 5, pp.995-1002
- FATTORE G., FEDERICI C. B., DRUMMOND M., MAZZOCCHI M., DETZEL P., HUTTON Z. V., SHANKAR B.
Economic evaluation of nutrition interventions: Does one size fit all?
Health Policy, 2021, vol.125, no. 9, pp.1238-1246
- FORNARO G., FEDERICI C. B., ROGNONI C., CIANI O.
Broadening the Concept of Value: A Scoping Review on the Option Value of Medical Technologies
Value in Health, 2021, vol.24, no. 7, pp.1045-1058
- FEDERICI C. B., FORNARO G., ROEHR C. C.
Cost-saving effect of early less invasive surfactant administration versus continuous positive airway pressure therapy alone for preterm infants with respiratory distress syndrome
European Journal of Hospital Pharmacy, 2021, pp.ejhpharm-2020-002465
- TARRICONE R., AMATUCCI F., ARMENI P., BANKS H., BORSOI L., CALLEA G., CIANI O., COSTA F., FEDERICI C. B., TORBICA A., MARLETTA M.
Establishing a national HTA program for medical devices in Italy: Overhauling a fragmented system to ensure value and equal access to new medical technologies
Health Policy, 2021, vol.125, no. 5, pp.602-608
- DRUMMOND M., FEDERICI C. B., BUSINK E., APEL C., KENDZIA D., BROUWER W.
Performance-based risk-sharing agreements in renal care: current experience and future prospects
Expert Review of Pharmacoeconomics & Outcomes Research, 5 March, 2021, pp.1-13
- GRIGORE B., CIANI O., DAMS F., FEDERICI C. B., DE GROOT S., MÖLLENKAMP M., RABBE S., SHATROV K., ZEMPLÉNYI A., TAYLOR R. S.
Surrogate Endpoints in Health Technology Assessment: An International Review of Methodological Guidelines
Pharmacoeconomics, 2020, vol.38, no. 10, pp.1055-1070
- BARCHIESI M., BULGHERONI M., FEDERICI C. B., CASELLA F., MEDICO M. D., TORZILLO D., POPESCU J. V., TARRICONE R., COGLIATI C.
Impact of point of care ultrasound on the number of diagnostic examinations in elderly patients admitted to an internal medicine ward
European Journal of Internal Medicine, 2020, vol.79, pp.88-92
- PIRC E., FEDERICI C. B., BOŠNJAK M., PERIC B., REBERŠEK M., PECCHIA L., GLUMAC N., CEMAŽAR M., SNOJ M., SERŠA G., MIKLAVČIČ D.
Early Cost-effectiveness Analysis of Electrochemotherapy as a Prospect Treatment Modality for Skin Melanoma
Clinical Therapeutics, 2020, vol.42, no. 8, pp.1535-1548.e2
- RECKERS-DROOG V., FEDERICI C. B., BROUWER W., DRUMMOND M.
Challenges with coverage with evidence development schemes for medical devices: A systematic review
Health Policy and Technology, 2020, vol.9, no. 2, pp.146-156
- CIANI O., FEDERICI C. B.
Value Lies in the Eye of the Patients: The Why, What, and How of Patient-Reported Outcomes Measures
Clinical Therapeutics, January, 2020, vol.42, no. 1, pp.25-33
- CIANI O., FEDERICI C. B., FORNARO G., ROGNONI C.
Value-based healthcare: Il nuovo approccio di AIFA alla determinazione multidimensionale del valore
Global & Regional Health Technology Assessment: Italian; Northern Europe and Spanish, 2020, vol.7, no. 1,

pp.9-13

FEDERICI C. B., DETZEL P., PETRACCA F., DAINELLI L., FATTORE G.

The impact of food reformulation on nutrient intakes and health, a systematic review of modelling studies
BMC Nutrition, 2019, vol.5, no. 2

FEDERICI C. B., PEREGO F., BORSOI L., CROSTA V., ZANICHELLI A., GIDARO A., TARRICONE R., CICARDI M.
Costs and effects of on-demand treatment of hereditary angioedema in Italy: a prospective cohort study of 167 patients

BMJ, 2018, vol.8, no. 7, pp.e022291

POLISENA J., CASTALDO R., CIANI O., FEDERICI C. B., BORSCI S., RITROVATO M., CLARK D., PECCHIA L.
Health Technology Assessment Methods Guidelines For Medical Devices: How Can We Address The Gaps? The International Federation Of Medical And Biological Engineering Perspective

International Journal of Technology Assessment in Health Care, 2018, vol.34, no. 3, pp.276-289

FEDERICI C. B., CAVAZZA M., COSTA F., JOMMI C., DE BOER P. T.

Health care costs of influenza-related episodes in high income countries: A systematic review

Plos One, 2018, vol.13, no. 9, pp.e0202787

CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

ARDITO V., FEDERICI C. B., FURNARI A., CIANI O., TARRICONE R.

Esiti di salute e performance del Servizio Sanitario Nazionale in *Rapporto OASI 2022*

CERGAS (Eds),Egea, chap. 7, pp.285-346, 2022

ARDITO V., CIANI O., FEDERICI C. B., FURNARI A., FINCH A., JOMMI C., MALANDRINI F., MEREGAGLIA M., TARRICONE R.

