

Prof. Dr. Gian Luca Di Tanna, PhD MPhil MSc AStat CStat

Professor of BioStatistics and Health Economics & Head of Research and Services

Department of Business Economics, Health and Social Care (DEASS), University of Applied Sciences and Arts of Southern Switzerland (SUPSI)

E-mail: gianluca.ditanna@supsi.ch

Address: Piazzetta, Via Violino 11, CH-6928 Manno, Switzerland

Education

2013 – **PhD** in “**Health economics** and management of health institutions” at the Faculty of Medicine and Surgery “Agostino Gemelli”, Catholic University of the Sacred Heart, Rome. Research Project: “The use of Evidence Synthesis for Economic Evaluation in Health: Meta-Analysis and Mixed Treatment Comparisons. Theory and Applications”.

2005 – **MSc in Data Intelligence and Decision Making** (II level)– Faculty of Statistical Sciences “Sapienza” University of Rome.

2003 – **PhD/MPhil Three-year Post-Graduate Degree in Medical Statistics with honours.** “Sapienza” University of Rome. Research Project: “Individual patients data: theoretical and methodological framework and applications with the Italian Hospital Discharge Dataset”.

2000 – **Honours Degree in Demographic and Social Statistical Sciences.** Faculty of Statistical Sciences “Sapienza” University of Rome. Thesis: “Couples’ dynamics and reproduction in Italy: modern behaviour and construction of future scenarios alongwith multi-state models and event history analysis”.

Professional (Full-Time) Appointments

From September 2022:

- **Professor of BioStatistics and Health Economics and Head of Research, Department of Business Economics, Health and Social Care (DEASS), University of Applied Sciences and Arts of Southern Switzerland (SUPSI)**
- **Faculty and Inter-university Graduate Academic Board Member of the SSPH+ Swiss School of Public Health**
- **Visiting Professorial Fellow, School of Population Health, UNSW Medicine, University of New South Wales**
- **Professorial Fellow, The George Institute for Global Health, Sydney Australia**

April 2019 – August 2022: Head of BioStatistics & Data Science, Co-Head of the Meta-Research and Evidence Synthesis Unit, The George Institute for Global Health, Sydney, Australia & Associate Professor, Faculty of Medicine, University of New South Wales. Leading a group of 10 BioStatisticians, he is responsible for the delivery, quality and integrity of statistical activities to support research programs conducted by The George Institute, Australia. He contributes to statistical activities globally including collaborations with statistics staff across all locations. Managing the Statistics Division (and its budget) employees based in Australia, he coordinates the allocation of staff across projects, leads the design and analysis of research projects and contributes to the development of study proposals and funding applications. He plays a key role in the interpretation and publication of research results (mainly coming from randomized clinical trials and cohort studies) and acts as main liaison with internal and external stakeholders related to the statistical aspects of the studies. He is currently co-supervisor of three UNSW PhD Students, Anthony Paulo Sunjaya, Rong Liu and Helen Nguyen, and one DrPH student, Chris Gianacas.

March 2017 – February 2019: Senior Manager at Amgen (Europe) GmbH, Global Health Economics. Based within the Economic Modeling Centre of Excellence, he is in charge for overiewing cost-effectiveness and budget impact models with the specific aim to inform submissions to authorities of a product for cardiovascular events prevention, managing a team of health economists/modelers. Further, he is actively involved in health economics and outcome research in Heart Failure and Migraine, driving evidence generation activities and informing statistical analysis plans. His main tasks can be summarized as follows:

- Develop HTA and reimbursement submissions supporting local adaptations and identifying data and analysis needs
- Develop evidence generation and publication plans and assist in gathering evidence from various sources (ie. RCT, RWD)
- Design and plan economic evaluations (cost-effectiveness, budget impact models) and account calculators
- Conduct ad-hoc studies (ie. systematic literature reviews, observational/patient reported outcomes studies) to inform the models above
- Develop early models for molecules in the pipeline

April 2016 – February 2017: Senior Lecturer (Associate Professor) in Medical Statistics at the Pragmatic Clinical Trials Unit (PCTU), Centre for Primary Care and Public Health, Blizard Institute, Queen Mary University of London. He is involved in planning, designing and supervising the analysis of pragmatic trials of complex interventions in various settings. Managing a group of statisticians at different levels, he overviews statistical analysis plans and also interact with the health economics unit for the economic evaluation component of the different projects he is responsible of (as co-applicant and senior statistician). He also carries out methodological work, with a specific focus on meta analysis, cluster randomized trials and stepped wedge designs. He is module leader of the course “Epidemiology and Statistics” of the MSc/BSc “Global Health”.

January 2014 – April 2016: Lecturer in Medical Statistics and Epidemiology at the London School of Hygiene and Tropical Medicine. Actively involved in the planning, design and analysis of clinical trials and observational studies mainly on Malaria treatments/vaccines in The Gambia as a staff member of the Tropical Epidemiology Group, Department of Infectious Disease Epidemiology, Faculty of Epidemiology and Population Health. Main interests: Spatial temporal modelling, cluster randomized and stepped wedge trials, longitudinal analysis, missing data, pooling evidence (pairwise and mixed treatments comparisons). Co-organizer and lecturer of the STEPH (Statistics for Epidemiology and Public Health) course, and lecturer of the short courses ASME (Advanced Statistical Methods in Epidemiology), ICEMS (Intensive Course in Epidemiology and Medical Statistics) and Systematic Reviews and Meta Analysis. Involved in the following projects “Vascular Function Intervention Trial in sickle cell disease – Cross Over Trial”, “Smartphone based acuity and referral system (Peek) Screening for Visual Impairment in School going children in Transzoia County Kenya: A Cluster Randomised Trial” and “Primaquine’s gametocytocidal efficacy in malaria asymptomatic carriers treated with dihydroartemisinin-piperaquine in The Gambia: a randomized controlled trial”. With James Carpenter is leader of the Centre of Statistical Methodology theme on “Systematic Reviews and Meta Analysis”.

Supervisor (main or co-) of the following PhD students:

1. Christopher Jarvis (MRC – Hub for Trial methodology (HTMR) PhD) “Spatial Analysis of Cluster Randomized Trials”.
2. Jacqueline Lim “Assessment of undocumented disease burden of dengue in Africa – A case study of dengue epidemiology in Lambarene, Gabon”
3. Grazia Maria Caleo “Epidemiology and control of Ebola Virus Disease (EVD) in Sierra Leone: analysis of data from the Médecins Sans Frontières (MSF) response, 2014-15”.

Supervisor of the following student of the MSc in Medical Statistics:

1. Jamie Rees “Individual Patient Meta Analysis: a comparison of one-stage with a two-stage approach. A simulation study.”

November 2006 – June 2017: Researcher/Adjunct Professor (Medical Statistician) at the Department of Public Health and Infectious Diseases – Subdivision of Medical Statistics, Faculty of Pharmacy & Medicine, Sapienza University of Rome. Lecturer at Under- and Post- Graduate level in Medical Statistics, Epidemiology, Methods of the Evidence Based Medicine. In charge for several Health Technology Assessments performed at the University Policlinic and contributing to the epidemiological research (development, design and quantitative analysis) of observational and experimental studies conducted by clinical teams.

Main Supervisor of the following students of the MPhil/PhD in Public Health and Medical Statistics:

1. Giuseppe Cascone "Assessment of the appropriateness of hospitalizations of terminally ill cancer patients in Sicily"
2. Federica Petetti "How to ensure the application of effective intervals in the assistance of stroke patients: design, analysis and results of a pilot study"
3. Fidelia Cascini "Time trend analysis of the concentration of tetra-hydrocannabinol in cannabis: systematic review of the literature"

4. Salvatore Tranchina "The search for health information and evidence of effectiveness through the use of Wikipedia - a reliable source?"
5. Maria Pia Gatto "Exposure to asbestos in Italy: Evolution of mortality due to malignant tumor of the pleura from 1974 to 2006"
6. Marzia Fioretti "Analyses of accidents in the healthcare environment: a 5-year survey in a hospital in the Marche region"

October 2012 – December 2013: Senior Biostatistician at Evidera (former UBC – United BioSource Corporation), London. As a Lead project statistician, collaborate with other investigators in the planning and execution of health research projects in various areas including health economics, outcome research, epidemiology, observational studies and clinical trials. Responsible of writing statistical analysis plans, designing and conducting analyses of data from various sources, providing guidance and reviewing work of others researchers and statistical consulting.

