

INFORMAZIONI PERSONALI

Prof. Giorgio Lorenzo Colombo



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Data di nascita 20/09/1967 | Nazionalità Italiana

ESPERIENZA
PROFESSIONALE

2018 - oggi	<p>Direttore Scientifico CEFAT. Centro di Economia e valutazione del Farmaco e delle Tecnologie sanitarie - www.cefat.unipv.it Dipartimento di Scienze del Farmaco, Università degli Studi di Pavia</p>
2009 - oggi	<p>Editor-in-CHIEF ClinicoEconomics and Outcomes Research, an International peer-reviewed, indexed in pubmed open-access journal, https://www.dovepress.com/clinicoeconomics-and-outcomes-research-journal DOVE Medical Press, London, UK</p>
2002 - oggi	<p>Professor of Practice presso il corso ordinario di Organizzazione Aziendale Dipartimento di Scienze del Farmaco, Laurea Magistrale in Farmacia Università degli Studi di Pavia</p>
1995 - oggi	<p>Direttore Scientifico e Senior Partner Manager Centro di ricerca S.A.V.E. Studi Analisi Valutazioni Economiche S.r.l, Milano www.savestudi.it Consulenza e formazione in farmacoeconomia ed economia sanitaria</p>
2014 - 2022	<p>Coordinatore Scientifico Master II livello Marketing Management nel Settore Farmaceutico – MAMAF- www.mamaf.it Università degli Studi di Pavia</p>
2005 - 2009	<p>Amministratore Delegato e Presidente W.H.E.R.E. Medical Press S.r.l. Editore medico-scientifico</p>

ISTRUZIONE E FORMAZIONE

- 2001 **Expert nella valutazione socio-economica dei farmaci, economia sanitaria**
 University of York, UK

 - York Expert Workshop in the Socio Economic Evaluation of Medicines, Health Economics
- 1993 – 1994 **MSc in Ingénierie de la Formation Continue**
 Milano, Enaip e Gréta Léman, Annemasse, France
- 1987 – 1992 **Laurea in Economia**
 Università Cattolica del Sacro Cuore, Milano

COMPETENZE PERSONALI

Lingua madre Italiano

Altre lingue

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
C1	C1	B2	C1	C1

Livelli: A1/2 Livello base - B1/2 Livello intermedio - C1/2 Livello avanzato
 Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative Ottime competenze comunicative acquisite durante le numerose esperienze di relatore presso convegni, corsi di formazione e docenza universitaria

Competenze organizzative e gestionali Efficace direzione di gruppi di lavoro polifunzionali, capacità di leadership (attualmente responsabile di un team di 12 persone).

Patente di guida A, B

ULTERIORI INFORMAZIONI

E' membro di comitati scientifici di delle seguenti riviste peer-review internazionali indicizzate

- Clinico Economics and Outcomes Research Journal (EDITOR in CHIEF)
- Patient Reported Outcome Measures Journal
- Drug, Healthcare and Patient Safety Journal
- Journal - Health Services Insights

MEMBRO ELETTO al Consiglio Direttivo AISM - Associazione Italiana Sviluppo Marketing <http://www.aism.org/lassociazione/organi-dellassociazione/> da giugno 2017 a Giugno 2020
 socio ordinario AIES - Associazione Italiana di Economia Sanitaria, dal 01-01-2006 ad oggi
 socio ordinario ISPOR, International Society For Pharmacoeconomics and Outcomes Research, USA, dal 1997 ad oggi

E' autore e co-autore di 220 pubblicazioni scientifiche, oltre a 3 monografie di riferimento:

	All	Since 2016
Citations	3241	1620
h-index	25	15
i10-index	46	22

Pubblicazioni recenti (2022-2012):

