

Oriana Ciani

Associate Professor of Practice



Knowledge Group: Government, Health and Not for Profit

Research Domains: Health Economics and HTA

Teaching Domains: Outcome Research, Systematic Reviews, Economic Evaluations of Drugs, Health Technology Assessment, Medical Devices and Healthcare Programs

oriana.ciani@unibocconi.it

Articles in Scholarly Journals

Design and Features of Pricing and Payment Schemes for Health Technologies: A Scoping Review and a Proposal for a Flexible Need-Driven Classification

ARDITO, V., O. CIANI, M. DRUMMOND, "Design and Features of Pricing and Payment Schemes for Health Technologies: A Scoping Review and a Proposal for a Flexible Need-Driven Classification", *PharmacoEconomics*, 2025, vol. 43, pp. 5-29

Machine Learning-Assisted Health Economics and Policy Reviews: A Comparative Assessment

CAVALLARO, L., V. ARDITO, M. DRUMMOND, O. CIANI, "Machine Learning-Assisted Health Economics and Policy Reviews: A Comparative Assessment", *Applied Health Economics and Health Policy*, 2025, vol. 23, pp. 639-647

Press releases of industry-sponsored clinical trials in oncology: Characteristics, timing and financial impact

VALSECCHI, A. A., C. CONTE, N. M. FIORE, M. L. IACOVINO, D. IERACE, L. GALEASSO, E. PAGANONI, O. CIANI, F. PERRONE, M. DI MAIO, "Press releases of industry-sponsored clinical trials in oncology: Characteristics, timing and financial impact", *Journal of Cancer Policy*, 2025, vol. 44, pp. 100587

A mobile supportive care app for patients with metastatic lung cancer: the Lung Cancer App (LuCApp) randomized controlled trial

PONGIGLIONE, B., M. CUCCINIELLO, F. PETRACCA, O. CIANI, S. NOVELLO, M. MIGLIORINO, P. PEDRAZZOLI, F. AGUSTONI, G. LO RUSSO, R. TARRICONE, E. CAPELLETTO, "A mobile supportive care app for patients with metastatic lung cancer: the Lung Cancer App (LuCApp) randomized controlled trial", *Supportive Care in Cancer*, 2025, vol. 33, pp. 641

Patient-reported outcomes (PROs) in clinical trials and in clinical practice: report from the XXI national conference of the Italian Association of Medical Oncology (AIOM)

PUCCINI, A., G. VISCARDI, O. CIANI, F. EFFICACE, A. PIATTELLI, G. D. BERETTA, D. PETRUZZELLI, P. POPOLI, F. DE LORENZO, F. LONGO, M. ZIBELLINI, L. GITTO, A. BRUNELLO, E. MAIELLO, A. SERVETTO, M. PAGLIUCA, A. RAIMONDI, L. MARANDINO, S. CINIERI, E. IANNELLI, C. I. RIPAMONTI, P. BOSSI, G. NUMICO, T. LATIANO, C. PINTO, S. QUAGLINI, L. LOCATI, G. GUSSONI, G. MIGNONE, P. M. CARRERA, E. BASCH, M. DI MAIO, F. PERRONE, "Patient-reported outcomes (PROs) in clinical trials and in clinical practice: report from the XXI national conference of the Italian Association of Medical Oncology (AIOM)", *BMJ Oncology*, 2025, vol. 4, no. 1, pp. e000783

Evidence on Patient Decision Aids and Shared Decision-Making Across Breast Centers in Europe: A Cross-Sectional Survey Study

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A Strategic Roadmap to Support Communication on and Acceptance of Surrogate Endpoints: The RENal Surrogacy accEpTance in Chronic Kidney Disease (RESET CKD) Collaboration

GARCIA SANCHEZ, J. J., M. TRAPERO-BERTRAN, O. CIANI, B. DETOURNAY, L. GESUALDO, H. J. L. HEERSPINK, L. A. INKER, S. SINHA, C. WANNER, D. J. LITTLE, M. SINSAKUL, Y.-S. NAM, R. S. TAYLOR, "A Strategic Roadmap to Support Communication on and Acceptance of Surrogate Endpoints: The RENal Surrogacy accEpTance in Chronic Kidney Disease (RESET CKD) Collaboration", *Advances in Therapy*, 2025, vol. 42, no. 11, pp. 5727-5741

Health-related quality of life assessment in trials testing tyrosine kinase inhibitors or immune checkpoints inhibitors in early-stage NSCLC