April 2005 – September 2010: Consultant Statistician/Health Economist at the Emilia Romagna Health Care Agency – Department of Clinical Governance (full time until November 2006). Involved in the monitoring of performances / health outcomes, systematic reviews and meta analysis of the diagnostic accuracy of new technologies, decision models / cost effectiveness analysis in HTA, Bayesian approach in the health care evaluation.

April 2004 – March 2005: Post-Doctorate Research Fellow at the Department of Public Health and Epidemiology, The University of Birmingham. Involved in several projects as “Cost Effectiveness analysis of Colo-rectal cancer screening” and “MATCH-Multidisciplinary Assessment of Technology Centre for Healthcare”. His main interest and applications: Modelling, Markov Chains, Monte Carlo simulations, Survival Analysis, methods and process of the peer review.

July 2002 – March 2004: Statistician at the Italian Agency for Health Services Research. In charge for the analysis of the National Database of the Hospital Discharge Dataset and Diagnosis Related Groups trends monitoring.

October 1998 – June 2002: Senior Statistician (Junior until 2001) at the **International Centre for Birth Defects of the ICBDMs – International Clearinghouse for Birth Defects Monitoring Systems.** Analysis of Congenital Malformations database, case control studies, written reports and publications.

Publications

H-index: 42 (Google Scholar), 35 (Scopus). Scopus Author ID: 6507556555, Orcid ID: 0000-0002-5470-3567
With () first/senior author papers*

1. Association between hepatitis delta virus with liver morbidity and mortality: A systematic literature review and meta-analysis. Gish RG, Wong RJ, **Di Tanna GL**, Kaushik A, Kim C, Smith NJ, Kennedy PTF. *Hepatology*. 2023 Oct 23. doi: 10.1097/HEP.0000000000000642. Epub ahead of print. PMID: 37870278.
2. Communication to promote and support physical distancing for COVID-19 prevention and control. Ryan RE, Silke C, Parkhill A, Virgona A, Merner B, Hurley S, Walsh L, de Moel-Mandel C, Schonfeld L, Edwards AG, Kaufman J, Cooper A, Chung RKY, Solo K, Hellard M, **Di Tanna GL**, Pedrana A, Saich F, Hill S. *Cochrane Database Syst Rev*. 2023 Oct 9;10:CD015144. doi: 10.1002/14651858.CD015144. PMID: 37811673.
3. Bayesian structural time series, an alternative to Interrupted Time Series in the right circumstances. Gianacas C, Liu B, Kirk M, **Di Tanna GL**, Belcher J, Blogg S, Muscatello D. *J Clin Epidemiol*. 2023 Oct 13:S0895-4356(23)00263-9. doi: 10.1016/j.jclinepi.2023.10.003. Epub ahead of print. PMID: 37839620.
4. Associations between vision impairment and vision-related interventions on crash risk and driving cessation: systematic review and meta-analysis. Nguyen H, **Di Tanna GL**, Coxon K, Brown J, Ren K, Ramke J, Burton MJ, Gordon I, Zhang JH, Furtado J, Mdala S, Kitema GF, Keay L. *BMJ Open*. 2023 Aug 11;13(8):e065210. doi: 10.1136/bmjopen-2022-065210. PMID: 37567751; PMCID: PMC10423787.

5. (*) Handling Missing Data in Health Economics and Outcomes Research (HEOR): A Systematic Review and Practical Recommendations. Mukherjee K, Gunsoy NB, Kristy RM, Cappelleri JC, Roydhouse J, Stephenson JJ, Vanness DJ, Ramachandran S, Onwudiwe NC, Pentakota SR, Karcher H, **Di Tanna GL**. *Pharmacoeconomics*. 2023 Jul 25. doi: 10.1007/s40273-023-01297-0. Epub ahead of print. PMID: 37490207.
6. Protocol for a randomized controlled trial of medically tailored meals compared to usual care among individuals with type 2 diabetes in Australia. Law KK, Coyle DH, Neal B, Huang L, Barrett E, Arnott C, Chow CK, **Di Tanna GL**, Lung T, Mozaffarian D, Berkowitz SA, Wong J, Wu T, Twigg S, Gauld A, Simmons D, Piya MK, MacMillan F, Khoo CL, Tian M, Trieu K, Wu JHY. *Contemp Clin Trials*. 2023 Jul 27:107307. doi: 10.1016/j.cct.2023.107307. Epub ahead of print. PMID: 37516164.
7. 15-year incidence of driving cessation and associated risk factors: The Blue Mountains Eye Study. Nguyen H, **Di Tanna GL**, Do V, Mitchell P, Liew G, Keay L. *Maturitas*. 2023 Jul 13;177:107796. doi: 10.1016/j.maturitas.2023.107796. Epub ahead of print. PMID: 37454471.
8. Effect of COVID-19 containment measures on access to snakebite care in India. Bhaumik S, **Di Tanna GL**, Beri D, Bhattacharya A, Kumar P, Giri S, Gopalakrishnan M, Raut S, Hartalkar A, Majgi SM, Jagnoor J. *Rural Remote Health*. 2023 Jul;23(3):7881. doi: 10.22605/RRH7881. Epub 2023 Jul 4. PMID: 37400940.
9. Cluster randomized trial of influenza vaccination in patients with acute heart failure in China: A mixed-methods feasibility study. Liu R, Du X, Patel A, **Di Tanna GL**, Zhao Y, Wang Z, Fan Y, Zhang H, Yi Y, Dong J, Anderson C, Liu H. *PLOS Glob Public Health*. 2023 Jun 16;3(6):e0001947. doi: 10.1371/journal.pgph.0001947. PMID: 37327192; PMCID: PMC10275428.
10. Changes in sodium levels in Australian packaged foods between 2014 and 2019: an interrupted time series analysis of the impact of the Victorian Salt Reduction Partnership's media advocacy strategy. Rosewarne E, Santos JA, **Di Tanna GL**, Shahid M, Grimes C, Bolton KA, Webster J, Neal B, Woodward M, Coyle D, Trieu K. *Int J Behav Nutr Phys Act*. 2023 Jun 14;20(1):71. doi: 10.1186/s12966-023-01475-5. PMID: 37316889.
11. Cardiorenal protective effects of canagliflozin in CREDENCE according to glucose lowering. Charytan DM, Mahaffey KW, Jardine MJ, Cannon CP, Neal B, Lambers Heerspink HJ, Agarwal R, Bakris GL, de Zeeuw D, Levin A, Pollock C, Zhang H, Zinman B, Rosenthal N, Perkovic V, **Di Tanna GL**, Yu J, Rogers K, Arnott C, Wheeler DC. *BMJ Open Diabetes Res Care*. 2023 Jun;11(3):e003270. doi: 10.1136/bmjdr-2022-003270. PMID: 37311602.
12. Prolonged infusion versus intermittent infusion dosing of beta-lactam antibiotics in critically ill patients with sepsis: a protocol for a systematic review and meta-analysis of randomised controlled trials. Abdul-Aziz MH, Hammond NE, Brett SJ, Cotta MO, De Waele JJ, **Di Tanna GL**, Dulhunty JM, Elkady H, Eriksson L, Hasan MS, Lipman J, Monti G, Myburgh J, Novy E, Rajbhandari D, Roger C, Santos JA, Sjövall F, Zaghi I, Zangrillo A, Delaney A, Roberts JA. *medRxiv* 2023.05.15.23289889; doi: <https://doi.org/10.1101/2023.05.15.23289889>
13. The sodium-glucose cotransporter-2 inhibitor canagliflozin does not increase risk of non-genital skin and soft tissue infections in people with type 2 diabetes mellitus: A pooled post hoc analysis from the CANVAS Program and CREDENCE randomized double-blind trials. Kang A, Smyth B, Neuen BL, Heerspink HJL, **Di Tanna GL**, Zhang H, Arnott C, Hockham C, Agarwal R, Bakris G, Charytan DM, de Zeeuw D, Greene T, Levin A, Pollock C, Wheeler DC, Mahaffey KW, Perkovic V, Jardine MJ. *Diabetes Obes Metab*. 2023 May 10. doi: 10.1111/dom.15091. Epub ahead of print. PMID: 37161691.
14. Kidney and Cardiovascular Effects of Canagliflozin According to Age and Sex: A Post Hoc Analysis of the CREDENCE Randomized Clinical Trial. Yi TW, Smyth B, **Di Tanna GL**, Arnott C, Cardoza K, Kang A, Pollock C, Agarwal R, Bakris G, Charytan DM, de Zeeuw D, Heerspink HJL, Neal B, Wheeler DC, Cannon CP, Zhang H, Zinman B, Perkovic V, Levin A, Mahaffey KW, Jardine M; CREDENCE Trial Investigators. *Am J Kidney Dis*. 2023 Mar 6:S0272-6386(23)00537-1. doi: 10.1053/j.ajkd.2022.12.015. Epub ahead of print. PMID: 36889425.