- Torre E, Di Matteo S, Bruno GM, Martinotti C, Valentino MC, Testino G, Rebora A, Bottaro LC, Colombo GL. Economic Burden of Non-Alcoholic Steatohepatitis (NASH) Among Diabetic Population in Italy: Analysis and Perspectives. *Clinicoecon Outcomes Res.* 2022 Sep 14;14:607-618
- A, Pampena R, Mirra M, Lai M, Magi S, Mandel VD, Di Matteo S, Colombo GL, Stanganelli I, Longo C. Effect of Reflectance Confocal Microscopy for Suspect Lesions on Diagnostic Accuracy in Melanoma: A Randomized Clinical Trial. *JAMA Dermatol.* 2022 Jul 1;158(7):754-761
- Mastroilli G, Fiorentino F, Tucci C, Lombardi G, Aghemo A, Colombo GL. Cost Analysis of Platelet Transfusion in Italy for Patients with Chronic Liver Disease and Associated Thrombocytopenia Undergoing Elective Procedures. *Clinicoecon Outcomes Res.* 2022 Apr 8;14:205-220
- Somigliana E, Bertoli M, Caputo A, Reschini M, Bardiani I, Bruno GM, Di Matteo S, Colombo GL. Wastage of gonadotropins during IVF cycles: Real life data from two Italian infertility centers. *Eur J Obstet Gynecol Reprod Biol.* 2021 Dec;267:56-60.
- Enrico Torre, Giorgio Lorenzo Colombo, Sergio Di Matteo, Chiara Martinotti, Maria Chiara Valentino, Alberto Rebora, Francesca Cecoli, Eleonora Monti, Marco Galimberti, Paolo Di Bartolo, Germano Gaggioli, Giacomo Matteo Bruno Economic Impact of COVID-19 Lockdown on Italian NHS: Focus on Diabetes Mellitus *Clinicoecon Outcomes Res.* 2021; 13: 503–518
- Giorgio Lorenzo Colombo, Franca Heiman, Iliaria Peduto, Utilization of Healthcare Resources in Osteoarthritis: A Cost of Illness Analysis Based on Real-World Data in Italy, *Ther Clin Risk Manag.* 2021 Apr 21;17:345-356.
- M Morel, RA Alm, C Årdal, A Bandera, GM Bruno, E Carrara, et al. A one health framework to estimate the cost of antimicrobial resistance, *Antimicrobial Resistance & Infection Control* 9 (1), 1-14
- Enrico Torre Giacomo Matteo Bruno, Sergio Di Matteo, Chiara Martinotti, Giorgio Lorenzo Colombo, Cost-Utility Analysis of Saxagliptin/Dapagliflozin Versus Gliclazide and Insulin Glargine: Economic Implications of the Outcomes of the CVD-Real Studies I and II, *Health Serv Insights*, 2020 Jun 16;13:1
- Alessandra Bandera, Stefano Aliberti, Roberta Gualtierotti, Marina Baldini, et al, COVID-19 Network: The Response of an Italian Reference Institute to Research Challenges About a New Pandemia, *Clin Microbiol Infect.* 2020 Jun 30;S1198-743X(20)30374-8.
- Enrico Torre, Giacomo M Bruno, Sergio Di Matteo, Chiara Martinotti, Maria Chiara Valentino, Luigi C Bottaro, Giorgio L Colombo, Economic Evaluation of Dulaglutide vs Traditional Therapies: Implications of the Outcomes of the Rewind Study, *Clinicoecon Outcomes Res.* 2020 Apr 8;12:177-189.
- Alberto Zambelli, Edda Simoncini, Monica Giordano, Nicla La Verde et al, Prospective Observational Study on the Impact of the 21-gene Assay on Treatment Decisions and Resources Optimization in Breast Cancer Patients in Lombardy: The BONDx Study, *Breast.* 2020 Aug;52:1-7.
- K Patterson, S Bhattacharyya, N Personeni, V Gebbia, P Novelli, et al. The cost of adverse event management in patients with RAS wild-type metastatic colorectal cancer treated with first-line cetuximab and panitumumab: An Italian healthcare payer perspective, *Annals of Oncology* 30 (Supplement_5)
- P Perugini, M Bonetti, AC Cozzi, GL Colombo Topical Sunscreen Application Preventing Skin Cancer: Systematic Review *Cosmetics* 6 (3), 42
- GL Colombo, S Di Matteo, C Martinotti, M Oselin, MC Valentino, Omalizumab and long-term quality of life outcomes in patients with moderate-to-severe allergic asthma: a systematic review *Therapeutic advances in respiratory disease* 13, 1 2019
- J Foo, M Maghnie, A Colao, I Vlachaki, G Colombo, Cost-consequence analysis for human recombinant growth hormone (r-hGH) treatment administered via different devices in children with growth hormone deficiency in Italy, *ClinicoEconomics and outcomes research: CEOR* 11, 525, 1, 2019
- GW Canonica, GL Colombo, GM Bruno, S Di Matteo, C Martinotti, F Blasi, Shadow cost of oral corticosteroids-related adverse events: A pharmaco-economic evaluation applied to real-life data from the Severe Asthma Network in Italy (SANI) registry, *World Allergy Organization Journal* 12 (1), 6 2019