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Collaborative Funding Model to Improve Quality of Care for Metastatic Breast Cancer in Europe

AAPRO, M. S., J. WALDROP, O. CIANI, A. DRURY, T. WISEMAN, M. MASIERO, J. MATUSZEWSKA, S. PALUCH-SHIMON, G. PRAVETTONI, F. HENZE, R. WUERSTLEIN, M. ZAMBON, S. SIMÓN ROBLED A, P. PRESTI, N. FENDERICO, "Collaborative Funding Model to Improve Quality of Care for Metastatic Breast Cancer in Europe", *Current Oncology*, 2025, vol. 32, no. 10, pp. 547

Enhancing reporting and interpretation of surrogate endpoints in rehabilitation randomized controlled trials: a scoping review

FARIA, C. D., A. A. SCIANNI, A. M. MANYARA, R. S. TAYLOR, O. CIANI, J. C. POLESE, "Enhancing reporting and interpretation of surrogate endpoints in rehabilitation randomized controlled trials: a scoping review", *Disability and Rehabilitation*, 2025, pp. 1-18

Early budget impact analysis of magnetic balloon technology for facilitating the completion of difficult colonoscopies

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Surrogacy and the Valuation of ATMPs: Taking Our Place in the Evidence Generation/Assessment Continuum

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Surrogate Endpoints: A Key Concept in Clinical Epidemiology

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Which behaviour change techniques work best for diabetes self-management mobile apps? Results from a systematic review and meta-analysis of randomised controlled trials

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The development of an archive of patient-reported outcome measures (PROMs) in oncology: The Italian PRO4All project

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Sample size in multistakeholder Delphi surveys: at what minimum sample size do replicability of results stabilise?

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Outcomes of Patients With Early and Locally Advanced Lung Cancer: Protocol for the Italian Lung Cancer Observational Study (LUCENT)

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Artificial-Intelligence Cloud-Based Platform to Support Shared Decision-Making in the Locoregional Treatment of Breast Cancer: Protocol for a Multidimensional Evaluation Embedded in the CINDERELLA Clinical Trial

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Breast-cancer specific comprehensive archive of Patient-Reported Outcome Measures (PROMs) for clinical research and clinical practice in oncology: Results from the PRO4All project

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La governance delle terapie digitali: HTA, accesso e rimborso

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Assessing the long-term prognostic ability of the 70 gene expression signature MammaPrint in an Italian single-center prospective cohort study of early-stage intermediate-risk breast cancer patients

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EQ-5D-5L Population Norms for Italy

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Direct healthcare costs of non-metastatic castration-resistant prostate cancer in Italy

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Il ruolo degli esiti riferiti dal paziente nelle decisioni di rimborso e innovatività dei farmaci in Italia - The role of patient-reported outcomes in reimbursement decisions and drug innovation in Italy

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Evaluating Barriers and Facilitators to the Uptake of mHealth Apps in Cancer Care Using the Consolidated Framework for Implementation Research: Scoping Literature Review

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An accelerated access pathway for innovative high-risk medical devices under the new European Union Medical Devices and health technology assessment regulations? Analysis and recommendations

TARRICONE, R., H. BANKS, O. CIANI, W. BROUWER, M. DRUMMOND, R. LEIDL, N. MARTELLI, L. SAMPIETRO-COLOM, R. S. TAYLOR, "An accelerated access pathway for innovative high-risk medical devices under the new European Union Medical Devices and health technology assessment regulations? Analysis and recommendations", *Expert Review of Medical Devices*, 2023, vol. 20, no. 4, pp. 259-271

How are health technology assessment bodies responding to the assessment challenges posed by cell and gene therapy?

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Definitions, acceptability, limitations, and guidance in the use and reporting of surrogate endpoints in trials: A scoping review.