15. Does Collaboration between General Practitioners and Pharmacists Improve Risk Factors for Cardiovascular Disease and Diabetes? A Systematic Review and Meta-Analysis. Chaudhri K, Caleres G, Saunders S, Michail P, **Di Tanna GL**, Lung T, Liu H, Joshi R. *Global Heart*. 2023; 18(1): 7. DOI: <https://doi.org/10.5334/gh.1184>
16. Associations between vision impairment and driving performance and the effectiveness of vision-related interventions: A systematic review. Nguyen H, **Di Tanna GL**, Coxon K, Brown J, Ren K, Ramke J, Burton MJ, Gordon I, Zhang JH, Furtado JM, Mdala S, Kitema GF, Keay L. *Transportation Research Interdisciplinary Perspectives*, 2023, 17, <https://doi.org/10.1016/j.trip.2022.100753>.
17. Does splitting a tablet obtain an accurate dose? A systematic review and meta- analysis. Chaudhri K, Kearney M, **Di Tanna GL**, Gnanenthiran SR, Day RO, Rodgers A, Atkins ER. *J Pharm Pract Res* 2022 52: 411-421. <https://doi.org/10.1002/jppr.1843>.
18. (*) Association Between Selective Decontamination of the Digestive Tract and In-Hospital Mortality in Intensive Care Unit Patients Receiving Mechanical Ventilation: A Systematic Review and Meta-analysis Hammond NE, Myburgh J, Seppelt I, Garside T, Vlok R, Mahendran S, Adigbli D, Finfer S, Gao Y, Goodman F, Guyatt G, Santos JA, Venkatesh B, Yao L, **Di Tanna GL**, Delaney A. *JAMA*. Published online October 26, 2022. doi:10.1001/jama.2022.19709.
19. Treatment decision-making and care among older adults with kidney failure: protocol for a multicentre, prospective observational cohort study with nested substudies and linked qualitative research (the Elderly Advanced CKD Programme). Siriwardana A, Gray NA, Makris A, Li CK, Yong K, Mehta Y, Ramos J, **Di Tanna GL**, Gianacas C, Addo IY, Roxburgh S, Naganathan V, Foote C, Gallagher M. *BMJ Open*. 2022 Dec 29;12(12):e066156. doi: 10.1136/bmjopen-2022-066156. PMID: 36581411; PMCID: PMC9806093.
20. Socio-economic difference in purchases of ultra-processed foods in Australia: an analysis of a nationally representative household grocery purchasing panel. Coyle DH, Huang L, Shahid M, Gaines A, **Di Tanna GL**, Louie JCY, Pan X, Marklund M, Neal B, Wu JHY. *Int J Behav Nutr Phys Act* 19, 148 (2022). <https://doi.org/10.1186/s12966-022-01389-8>
21. Stroke in Africa: a systematic review and meta-analysis of the incidence and case-fatality rates. Okekunle A, Jones SP, Adeniji O, Watkins CL, Hackett ML, **Di Tanna GL**, Owolabi M, Akinyemi R. *Int J Stroke*. 2022 Dec 12:17474930221147164. doi: 10.1177/17474930221147164. Epub ahead of print. PMID: 36503371.
22. Anticoagulation Strategies in Non–Critically Ill Patients with Covid-19. McQuilten ZK et al. *NEJM Evidence*, December 2022, <https://doi.org/10.1056/EVIDoa2200293>.
23. Agreement between 24-hour urine and 24-hour food recall in measuring salt intake in primary school children in Australia. Santos, J.A., Bolton, K.A., Rosewarne, E. Trieu K, **Di Tanna GL**, Woodward M, Webster J, Grimes C. *Nutr J* 21, 68 (2022). <https://doi.org/10.1186/s12937-022-00823-8>
24. (*) A Proposal of a Cost-effectiveness Modeling Approach for Heart Failure Treatment Assessment: Considering the Short- and Long-Term Impact of Hospitalization on Event Rates. **Di Tanna GL**, Angell B, Urbich M, Lindgren P, Gaziano TA, Globe G, Stollenwerk B. *PharmacoEconomics* 2022 40, 1095–1105. <https://doi.org/10.1007/s40273-022-01174-2>.
25. Impact of Intensive Care Unit bed shortage on the short-term outcomes of major liver surgery during the pandemic: better safe than sorry? Zanus G, Grossi U, Brun Peressut A, **Di Tanna GL**, Romano M, Novello S, Crisman M, Piccino M. *Minerva Surg*. 2022 Oct 4. doi: 10.23736/S2724-5691.22.09736-2. Epub ahead of print.
26. Community-based interventions for bite prevention, improved care-seeking and appropriate first aid in snakebite (Protocol). Bhaumik S, Kadam P, Pati S, **Di Tanna GL**, Jagnoor J. *Cochrane Database of Systematic Reviews* 2022, Issue 9. Art. No.: CD015097. DOI:10.1002/14651858.CD015097

27. Efficacy of self-management mobile applications for patients with breathlessness: Systematic review and quality assessment of publicly available applications. Sunjaya AP, Sengupta A, Martin A, **Di Tanna GL**, Jenkins C. *Respir Med*. 2022 Aug 5;201:106947. doi: 10.1016/j.rmed.2022.106947. Epub ahead of print. PMID: 36037561.
28. The cost-effectiveness of digital health interventions: A systematic review of the literature. Gentili A, Failla G, Melnyk A, Puleo V, **Di Tanna GL**, Ricciardi W, Cascini F. *Front Public Health*. 2022 Aug 11;10:787135. doi: 10.3389/fpubh.2022.787135.
29. Renin-Angiotensin System Inhibitors in Patients With COVID-19: A Meta-Analysis of Randomized Controlled Trials Led by the International Society of Hypertension. Gnanenthiran SR, Borghi C, Burger D, Caramelli B, Charchar F, Chirinos JA, Cohen JB, Cremer A, **Di Tanna GL**, Duvignaud A, Freilich D, Gommans DHF, Gracia-Ramos AE, Murray TA, Pelorosso F, Poulter NR, Puskarich MA, Rizas KD, Rothlin R, Schlaich MP, Schreinlecher M, Steckelings UM, Sharma A, Stergiou GS, Tignanelli CJ, Tomaszewski M, Unger T, van Kimmenade RRJ, Wainford RD, Williams B, Rodgers A, Schutte AE; COVID-METARASI Consortium. *J Am Heart Assoc*. 2022 Aug 24:e026143. doi: 10.1161/JAHA.122.026143. Epub ahead of print. PMID: 36000426.
30. Testing the Feasibility and Dietary Impact of a "Produce Prescription" Program for Adults with Undermanaged Type 2 Diabetes and Food Insecurity in Australia. Wu JH, Trieu K, Coyle D, Huang L, Wijesuriya N, Nallaiah K, Lung T, **Di Tanna GL**, Zheng M, Mozaffarian D, MacMillan F, Simmons D, Wu T, Twigg S, Gauld A, Constantino M, McGill M, Wong J, Neal B. *J Nutr*. 2022 Nov;152(11):2409-2418. doi: 10.1093/jn/nxac152. PMID: 36774107.
31. Effects of salt substitutes on clinical outcomes: a systematic review and meta-analysis. Yin X, Rodgers A, Perkovic A, Huang L, Li KC, Yu J, Wu Y, Wu JHY, Marklund M, Huffman MD, Miranda JJ, **Di Tanna GL**, Labarthe D, Elliott P, Tian M, Neal B. *Heart*. 2022 Aug 9;heartjnl-2022-321332. doi: 10.1136/heartjnl-2022-321332. Epub ahead of print.
32. Systematic review of effectiveness and quality assessment of patient education materials and decision aids for breathlessness. Sunjaya AP, Bao L, Martin A, **Di Tanna GL**, Jenkins CR. *BMC Pulm Med*. 2022 Jun 20;22(1):237. doi: 10.1186/s12890-022-02032-9.
33. Protocol for balanced versus saline trialists: living systematic review and individual patient data meta-analysis of randomised controlled trials (BEST-Living study). Zampieri FG, Cavalcanti AB, **Di Tanna GL**, Damiani LP, Hammond NE, Machado FR, Micallef S, Myburgh J, Rice TW, Semler MW, Young PJ, Finfer S. *Critical Care and Resuscitation* 2022, 24(2), 128–136.
34. Anoplasty for anatomical anal stenosis: systematic review of complications with the two most popular techniques and recurrences. Gallo G, Picciariello A, **Di Tanna GL**, Pelizzo P, Altomare DF, Trompetto M, Santoro GA, Roviello F, Felice C, Grossi U. *Colorectal Dis*. 2022 Jul 6. doi: 10.1111/codi.16248.
35. Protocol for a novel sodium and blood pressure reduction intervention targeting online grocery shoppers with hypertension - the SaltSwitch Online Grocery Shopping (OGS) randomised trial. Maganja D, Trieu K, Reading M, Huang L, Hart AC, Taylor F, Stamatellis S, Arnott C, Feng X, Schutte AE, **Di Tanna GL**, Mhurchu CN, Cameron AJ, Huffman MD, Neal B, Wu JH. *Am Heart J*. 2022 Jun 28:S0002-8703(22)00131-4. doi: 10.1016/j.ahj.2022.06.007.
36. Systematic review of effectiveness and quality assessment of patient education materials and decision aids for breathlessness. Sunjaya AP, Bao L, Martin A, **Di Tanna GL**, Jenkins CR. *BMC Pulm Med*. 2022 Jun 20;22(1):237. doi: 10.1186/s12890-022-02032-9.
37. Risk Factors for Fracture in Patients with Coexisting Chronic Kidney Disease and Type 2 Diabetes: An Observational Analysis from the CREDENCE Trial. Young TK, Toussaint ND, **Di Tanna GL**, Arnott C, Hockham C, Kang A, Schutte AE, Perkovic V, Mahaffey KW, Agarwal R, Bakris GL, Charytan DM, Heerspink HJL, Levin A, Pollock C, Wheeler DC, Zhang H, Jardine MJ. *J Diabetes Res*. 2022 May 27;2022:9998891. doi: 10.1155/2022/9998891