- De Robertis E, Caprino Miceli A, Colombo GL et al. Effects of Deep Versus Moderate Neuromuscular Blockade in Laparoscopic Gynecologic Surgery on Postoperative Pain and Surgical Conditions: Protocol for a Randomized Controlled Trial. *JMIR Res Protoc.* 2018 Jul 9;7(7):e131.
- CF Donner, S Amaducci, E Bacci, S Baldacci, ML Bartoli, GM Beghi, GL Colombo et al, Inhalation therapy in the next decade: Determinants of adherence to treatment in asthma and COPD, *Monaldi Archives for Chest Disease* 2018; 88:886
- F. Maggiolo, E. Di Filippo, L. Comi, A. Callegaro, GL Colombo, S. Di Matteo, D Valsecchi, M. Rizzi, Reduced adherence to antiretroviral therapy is associated with residual low-level viremia, *Pragmatic and Observational Research* 2017;8 91–97
- Testa A, Castiglione F, Nardone OM, Colombo GL Adherence in ulcerative colitis: an overview. *Patient Prefer Adherence.* 2017 Feb 22;11:297-303.
- Corona G, Giuliani C, Parenti G, Colombo GL, et al. The Economic Burden of Hyponatremia: Systematic Review and Meta-Analysis. *Am J Med.* 2016 Aug;129(8):823-835.e4.
- Giorgio L. Colombo, Enrico Agabiti-Rosei, Alberto Margonato, Claudio Mencacci, Carlo Maurizio Montecucco, Roberto Trevisan, Alberico L. Catapano, Impact of substitution among generic drugs on persistence and adherence: A retrospective claims data study from 2 Local Healthcare Units in the Lombardy Region of Italy, *Atherosclerosis Suppl.* 21 (2016) 1-8
- Anna Poli, Sergio Di Matteo, Giacomo M Bruno and Giorgio L Colombo, Economic burden of Clostridium difficile in five hospitals of the Florence health care system in Italy *Risk Management and Healthcare Policy* 2015:8
- Pellacani G, Witkowski A, Cesinaro AM, Losi A, Colombo GL, Campagna A, Longo C, Piana S, De Carvalho N, Giusti F, Farnetani F. Cost-benefit of reflectance confocal microscopy in the diagnostic performance of melanoma. *J Eur Acad Dermatol Venereol.* 2016 Mar;30(3):413-9.
- Colombo GL, Cammà C, Attili AF, Ganga R, Gaeta GB, Brancaccio G, Franzini JM, Volpe M, Turchetti G. Patterns of treatment and costs of intermediate and advanced hepatocellular carcinoma management in four Italian centers. *Ther Clin Risk Manag.* 2015 Oct 19;11:1603-12.
- Franco Maggiolo, Giorgio L Colombo, Sergio Di Matteo et al, Cost-effectiveness analysis of antiretroviral therapy in a cohort of HI V-infected patients starting first-line highly active antiretroviral therapy during 6 years of observation, *Patient Related Outcome Measures* 2015:6 53–60
- P. E. Levi Setti C. Alviggi G. L. Colombo, et al Human recombinant follicle stimulating hormone (rFSH) compared to urinary human menopausal gonadotropin (HMG) for ovarian stimulation in assisted reproduction: a literature review and cost evaluation, *J Endocrinol Invest*, 21 October 2014
- Maggiolo F, Di Matteo S, Bruno G, Astuti N, Di Filippo E, Valenti D, Colombo G. Switching from an EFV-based STR to a RPV-based STR is effective, safe and improves HIV patients health status. *J Int AIDS Soc.* 2014 Nov 2;17(4 Suppl 3):19798.
- Giorgio L Colombo, Daria Bettoni, Sergio Di Matteo et al, Economic and outcomes consequences of TachoSil®: a systematic review, *Vascular Health and Risk Management* 2014;10 569–576
- Enrico Papaleo, Carlo Alviggi, Giorgio Lorenzo Colombo, Cost-effectiveness analysis on the use of rFSH + rLH for the treatment of anovulation in hypogonadotropic hypogonadal women, *Therapeutics and Clinical Risk Management* 2014;10 479–484
- Colombo GL, Castagna A, Di Matteo S, Galli L, Bruno G, Poli A, Salpietro S, Carbone A, Lazzarin A, Cost analysis of initial highly active antiretroviral therapy regimens for managing human immunodeficiency virus-infected patients according to clinical practice in a hospital setting, *Ther Clin Risk Manag.* 2014;10:9-15. doi: 10.2147/TCRM.S49428.
- Giorgio L. Colombo, Carlo Maurizio Montecucco, Generic vs brand originator alendronate: analysis of persistence and compliance in five Local Healthcare Units in the Lombardy Region of Italy, *Clinical Cases in Mineral and Bone Metabolism* 2013; 10(3): 195-198
- Cosseddu Domenico, Alberto Gianfrancesco, Talarico Isabella, Giorgio L. Colombo et al, Cost-benefit analysis of copeptin combined with troponin for quick exclusion of acute myocardial infarction, *LigandAssay* 18 (1) 2013
- De Graaff SS A.A., D'Hooghe T.M., Dunselman J G.A.J. GL Colombo et al, The significant effect of endometriosis on physical, mental and social wellbeing: results from an international cross-sectional survey *Human Reproduction*, pp. 1–9, 2013