Esiti di salute e performance del Servizio Sanitario Nazionale in *Rapporto OASI 2021*

Cergas (Eds),Egea, chap. 7, pp.303-359, 2021

CIANI O., FEDERICI C. B., FURNARI A., PONGIGLIONE B., TARRICONE R.

Esiti di salute e performance del Servizio Sanitario Nazionale in *Rapporto OASI 2020*

CERGAS (Eds),Egea, chap. 7, pp.291-343, 2020

CALLEA G., FEDERICI C. B., CIANI O., AMATUCCI F., BORSOI L., TARRICONE R., MARLETTA M.

Integrating HTA Principles into Procurement of Medical Devices: The Italian National HTA Programme for Medical Devices in *XV Mediterranean Conference on Medical and Biological Engineering and Computing – MEDICON 2019*

Jorge Henriques, Nuno Neves, Paulo de Carvalho (Eds),Springer International Publishing, pp.1777-1782, 2020

CIANI O., FEDERICI C. B.

Introduction to economic evaluation and health technology assessment in *Clinical Engineering Handbook*

Iadanza, Ernesto (Eds),Elsevier, pp.789-793, 2020

ARMENI P., COSTA F., CALLEA G., BORSOI L., CAVALLO M. C., CIANI O., FEDERICI C. B., TARRICONE R., TORBICA A.

Dinamiche economiche e performance del settore dei dispositivi medici in Italia in *Rapporto OASI 2019*

CERGAS (Eds),Egea, chap. 17, pp.643-680, 2019

CIANI O., FEDERICI C. B., FURNARI A., TARRICONE R.

Esiti di salute e performance del Servizio Sanitario Nazionale in *Rapporto OASI 2019*

CERGAS (Eds),Egea, chap. 7, pp.275-312, 2019

CIANI O., FEDERICI C. B., FURNARI A., TARRICONE R.

Gli esiti di salute del Servizio Sanitario Nazionale in *Rapporto OASI 2018. Osservatorio sulle aziende e sul sistema sanitario italiano*

CERGAS (Eds),Egea, pp.277-317, 2018

CIANI O., FEDERICI C. B., PECCHIA L.

The evaluation of medical devices: are we getting closer to solve the puzzle? A review of recent trends in *EMBEC & NBC 2017*

Hannu Eskola, Outi Väisänen, Jari Viik, Jari Hyttinen (Eds),Springer Singapore, pp.916-919, 2018

BOSCOLO P., CIANI O., FEDERICI C., FURNARI A., TARRICONE R.

Gli esiti di salute del Servizio Sanitario Nazionale in *Rapporto OASI 2017. Osservatorio sulle aziende e sul sistema sanitario italiano*

CERGAS (Eds),Egea, chap. 2, pp.29-87, 2017

TARRICONE R., CIANI O., AMATUCCI F., ARMENI P., BORSOI L., CALLEA G., COSTA F., FEDERICI C., TORBICA A., MARLETTA M.

Programma Nazionale HTA per dispositivi medici: prove tecniche di implementazione in *Rapporto OASI 2017*

CERGAS (Eds),Egea, chap. 15, pp.535-553, 2017

CIANI O., FEDERICI C. B., TARRICONE R.

Current and Future Trends in the HTA of Medical Devices in *XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016*

Efthymou Kyriacou, Stelios Christofides, Constantinos S. Pattichis (Eds),Springer International Publishing, pp.1345-1348, 2016

COMMENTS, DISCUSSIONS, REPLIES IN JOURNAL

FEDERICI C. B., TORBICA A.

Expanding the Role of Early Health Economic Modelling in Evaluation of Health Technologies Comment on "Problems and Promises of Health Technologies: The Role of Early Health Economic Modeling"

2020, International Journal of Health Policy and Management

EDITORIALS IN JOURNAL

FEDERICI C. B., ARMENI P., CALLEA G.

A Value-based Revolution in Health Care: Perspectives, Challenges, and Emerging Approaches to Defining and Measuring the Value of Health Care Technologies

2020, Clinical Therapeutics

EDITORSHIP OF SPECIAL ISSUES

ARMENI P., CALLEA G., FEDERICI C. B.

Pharmacoconomics, Outcomes, and Health Policy Update

2020, Clinical Therapeutics

PROCEEDINGS/PRESENTATIONS

CALLEA G., FEDERICI C. B., FREDDI R., TARRICONE R.

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

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

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

TORBICA A., PONGIGLIONE B., CIANI O., PETRACCA F., FEDERICI C. B.

Pushing the Boundaries of Existing Methods for Cost and Outcome Analysis of Medical Technologies: First Results from H2020 EU Project COMED

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

CALLEA G., FEDERICI C. B.

Cost-effectiveness analysis of radiofrequency ablation in patients with Barrett Esophagus and high grade dysplasia in Italy

ISPOR Conference, May 18-22, 2019, New Orleans, LA, United States of America

ARMENI P., FEDERICI C. B., COSTA F., TARRICONE R., TORBICA A., CALLEA G.

Inclusion Of Learning Curve Effects In Economic Evaluations Of Medical Devices- Empirical Evidence For Hta

ISPOR 22nd Annual International Meeting - May 20-24, 2017, Boston, MA, United States of America