38. Integrated Management of Diabetes and Tuberculosis in Rural India – Results From a Pilot Study. Joshi R, Behera D, **Di Tanna GL**, Ameer MA, Yakubu K and Praveen D. *Front. Public Health* 2022 10:766847. doi: 10.3389/fpubh.2022.766847
39. Electronic Health Interventions for Patients With Breast Cancer: Systematic Review and Meta-Analyses. Singleton AC, Raeside R, Hyun KK, Partridge SR, **Di Tanna GL**, Hafiz N, Tu Q, Tat-Ko J, Sum SCM, Sherman KA, Elder E, Redfern J. *J Clin Oncol.* 2022 May 2;JCO2101171. doi: 10.1200/JCO.21.01171. Epub ahead of print.
40. Association of Low-Dose Triple Combination Therapy vs Usual Care With Time at Target Blood Pressure: A Secondary Analysis of the TRIUMPH Randomized Clinical Trial. Gnanenthiran SR, Wang N, **Di Tanna GL**, Salam A, Webster R, de Silva HA, Guggilla R, Jan S, Maulik PK, Naik N, Selak V, Thom S, Prabhakaran D, Schutte AE, Patel A, Rodgers A; TRIUMPH Study Group. *JAMA Cardiol.* 2022 Apr 13. doi: 10.1001/jamacardio.2022.0471. Epub ahead of print. PMID: 35416909.
41. Multifaceted intervention to reduce haemodialysis catheter related bloodstream infections: REDUCCTION stepped wedge, cluster randomised trial. Kotwal S, Cass A, Coggan S, Gray NA, Jan S, McDonald S, Polkinghorne KR, Rogers K, Talaulikar G, **Di Tanna GL**, Gallagher M; REDUCCTION Investigators. *BMJ.* 2022 Apr 12;377:e069634. doi: 10.1136/bmj-2021-069634. PMID: 35414532.
42. (*) Association between influenza vaccination, all-cause mortality and cardiovascular mortality: a protocol for a living systematic review and prospective meta-analysis. Liu R, Patel A, Du X, Liu H, Liu B, Wang C, **Di Tanna GL**. *BMJ Open.* 2022 Mar 31;12(3):e054171. doi: 10.1136/bmjopen-2021-054171. PMID: 35361644.
43. Cost-effectiveness of a Household Salt Substitution Intervention: Findings From 20,995 Participants of the Salt Substitute and Stroke Study (SSaSS). Li KC, Huang L, Tian M, **Di Tanna GL**, Yu J, Zhang X, Yin X, Liu Y, Hao Z, Zhou B, Feng X, Li Z, Zhang J, Sun J, Zhang Y, Zhao Y, Zhang R, Yu Y, Li N, Yan LL, Labarthe DR, Elliott P, Wu Y, Neal B, Lung T, Si L. *Circulation.* 2022 Mar 21. doi: 10.1161/CIRCULATIONAHA.122.059573. Epub ahead of print. PMID: 35311346.
44. (*) Changes in hospital admissions and complications of acute appendicitis during the COVID-19 pandemic: A systematic review and meta-analysis. Grossi U, Gallo G, Ortenzi M, Piccino M, Salimian N, Guerrieri M, Sammarco G, Felice C, Santoro GA, Di Saverio S, **Di Tanna GL**, Zanus G. *Health Sci Rev (Oxf).* 2022 Jun;3:100021. doi: 10.1016/j.hsr.2022.100021. Epub 2022 Mar 10. PMID: 35287332; PMCID: PMC8906891.
45. The role of outdoor and indoor air quality in the spread of SARS-CoV-2: Overview and recommendations by the research group on COVID-19 and particulate matter (RESCOP commission). Piscitelli P, Miani A, Setti L, De Gennaro G, Rodo X, Artinano B, Vara E, Rancan L, Arias J, Passarini F, Barbieri P, Pallavicini A, Parente A, D'Oro EC, De Maio C, Saladino F, Borelli M, Colicino E, Gonçalves LMG, **Di Tanna G**, Colao A, Leonardi GS, Baccarelli A, Dominici F, Ioannidis JPA, Domingo JL; RESCOP Commission established by Environmental Research (Elsevier). *Environ Res.* 2022 Feb 26;211:113038. doi: 10.1016/j.envres.2022.113038. Epub ahead of print. PMID: 35231456; PMCID: PMC8881809.
46. The impact of canagliflozin on the risk of neuropathy events: a post-hoc exploratory analysis of the CREDENCE trial. Liao J, Kang A, Xia C, Young T, **Di Tanna GL**, Arnott C, Pollock C, Krishnan AV, Agarwal R, Bakris G, Charytan DM, de Zeeuw D, Heerspink HJL, Levin A, Neal B, Wheeler DC, Zhang H, Zinman B, Mahaffey KW, Perkovic V, Jardine MJ, Smyth B. *Diabetes Metab.* 2022 Feb 13:101331. doi: 10.1016/j.diabet.2022.101331. Epub ahead of print. PMID: 35172198.
47. Surgical Management of Hemorrhoidal Disease in Inflammatory Bowel Disease: A Systematic Review with Proportional Meta-Analysis. Grossi U, Gallo G, **Di Tanna GL**, Bracale U, Ballo M, Galasso E, Kazemi Nava A, Zucchella M, Cinetto F, Rattazzi M, Felice C, Zanus G. *J Clin Med.* 2022 Jan 28;11(3):709. doi: 10.3390/jcm11030709. PMID: 35160159; PMCID: PMC8837177.