- Colombo GL, Agabiti-Rosei E, Margonato A, Mencacci C, Montecucco CM, et al. (2013) Off-Patent Generic Medicines vs. Off-Patent Brand Medicines for Six Reference Drugs: A Retrospective Claims Data Study from Five Local Healthcare Units in the Lombardy Region of Italy. *PLoS ONE* 8(12): e82990. doi:10.1371/journal.pone.0082990, 2013
- GL Colombo, IAB Andreis, S Di Matteo, GM Bruno, C Mondellini Syringeless power injector versus dual-syringe power injector: economic evaluation of user performance, the impact on contrast enhanced computed tomography (CECT) workflow exams, and hospital costs *Medical devices (Auckland, NZ)* 6, 169, 2013
- C Teruzzi, M Mantuano, GL Colombo, GM Bruno Cost-Analysis in the Treatment of Patients Affected by Malignant Ascites in Italy *Value in Health* 16 (7), A407-A407
- C Cremascoli, F Perrone, J Garcia-Valero, M Schauf A Budget Impact and Cost-Effectiveness Analysis of Blood Glucose Monitoring System in One Italian Region GL Colombo, *Value in Health* 16 (7), A439-A439
- Colombo GL, Di Matteo S, Antinori A, Medaglia M, Murachelli S, Rizzardini G. Economic evaluation of initial antiretroviral therapy for HIV-infected patients: an update of Italian guidelines *Clinicoecon Outcomes Res.* 2013 Oct 3;5:489-496.
- Colombo GL, Castagna A, Salpietro S, et al. Cost-effectiveness evaluation of initial HAART regimens for managing HIV-infected patients according to real clinical practice. *J Int AIDS Soc* 2012;15:18386
- De Graaff AA, D'Hooghe TM, Dunselman GA, Dirksen CD, Hummelshoj L; WERF EndoCost Consortium, Simoens S. G. Colombo et al The significant effect of endometriosis on physical, mental and social wellbeing: results from an international cross-sectional survey. *Hum Reprod.* 2013 Jul 11.
- Colombo GL, Di Matteo S, Vinci M, Gatti C, Pascali MP, De Gennaro M, Macrellino E, Mosiello G, Redaelli T, Schioppa F, Dieci C A cost-of-illness study of spina bifida in Italy July *Clinicoecon Outcomes Res.* 2013 Volume 2013:5 Pages 309 - 316
- Colombo GL, Di Matteo S, Maggiolo F. Antiretroviral therapy in HIV-infected patients: a proposal to assess the economic value of the single-tablet regimen. *Clinicoecon Outcomes Res.* 2013;5:59-68.
- Ruggeri I, Bragato D, Colombo GL, Valla E, Di Matteo S, Cost and appropriateness of treating asthma with fixed-combination drugs in local health care units in Italy, *ClinicoEconomics and Outcomes Research* 2012;4 375–382
- Giorgio L Colombo, Elisa Rossi, Marisa De Rosa, Danilo Benedetto, Antonio V Gaddi, Antidiabetic therapy in real practice: indicators for adherence and treatment cost. *Patient Preference and Adherence* 2012;6 653–661
- Giorgio L Colombo, Sergio Di Matteo, Giacomo Bruno, Acamprosate in the treatment of alcoholism: a budget impact analysis for the National Health Service in Italy. *Substance Abuse and Rehabilitation* 2012;3 73–79
- Giorgio L Colombo, Sergio Di Matteo, Giacomo Bruno, Giampiero Girolomoni, Gino Antonio Vena, Calcipotriol and betamethasone dipropionate in the treatment of mild-to-moderate psoriasis: a cost-effectiveness analysis of the ointment versus gel formulation. *ClinicoEconomics and Outcomes Research* 2012;4 261–268
- Steven Simoens, Gerard Dunselman, Carmen Dirksen, Giorgio L Colombo, et al. The burden of endometriosis: costs and quality of life of women with endometriosis and treated in referral centres, *Human Reproduction*, Vol.0, No.0 pp. 1–8, 2012
- Giuliano Rizzardini, Paolo Bonfanti, Giorgio L Colombo et al, Cost-effectiveness analysis of HIV treatment in the clinical practice of a public hospital in northern Italy. *Therapeutics and Clinical Risk Management* 2012;8 377–384
- Viviano Benedini, Nicola Caporaso, Gino Roberto Corazza, Giorgio L. Colombo et al, Burden of Crohn's disease: economics and quality of life aspects in Italy, *ClinicoEconomics and Outcomes Research* 2012;4 209–218
- Cammà C. Petta S. Enea M. Bruno R. Bronte F., Capursi V. Cicchetti A. Colombo GL et al, on behalf of the WEF Study Group. Cost-Effectiveness of Boceprevir or Telaprevir for Untreated Patients with Genotype 1 Chronic Hepatitis C, *Hepatology.* 2012 Sep;56(3):850-860.