MANYARA, A. M., P. DAVIES, D. STEWART, C. J. WEIR, A. E. YOUNG, V. WELLS, J. BLAZEBY, N. J. BUTCHER, S. BUJKIEWICZ, A.-W. CHAN, G. S. COLLINS, D. DAWOUD, M. OFFRINGA, M. OUWENS, J. S. ROSS, R. S. TAYLOR, O. CIANI, "Definitions, acceptability, limitations, and guidance in the use and reporting of surrogate endpoints in trials: A scoping review.", *Journal of Clinical Epidemiology*, 2023, vol. 160, pp. 83-99

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Implementing shared decision-making interventions in breast cancer clinical practice: a scoping review

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Implementing preconception expanded carrier screening in a universal health care system: A model-based cost-effectiveness analysis

BUSNELLI, A., O. CIANI, S. CAROSELLI, M. FIGLIUZZI, M. POLI, P. E. LEVI-SETTI, R. TARRICONE, A. CAPALBO, "Implementing preconception expanded carrier screening in a universal health care system: A model-based cost-effectiveness analysis", Genetics in Medicine, 2023, vol. 25, no. 11, pp. 100943

A framework for the definition and interpretation of the use of surrogate endpoints in interventional trials

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A repeated cross-sectional analysis on the economic impact of SARS-CoV-2 pandemic at the hospital level in Italy

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

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Response to COVID-19: was Italy (un)prepared?

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Recommendations for developing a lifecycle, multidimensional assessment framework for mobile medical apps

TARRICONE, R., F. PETRACCA, M. CUCCINIELLO, O. CIANI, "Recommendations for developing a lifecycle, multidimensional assessment framework for mobile medical apps", Health Economics, 2022, vol. 31, no. S1, pp. 73-97

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

DRUMMOND, M., C. B. FEDERICI, V. RECKERS-DROOG, A. TORBICA, C. R. BLANKART, O. CIANI, Z. KALÓ, S. KOVÁCS, W. BROUWER, "Coverage with evidence development for medical devices in Europe: Can practice meet theory?", Health Economics, 2022, vol. 31, no. S1, pp. 179-194

Development of a framework and decision tool for the evaluation of health technologies based on surrogate endpoint evidence

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Surrogate end points in cardio-thoracic trials: a call for better reporting and improved interpretation of trial findings

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Disability weights for castration-resistant prostate cancer: an empirical investigation

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Protocol for the development of SPIRIT and CONSORT extensions for randomised controlled trials with surrogate primary endpoints: SPIRIT-SURROGATE and CONSORT-SURROGATE

MANYARA, A. M., P. DAVIES, D. STEWART, C. J. WEIR, A. YOUNG, N. J. BUTCHER, S. BUJKIEWICZ, A.-W. CHAN, G. S. COLLINS, D. DAWOUD, M. OFFRINGA, M. OUWENS, J. S. ROSS, R. S. TAYLOR, O. CIANI, "Protocol for the development of SPIRIT and CONSORT extensions for randomised controlled trials with surrogate primary endpoints: SPIRIT-SURROGATE and CONSORT-SURROGATE", BMJ Open, 2022, vol. 12, no. 10, pp. e064304

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Quo Vadis HTA for Medical Devices in Central and Eastern Europe? Recommendations to Address Methodological Challenges

DAUBNER-BENDES, R., S. KOVÁCS, M. NIEWADA, M. HUIC, M. DRUMMOND, O. CIANI, C. R. BLANKART, O. MANDRIK, A. TORBICA, J. YFANTOPOULOS, G. PETROVA, M. HOLOWNIA-VOLOSKOVA, R. S. TAYLOR, M. AL, O. PINIAZHKO, L. LORENZOVICI, R. TARRICONE, A. ZEMPLÉNYI, Z. KALÓ, "Quo Vadis HTA for Medical Devices in Central and Eastern Europe? Recommendations to Address Methodological Challenges", *Frontiers in Public Health*, 8 January 2021, vol. 8, pp. 612410

Distinguishing features in the assessment of mHealth apps

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Patient-Reported Outcome Measures in Core Outcome Sets targeted overlapping domains but through different instruments

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The Net Benefit of a treatment should take the correlation between benefits and harms into account

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Establishing a national HTA program for medical devices in Italy: Overhauling a fragmented system to ensure value and equal access to new medical technologies

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

Cost-effectiveness analysis of oral nutritional supplements with nutritional counselling in head and neck cancer patients undergoing radiotherapy

MARTIN, B., E. CEREDA, R. CACCIALANZA, P. PEDRAZZOLI, R. TARRICONE, O. CIANI, "Cost-effectiveness analysis of oral nutritional supplements with nutritional counselling in head and neck cancer patients undergoing radiotherapy", *Cost Effectiveness and Resource Allocation*, 15 June 2021, vol. 19, pp. 35

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

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Do existing real-world data sources generate suitable evidence for the HTA of medical devices in Europe? Mapping and critical appraisal

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

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