48. Blood Eosinophils in Chinese COPD Participants and Response to Treatment with Combination Low-Dose Theophylline and Prednisone: A Post-Hoc Analysis of the TASCs Trial. Bradbury T, **Di Tanna GL**, Scaria A, Martin A, Wen FQ, Zhong NS, Zheng JP, Barnes PJ, Celli B, Berend N, Jenkins CR; TASCs Investigators. *Int J Chron Obstruct Pulmon Dis*. 2022 Feb 5;17:273-282. doi: 10.2147/COPD.S339889. PMID: 35153479; PMCID: PMC8827641.
49. Balanced Crystalloids versus Saline in Critically Ill Adults: a Systematic Review with Meta-Analysis. Hammond N, Zampieri FG, **Di Tanna GL**, Garside T, Adigbli D, Cavalcanti AB, Machado FR, Micallef S, Myburgh J, Ramanan M, Rice TW, Semler M, Young PJ, Venkatesh B, Finfer S, Delaney A. *NEJM Evidence* 18 Jan 2022 DOI:<https://doi.org/10.1056/EVIDoa2100010>
50. Systematic review and meta-analysis of anal motor and rectal sensory dysfunction in male and female patients undergoing anorectal manometry for symptoms of fecal incontinence. Rasijeff A, García-Zermeño K, **Di Tanna GL**, Remes-Troche JM, Knowles CH, Scott SM. *Colorectal Dis*. 2022 Jan 12. doi: 10.1111/codi.16047. Epub ahead of print.
51. J-shape relation of blood pressure reduction and outcome in acute intracerebral hemorrhage: A pooled analysis of INTERACT2 and ATACH-II individual participant data. Wang X, **Di Tanna GL**, Moullaali TJ, Martin RH, Shipes VB, Robinson TG, Chalmers J, Suarez JI, Qureshi AI, Palesch YY, Anderson CS. *Int J Stroke*. 2022 Jan 5:17474930211064076. doi: 10.1177/17474930211064076.
52. Real-world prognosis of eyes with diabetic macular oedema receiving treatment with vascular endothelial growth factor (VEGF) inhibitors. Bhandari S, Nguyen V., Fraser-Bell S, **Di Tanna GL**, Gillies MC. *Cochrane Database of Systematic Reviews*, 2021, 2021(10), CD015030.
53. Carbon emissions and hospital pathology stewardship: a retrospective cohort analysis. McAlister S, Smyth B, Koprivic I, **Di Tanna GL**, McGain F, Charlesworth K, Brown MA, Konecny P. *Intern Med J*. 2021 Nov 15. doi: 10.1111/imj.15622. Online ahead of print.
54. Associations of Early Systolic Blood Pressure Control and Outcome After Thrombolysis-Eligible Acute Ischemic Stroke: Results From the ENCHANTED Study. Wang X, Minhas JS, Moullaali TJ, **Di Tanna GL**, Lindley RI, Chen X, Arima H, Chen G, Delcourt C, Bath PM, Broderick JP, Demchuk AM, Donnan GA, Durham AC, Lavados PM, Lee TH, Levi C, Martins SO, Olavarria VV, Pandian JD, Parsons MW, Pontes-Neto OM, Ricci S, Sato S, Sharma VK, Silva F, Thang NH, Wang JG, Woodward M, Chalmers J, Song L, Anderson CS, Robinson TG; ENCHANTED Investigators.
55. Effect of Salt Substitution on Cardiovascular Events and Death. Neal B, Wu Y, Feng X, Zhang R, Zhang Y, Shi J, Zhang J, Tian M, Huang L, Li Z, Yu Y, Zhao Y, Zhou B, Sun J, Liu Y, Yin X, Hao Z, Yu J, Li KC, Zhang X, Duan P, Wang F, Ma B, Shi W, **Di Tanna GL**, Stepien S, Shan S, Pearson SA, Li N, Yan LL, Labarthe D, Elliott P. *N Engl J Med*. 2021 Aug 29. doi: 10.1056/NEJMoa2105675. Online ahead of print.
56. Preventing adverse cardiac events (PACE) in chronic obstructive pulmonary disease (COPD): study protocol for a double-blind, placebo controlled, randomised controlled trial of bisoprolol in COPD. Martin A, Hancox RJ, Chang CL, Beasley R, Wrobel J, McDonald V, Dobler CC, Yang IA, Farah CS, Cochrane B, Hillis GS, Scowcroft CP, Aggarwal A, **Di Tanna GL**, Balicki G, Galgey S, Jenkins C. *BMJ Open*. 2021 Aug 27;11(8):e053446. doi: 10.1136/bmjopen-2021-053446.
57. What paradigm shifts occurred in the management of acute diverticulitis during the COVID-19 pandemic? A scoping review. Gallo G, Ortenzi M, Grossi U, **Di Tanna GL**, Pata F, Guerrieri M, Sammarco G, Di Saverio S. *World J Clin Cases*. 2021 Aug 16;9(23):6759-6767. doi: 10.12998/wjcc.v9.i23.6759.
58. Asthma and Coronavirus Disease 2019 Risk: A systematic review and meta-analysis. Sunjaya AP, Allida S, **Di Tanna GL**, Jenkins C. *Eur Respir J*. 2021 Aug 12:2101209. doi: 10.1183/13993003.01209-2021.

59. Long-term costs and cost-effectiveness of adjunctive corticosteroids for patients with septic shock in New Zealand. Thompson KJ, Young PJ, Venkatesh B, Cohen J, Finfer SR, Grattan S, Hammond NE, Jan S, Li Q, **Di Tanna GL**, McArthur C, Myburgh J, Rajbhandari D, Taylor CB. *Aust Crit Care*. 2021 Jul 26:S1036-7314(21)00072-2. doi: 10.1016/j.aucc.2021.05.006.
60. Vital Signs During the COVID-19 Outbreak: A Retrospective Analysis of 19,960 Participants in Wuhan and Four Nearby Capital Cities in China. Li JW, Guo YT, **Di Tanna GL**, Neal B, Chen YD, Schutte AE. *Glob Heart*. 2021 Jul 13;16(1):47. doi: 10.5334/gh.913. eCollection 2021.
61. E-consensus on telemedicine in colorectal surgery: a RAND/UCLA-modified study. Gallo G, Picciariello A, **Di Tanna GL**, Santoro GA, Perinotti R, Telemedicine in Colorectal Surgery Italian Working Group, Grossi Updates Surg. 2021 Jul 26. doi: 10.1007/s13304-021-01139-8. Online ahead of print.
62. Clinician preferences for prescription of corticosteroids in patients with septic shock: an international survey. Hammond NE, Kumar A, Vijayaraghavan BKT, Arabi YM, Cohen J, **Di Tanna GL**, Grattan S, van Heerden V, Joynt G, Machado FR, Perner A, Rhodes A, Yeh T, Venkatesh B. *Crit Care Resusc* 2021; 23 (2): 234-238
63. Dysnatremia and 6-Month Functional Outcomes in Critically Ill Patients With Aneurysmal Subarachnoid Hemorrhage: A Prospective Cohort Study. Cohen J, Delaney A, Anstey J, Anstey M, Barge D, Bellomo R, Bhardwa V, Brinkerhoff G, Board J, Campain A, Cooper DJ, **Di Tanna GL**, Finnis M, Fitzgerald E, Flower O, Healey P, Hunt A, Lawrence C, Merthens J, Newby L, Pearson D, Raith E, Robertson Y, Schweikert S, Starr T, Tallott M, van der Poll A, Young P, Udy A. *Crit Care Explor*. 2021 Jun 8;3(6):e0445. doi: 10.1097/CCE.0000000000000445. eCollection 2021 Jun.
64. (*) Mixed adenoneuroendocrine carcinoma (MANEC) of the lower gastrointestinal tract: A systematic review with Bayesian hierarchical survival analysis. Grossi U, Bonis A, Carrington EV, Mazzobel E, Santoro GA, Cattaneo L, Centonze G, Gallo G, Kazemi Nava A, Romano M, **Di Tanna GL**, Zanusi G. *Eur J Surg Oncol*. 2021 May 14:S0748-7983(21)00497-2. doi: 10.1016/j.ejso.2021.05.021.
65. Training healthcare providers to respond to intimate partner violence against women. Kalra N, Hooker L, Reisenhofer S, **Di Tanna GL**, García-Moreno C. *Cochrane Database Syst Rev*. 2021 May 31;5:CD012423. doi: 10.1002/14651858.CD012423.pub2.
66. Canagliflozin Reduces Kidney-Related Adverse Events in Type 2 Diabetes and CKD: Findings From the Randomized CREDENCE Trial. Heerspink HJL, Oshima M, Zhang H, Li J, Agarwal R, Capuano G, Charytan DM, Craig J, de Zeeuw D, **Di Tanna GL**, Levin A, Neal B, Perkovic V, Wheeler DC, Yavin Y, Jardine MJ. *Am J Kidney Dis*. 2021 May 21:S0272-6386(21)00626-0. doi: 10.1053/j.ajkd.2021.05.005.
67. Renal hemodynamic response to SGLT-2 inhibition does not depend on protein intake: an analysis of three randomized controlled trials. van der Aart-van der Beek AB, Cherney D, Laverman GD, Stefansson B, van Raalte DH, Hoogenberg K, Reyner D, Li Q, **Di Tanna GL**, Greasley PJ, Heerspink HJL. *Diabetes Obes Metab*. 2021 Apr 28. doi: 10.1111/dom.14411.
68. An electronic decision support-based complex intervention to improve management of cardiovascular risk in primary health care: a cluster randomised trial (INTEGRATE). Webster R, Usherwood T, Joshi R, Saini B, Armour C, Critchley S, **Di Tanna GL**, Galgey S, Hespe CM, Jan S, Karia A, Kaur B, Krass I, Laba TL, Li Q, Lo S, Peiris DP, Reid C, Rodgers A, Shiel L, Strathdee J, Zamora N, Patel A. *Med J Aust*. 2021 Apr 26. doi: 10.5694/mja2.51030.
69. Intraoperative sub-areolar frozen section analysis for detecting nipple involvement in candidates for nipple-sparing mastectomy. Suarez-Zamora DA, Mustafa RA, Estrada-Orozco K, Rodriguez-Urrego PA, Torres-Franco F, Barreto-Hauzeur L, Mora-Ochoa H, **Di Tanna GL**, Yepes-Nuñez JJ. *Cochrane Database of Systematic Reviews* 2021, Issue 4. Art. No.: CD014702. DOI: 10.1002/14651858.CD014702.
70. Improving indoor air quality through an air purifier able to reduce aerosol particulate matter (PM) and volatile organic compounds (VOCs): Experimental Results. Fermo P, Artíñano B, De Gennaro G, Pantaleo AM,