- Aitini E, Anna R, Morselli P, Vivorio B, Bruschi A, Bottura C, Colombo GL, Economic comparison of capecitabine + oxaliplatin and 5-fluorouracil + oxaliplatin in the adjuvant treatment of colon cancer. *Cancer Management and Research* 2012;4:99–103

Direzione o partecipazione alle attività di un gruppo di ricerca a livello nazionale o internazionale:

- Attività di analisi farmaco economica per la realizzazione del progetto di ricerca "sepsi team: un modello innovativo di gestione del paziente con sepsi grave/shock settico afferente a strutture di pronto soccorso" (Programma di ricerca Regione Emilia Romagna - Università 2010 2012 - Area 2 "Ricerca per il Governo Clinico") dal 01-01-2016 al 30-12-2017
- High-technology skin cancer diagnosis implemented in a research hospital network in Emilia-Romagna for early accurate skin cancer detection in a cost-saving model, Codice Unico di Progetto (CUP) E35I14000140001, Bando Ricerca Finalizzata 2011-2012 Azienda Ospedaliero-Universitaria di Modena, dal 01-09-2016 a oggi
- The World Endometriosis Research Foundation's: partecipazione al progetto internazionale. The EndoCost Consortium: The cost of endometriosis <http://endometriosis.org/news/endocost-cost-of-endometriosis-driven-by-pain/> dal 01-01-2009 al 30-06-2012
- Coordinatore scientifico del progetto di ricerca COSMO Study Group: il costo sociale della malattia di Crohn's: impatto economico e qualità di vita dei pazienti in Italia, 18 Centri ospedalieri coinvolti, progetto di ricerca finanziato da MSD Italia e SAVE Studi Analisi Valutazioni Economiche, Milano dal 30-06-2009 al 30-12-2013
- Department of Dermatology, University of Modena, Reggio Emilia, Italy. Reflectance confocal microscopy in the diagnostic performance of melanoma: Cost-benefit analysis; The study has been partially co-funded by the European Union CIP-ICT PSP PROGRAMME GA N. 621066 DIAGNOPTICS and by the Italian Minister of Health NET-2011-02347213. dal 01-02-2014 al 30-12-2015
- Local Health Authority (AUSL) of Ferrara: The Hypertension Project in AIL (Local Supplementary Agreements) between the Italian Federation of Family Doctors (FIMMG) and the Local Health Authority (AUSL) of Ferrara: results of an experience, dal 10-01-2008 al 30-10-2009
- Sicilian DES Registry. DES Registry Investigators: Cost-effectiveness of the real-world use of drug-eluting stents at 9-month follow-up: results from the Sicilian DES Registry. Cardiology Department, Ferrarotto Hospital, University of Catania, Catania, Italy, dal 01-04-2008 al 18-12-2009
- Cost-effectiveness of pneumococcal vaccination for prevention of invasive pneumococcal disease in the elderly: an update for 10 Western European countries, Department of Health, Organization, Policy and Economics, Maastricht University, PO Box 616, Maastricht, 6200, MD, The Netherlands. dal 01-01-2006 al 30-11-2007
- Università degli Studi di Pavia, partecipazione al progetto di ricerca per la parte di valutazione economica sull'errore terapeutico nell'utilizzo di farmaci in ambito domiciliare, presentato sul Bollettino di Informazione sui farmaci, AIFA - Ministero della Salute dal 01-06-2005 al 30-12-2005

In fede,



Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".