Parente A, Battaglia F, Colicino E, **Di Tanna G**, Goncalves da Silva Junior A, Pereira IG, Garcia GS, Garcia Goncalves LM, Comite V, Miani A. *Environ Res.* 2021 Apr 15:111131. doi: 10.1016/j.envres.2021.111131. Online ahead of print.

71. Systematic Characterization of Defecographic Abnormalities in a Consecutive Series of 827 Patients with Chronic Constipation. Grossi U, Heinrich H, **Di Tanna GL**, Taylor SA, Vollebregt PF, Knowles CH, Scott SM. *Dis Colon Rectum.* 2021 Apr 5. doi: 10.1097/DCR.0000000000001923. Online ahead of print
72. An assessment of knowledge and education about sepsis among medical students: A multi-university survey. Datta R, **Di Tanna, GL**, Youssef M, Harley A, Schlapbach LJ, Nunnink L, Venkatesh B. *Critical Care and Resuscitation*, 2021, 23(1), 117–118. <https://search.informit.org/doi/10.3316/informit.693929134224336>
73. E-consensus on telemedicine in proctology: A RAND/UCLA-modified study. Gallo G, Grossi U, Sturiale A, **Di Tanna GL**, Picciarrello A, Pillon S, Mascagni D, Altomare DF, Naldini G, Perinotti R; Telemedicine in Proctology Italian Working Group. *Surgery.* 2021 Mar 22:S0039-6060(21)00087-8. doi: 10.1016/j.surg.2021.01.049.
74. Blood Pressure Effects of Canagliflozin and Clinical Outcomes in Type 2 Diabetes and Chronic Kidney Disease: Insights from the CREDENCE Trial. Ye N, Jardine MJ, Oshima M, Hockham C, Heerspink HJL, Agarwal R, Bakris G, Schutte AE, Arnott C, Chang TI, Górriz JL, Cannon CP, Charytan DM, de Zeeuw D, Levin A, Mahaffey KW, Neal B, Pollock C, Wheeler DC, **Di Tanna GL**, Cheng H, Perkovic V, Neuen BL. *Circulation.* 2021 May 4;143(18):1735-1749. doi: 10.1161/CIRCULATIONAHA.120.048740. Epub 2021 Feb 8.
75. Impact of Hybrid Operating Rooms on Long-Term Clinical Outcomes Following Fenestrated and Branched Endovascular Aortic Repair. Tinelli G, Bonnet M, Hertault A, Sica S, **Di Tanna GL**, Bianchini A, Fabre D, Sobocinski J, Haulon S. *J Endovasc Ther.* 2021 Mar 4:1526602821996725. doi: 10.1177/1526602821996725.
76. Asthma and risk of infection, hospitalisation, ICU admission and mortality from COVID-19: Systematic review and meta-analysis. Sunjaya AP, Allida SM, **Di Tanna GL**, Jenkins C. *J Asthma.* 2021 Feb 8:1-22. doi: 10.1080/02770903.2021.1888116. Online ahead of print.
77. (*) Health Economic Evaluation Alongside Stepped Wedge Trials: A Methodological Systematic Review. Lung T, Si L, Hooper R, **Di Tanna GL**. *Pharmacoeconomics.* 2021 Jan;39(1):63-80. doi: 10.1007/s40273-020-00963-x. Epub 2020 Oct 5
78. Prevalence of childhood maltreatment among people with opioid use disorder: A systematic review and meta-analysis. Santo T Jr, Campbell G, Gisev N, Tran LT, Colledge S, **Di Tanna GL**, Degenhardt L. *Drug Alcohol Depend.* 2021 Feb 1;219:108459. doi: 10.1016/j.drugalcdep.2020.108459. Epub 2020 Dec 20.
79. Relationship between measured and prescribed dialysate sodium in haemodialysis: a systematic review and meta-analysis. Ng JK, Smyth B, Marshall MR, Kang A, Pinter J, Bassi A, Krishnasamy R, Rossignol P, Rocco MV, Li Z, Jha V, Hawley CM, Kerr PG, **Di Tanna GL**, Woodward M, Jardine AM. *Nephrol Dial Transplant.* 2020 Dec 26:gfaa287. doi: 10.1093/ndt/gfaa287.
80. The Effect of Low Dose Corticosteroids and Theophylline on the Risk of Acute Exacerbations of COPD. The TASCs Randomised Controlled Trial. Jenkins CR, Wen FQ, Martin A, Barnes PJ, Celli B, Zhong NS, Zheng JP, Scaria A, **Di Tanna GL**, Bradbury T, Berend N; TASCs study investigators. *Eur Respir J.* 2020 Dec 17:2003338. doi: 10.1183/13993003.03338-2020. Online ahead of print.
81. DELayed COloRectal cancer care during COVID-19 Pandemic (DECOR-19): Global perspective from an international survey. Santoro GA, Grossi U, Murad-Regadas S, Nunoo-Mensah JW, Mellgren A, **Di Tanna GL**, Gallo G, Tsang C, Wexner SD; DECOR-19 Collaborative Group. *Surgery.* 2020 Nov 17:S0039-6060(20)30778-9. doi: 10.1016/j.surg.2020.11.008. Online ahead of print.

82. (*) Health State Utilities of Patients with Heart Failure: A Systematic Literature Review. **Di Tanna GL**, Urbich M, Wirtz HS, Potrata B, Heisen M, Bennison C, Brazier J, Globe G. *Pharmacoeconomics*. 2020 Nov 30. doi: 10.1007/s40273-020-00984-6. Online ahead of print.
83. Short-Term Outcomes of Polycarbophil and Propionibacterium acnes Lysate Gel after Open Hemorrhoidectomy: A Prospective Cohort Study. Gallo G, Grossi U, **Di Tanna GL**, Santoro GA, De Paola G, Clerico G, Realis Luc A, Trompetto M, Sammarco G. *J Clin Med*. 2020 Dec 10;9(12):E3996. doi: 10.3390/jcm9123996.
84. Change in mean salt intake over time using 24-h urine versus overnight and spot urine samples: a systematic review and meta-analysis. Santos JA, Li KC, Huang L, Mclean R, Petersen K, **Di Tanna GL**, Webster J. *Nutrition Journal* (2020) 19:136. <https://doi.org/10.1186/s12937-020-00651-8>.
85. Vision impairment and driving: protocol for a systematic review and meta-analysis of associations and the effectiveness of vision-related interventions. Nguyen H, **Di Tanna GL**, Coxon K, Brown J, Ren K, Ramke J, Burton MJ, Gordon I, Zhang JH, Furtado JM, Mdala S, Kitema GF, Keay L. *BMJ Open*. 2020 Nov 5;10(11):e040881. doi: 10.1136/bmjopen-2020-040881.
86. A Worldwide Survey On Proctological Practice During Covid-19 Lockdown (Proctolock 2020): A Cross-Sectional Analysis. Gallo G, Sturiale A, De Simone V, **Di Tanna GL**, Giani I, Grossi U; ProctoLock 2020 Working Group. *Colorectal Dis*. 2020 Oct 6. doi: 10.1111/codi.15394. Online ahead of print.
87. (*) A Systematic Review of Medical Costs Associated with Heart Failure in the USA (2014–2020). Urbich M, Globe G, Pantiri K, Heisen M, Bennison C, Wirtz HS, **Di Tanna GL**. *Pharmacoeconomics*. 2020 Aug 19. doi: 10.1007/s40273-020-00952-0. Online ahead of print.
88. The impact of COVID-19 on proctologic practice in Italy. Gallo G, Sturiale A, De Simone V, **Di Tanna GL**, Bianco F, Perinotti R, Giani I, Grossi U. *Tech Coloproctol*. 2020 Aug 10. doi: 10.1007/s10151-020-02319-1. Online ahead of print.
89. Deadlock of proctologic practice in Italy during COVID-19 pandemic: a national report from ProctoLock2020. Gallo G, Sturiale A, De Simone V, Mancini S, **Di Tanna GL**, Milito G, Bianco F, Perinotti R, Giani I, Grossi U. *Updates Surg*. 2020 Aug 8. doi: 10.1007/s13304-020-00860-0. Online ahead of print.
90. (*) Clinical and epidemiological performance of WHO Ebola case definitions: a systematic review and meta-analysis. Caleo G, Theocharaki F, Lokuge K, Weiss HA, Inamdar L, Grandesso F, Danis K, Pedalino B, Kobinger G, Sprecher A, Greig J, **Di Tanna GL**. *Lancet Infect Dis*. 2020 Jun 25:S1473-3099(20)30193-6. doi: 10.1016/S1473-3099(20)30193-6.
91. Effects of the SGLT2 Inhibitor Dapagliflozin on Proteinuria in Non-Diabetic Patients with Chronic Kidney Disease (DIAMOND): A Randomised Double Blind Cross-Over Trial. Cherney D, Dekkers CCJ, Barbour SJ, Cattran D, Gafor AHA, Greasley PJ, Laverman GD, Lim SK, **Di Tanna GL**, Reich HN, Vervloet MG, Wong MG, Gansevoort RT, Heerspink HJL. *Lancet Diabetes Endocrinol*. 2020 Jul;8(7):582-593. doi: 10.1016/S2213-8587(20)30162-5.
92. Implantable Agents for Fecal Incontinence: An Age-Matched Retrospective Cohort Analysis of GateKeeper versus SphinKeeper. Grossi U, Bruscianno L, Tolone S, Del Genio G, **Di Tanna GL**, Gambardella C, Docimo L. *Surg Innov*. 2020 Jun 16:1553350620934932. doi: 10.1177/1553350620934932.
93. The effects of a supermarket-based intervention on the nutritional quality of private-label foods: A prospective study. Coyle D, Wu JHY, **Di Tanna GL**, Shahid M, Taylor F, Neal B, Trevena H. *Nutrients*. 2020 Jun 5;12(6):E1692. doi: 10.3390/nu12061692.
94. Use of RAAS inhibitors and risk of clinical deterioration in COVID-19: results from an Italian cohort of 133 hypertensives. Felice C, Nardin C, **Di Tanna GL**, Grossi U, Bernardi E, Scaldaferrri L, Romagnoli M, Tonon L,

Cavasin P, Novello S, Scarpa R, Farnia A, De Menis E, Rigoli R, Cinetto F, Pauletto P, Agostini C, Rattazzi M. *Am J Hypertens*. 2020 Jun 8:hpaa096. doi: 10.1093/ajh/hpaa096.

95. Impact of COVID-19 Outbreak on Healthcare Workers in Italy: Results from a National E-Survey. Felice C, **Di Tanna GL**, Zanus G, Grossi U. *J Community Health*. 2020 May 22. doi: 10.1007/s10900-020-00845-5.
96. The effect of canagliflozin on amputation risk in the CANVAS Program and the CREDENCE trial. Arnott C, Huang Y, Neuen B, **Di Tanna GL**, Cannon CP, Oh R, Edwards R, Kavalam M, Rosenthal N, Perkovic V, Jardine M, Mahaffey K, Neal B. *Diabetes Obes Metab*. 2020 May 21. doi: 10.1111/dom.14091. Online ahead of print.
97. Renal, Cardiovascular, and Safety Outcomes of Canagliflozin By Baseline Kidney Function: A Secondary Analysis of the CREDENCE Randomized Trial. Jardine MJ, Zhou Z, Mahaffey KW, Oshima M, Agarwal R, Bakris G, Bajaj HS, Bull S, Cannon CP, Charytan DM, de Zeeuw D, **Di Tanna GL**, Greene T, Heerspink HJL, Levin A, Neal B, Pollock C, Qiu R, Sun T, Wheeler DC, Zhang H, Zinman B, Rosenthal N, Perkovic V. *J Am Soc Nephrol*. 2020 May;31(5):1128-1139. doi: 10.1681/ASN.2019111168.
98. Voriconazole: An audit of hospital dosing and monitoring and evaluation of the predictive performance of a dose prediction software. Chaudhri K, Stocker S, Williams K, McLeay R, Marriott D, **Di Tanna GL**, Day R, Carland J. *J Antimicrob Chemother*. 2020 Apr 11. pii: dkaa098. doi: 10.1093/jac/dkaa098.
99. (*) Evaluating risk prediction models for adults with heart failure: A systematic literature review. **Di Tanna GL**, Burrows KL, Wirtz HS, Globe G. *PLoS One*. 2020 Jan 15;15(1):e0224135. doi: 10.1371/journal.pone.0224135. eCollection 2020.
100. More intensive LDL-C lowering reduces major vascular events beyond current recommendations: systematic review and meta-analysis of 327,037 patients from cholesterol lowering randomised controlled trials. Wang N, Fulcher J, Abeysuriya N, Park L, Kumar S, **Di Tanna GL**, Wilcox I, Keech A, Rodgers A, Lal S. *Lancet Diabetes Endocrinol*. 2020 Jan;8(1):36-49. doi: 10.1016/S2213-8587(19)30388-2.
101. Inequalities in prescription rates of anti-osteoporosis drugs in primary care in England: a practice-level prescribing data analysis in 2013-2018. Agirrezabal I, Cabasés JM, **Di Tanna GL**, Sánchez-Iriso E. *Bone*. 2020 Jan;130:115125. doi: 10.1016/j.bone.2019.115125. Epub 2019 Nov 2.
102. (*) Longitudinal assessment of utilities in patients with migraine: an analysis of erenumab randomized controlled trials. **Di Tanna GL**, Porter JK, Lipton RB, Hatswell AJ, Sapra S, Villa G. *Health Qual Life Outcomes*. 2019 Nov 12;17(1):171. doi: 10.1186/s12955-019-1242-6.
103. Does splitting a tablet obtain the accurate dose? A systematic review protocol. Chaudhri K, Kearney M, **Di Tanna GL**, Day RO, Rodgers A, Atkins E. *Medicine (Baltimore)*. 2019 Oct;98(42):e17189. doi: 10.1097/MD.00000000000017189.
104. Normative values for region-specific colonic and gastrointestinal transit times in 111 healthy volunteers using the 3D-Transit electromagnet tracking system: Influence of age, gender, and body mass index. Nandhra GK, Mark EB, **Di Tanna GL**, Haase AM, Poulsen J, Christodoulides S, Kung V, Klinge MW, Knudsen K, Borghammer P, Andersen KO, Fynne L, Sutter N, Schlageter V, Krogh K, Drewes AM, Birch M, Scott SM. *Neurogastroenterol Motil*. 2019 Sep 29:e13734. doi: 10.1111/nmo.13734.
105. (*) Economic Evaluations of Pharmacological Treatments in Heart Failure Patients: A Methodological Review with a Focus on Key Model Drivers. **Di Tanna GL**, Chen S, Bychenkova A, Wirtz HS, Burrows KL, Globe G. *Pharmacoecon Open*. 2020 Sep;4(3):397-401. doi: 10.1007/s41669-019-00173-y.
106. Recalled stapler device, high complication rate, non validated scoring system and misquote from the STARR surgeons. Grossi U, Mercer-Jones M, **Di Tanna GL**, Knowles CH. *Tech Coloproctol*. 2019 Oct;23(10):1017-1018. doi: 10.1007/s10151-019-02068-w. Epub 2019 Aug 26.

107. Contemporary surgical practice in the management of anal fistula: results from an international survey. Ratto C, Grossi U, Litta F, **Di Tanna GL**, Parello A, De Simone V, Tozer P, De Zimmerman D, Maeda Y. *Tech Coloproctol*. 2019 Aug;23(8):729-741. doi: 10.1007/s10151-019-02051-5. Epub 2019 Jul 31.
108. (*) The effect of Xpert MTB/RIF on clinical outcomes in routine care settings: Individual patient data meta-analysis. **Di Tanna GL**, Khaki AR, Theron G, Grant AD, McCarthy K, Cox H, Mupfumi L, Trajman A, Zijenah LS, Mason P, Bandason T, Durovni B, Bara W, Hoelscher M, Clowes P, Mangu C, Chanda D, Pym A, Mwaba P, Cobelens F, Nicol MP, Dheda K, Churchyard G, Fielding K, Metcalfe J. *Lancet Glob Health*. 2019 Feb;7(2):e191-e199. doi: 10.1016/S2214-109X(18)30458-3.
109. (*) Migraine day frequency in migraine prevention: longitudinal modelling approaches. **Di Tanna GL**, Porter JK, Lipton RB, Brennan A, Palmer S, Hatswell AJ, Sapra S, Villa G. *BMC Med Res Methodol*. 2019 Jan 23;19(1):20. doi: 10.1186/s12874-019-0664-5.
110. (*) Evaluating Cost-Effectiveness Models for Pharmacologic Interventions in Adults With Heart Failure: A Systematic Literature Review. **Di Tanna GL**, Bychenkova A, O'Neill F, Wirtz HS, Miller P, O'Hartaigh B, Globe G. *Pharmacoeconomics*. 2019 Mar;37(3):359-389. doi: 10.1007/s40273-018-0755-x. Review.
111. Gatekeeper Improves Voluntary Contractility in Patients With Fecal Incontinence. Grossi U, De Simone V, Parello A, Litta F, Donisi L, **Di Tanna GL**, Goglia M, Ratto C. *Surg Innov*. 2018 Dec 14;1553350618818924. doi: 10.1177/1553350618818924.
112. Systematic review with meta-analysis: defecography should be a first-line diagnostic modality in patients with refractory constipation. Grossi U, **Di Tanna GL**, Heinrich H, Taylor SA, Knowles CH, Scott SM. *Aliment Pharmacol Ther*. 2018 Dec;48(11-12):1186-1201. doi: 10.1111/apt.15039. Epub 2018 Nov 11. Review.
113. Costs of Acute Headache Medication Use and Productivity Losses Among Patients with Migraine: Insights from Three Randomized Controlled Trials. Porter JK, **Di Tanna GL**, Lipton RB, Sapra S, Villa G. *Pharmacoecon Open*. 2019 Sep;3(3):411-417. doi: 10.1007/s41669-018-0105-0.
114. Mass drug administration with dihydroartemisinin-piperazine and malaria transmission dynamics in The Gambia - a prospective cohort study. Mwesigwa J, Achan J, Affara M, Wathuo M, Worwui A, Muhommed NI1, Kanuteh F, Prom A, Dierickx S, **Di Tanna GL**, Nwakanma D, Bousema T, Drakeley C, Van Geertruyden JP, D'Alessandro U. *Clin Infect Dis*. 2019 Jul 2;69(2):278-286. doi: 10.1093/cid/ciy870.
115. Do hotspots fuel malaria transmission: a village-scale spatio-temporal analysis of a 2-year cohort study in The Gambia. Stresman G, Mwesigwa J, Achan J, Giorgi E, Worwui A, Jawara M, **Di Tanna GL**, Bousema T, Van Geertruyden JP, Drakeley C, D'Alessandro U. *BMC Med*. 2018 Sep 14;16(1):160. doi: 10.1186/s12916-018-1141-4.
116. Smartphone-based screening for visual impairment in Kenyan school children: a cluster randomised controlled trial. Rono HK, Bastawrous A, Macleod D, Wanjala E, **Di Tanna GL**, Weiss HA, Burton MJ. *Lancet Glob Health* 2018 Aug;6(8):e924-e932. doi: 10.1016/S2214-109X(18)30244-4.
117. Ready-to-use food supplement +/- arginine & citrulline with daily chloroquine in Tanzanian children with sickle cell disease: a double blind random order cross-over trial. Cox SE, Ellins EA, Marealle AI, Newton CR, Soka D, Sasi P, **Di Tanna GL**, Johnson W, Makani J, Prentice AM, Halcox JP, Kirkham FJ. *Lancet Haematol*. 2018 Apr;5(4):e147-e160 (March 13, 2018 [http://dx.doi.org/10.1016/S2352-3026\(18\)30020-6](http://dx.doi.org/10.1016/S2352-3026(18)30020-6))
118. A propensity-matched comparison for fenestrated endovascular aneurysm repair and open surgical repair of pararenal and paravisceral aortic aneurysms. Tinelli G, Crea A, De Waure C, **Di Tanna GL**, Sobo J, Snider F. *J Vasc Surg*. 2018 Mar 22. pii: S0741-5214(18)30257-X. doi: 10.1016/j.jvs.2017.12.060. [Epub ahead of print].
119. Evaluating practical support stroke survivors get with medicines and unmet needs in primary care: A survey. Jamison J, Ayerbe L, **Di Tanna GL**, Sutton S, Mant J, De Simoni A. *BMJ Open* 2018; 8:e019874. doi: 10.1136/bmjopen-2017-019874.

120. The factors affecting household transmission dynamics and community compliance with Ebola control measures: a mixed-methods study in a rural village in Sierra Leone. Caleo G, Duncombe J, Jephcott F, Lokuge K, Mills C, Looijen E, Theoharaki F, Kremer R, Kleijer K, Squire J, Lamin M, Stringer B, Weiss HA, Culli D, **Di Tanna GL**, Greig J. *BMC Global Health* 2018 18:248.
121. Stepped-wedge randomised trial of laparoscopic ventral mesh rectopexy in adults with chronic constipation: study protocol for a randomized controlled trial. Grossi U, Stevens N, McAlees E, Lacy-Colson J, Brown S, Dixon A, **Di Tanna GL**, Scott SM, Norton C, Marlin N, Mason J, Knowles CH. *Trials* (2018) 2018 Feb 5;19(1):90.
122. How well do discrete choice experiments predict health choices? A systematic review and meta-analysis of external validity. Quaipe M, Terris-Prestholt F, **Di Tanna GL**, Vickerman P. *Eur J Health Econ.* 2018 Nov;19(8):1053-1066. doi: 10.1007/s10198-018-0954-6. Epub 2018 Jan 29.
123. (*) A systematic review of the economic impact of rapid diagnostic tests for dengue. Lim JK, Alexander N, **Di Tanna GL**. *BMC Health Serv Res.* 2017 Dec 29;17(1):850. doi: 10.1186/s12913-017-2789-8. PMID: 29284474.
124. Residual malaria transmission dynamics varies across The Gambia despite high coverage of control interventions. Mwesigwa J, Achan J, **Di Tanna GL**, Affara M, Jawara M, Worwui A, Hamid-Adiamoh M, Kanuteh F, Ceesay S, Bousema T, Drakeley C, Grietens KP, Lindsay SW, Van Geertruyden JP, D'Alessandro U. *PLoS One.* 2017 Nov 2;12(11):e0187059. doi: 10.1371/journal.pone.0187059. eCollection 2017. PubMed PMID: 29095834.
125. Spatial analysis of cluster randomised trials: a systematic review of analysis methods. Jarvis C, **Di Tanna GL**, Lewis D, Alexander N, Edmunds WJ. *Emerg Themes Epidemiol.* 2017 Sep 21;14:12. doi: 10.1186/s12982-017-0066-2. eCollection 2017. Review. PubMed PMID: 28947911; PubMed Central PMCID: PMC5609008.
126. A novel non-surgical method for mild peri-implantitis- a multicenter consecutive case series. Wohlfahrt JC, Evensen BJ, Zeza B, Jansson H, Pilloni A, Roos-Jansåker AM, **Di Tanna GL**, Aass AM, Klepp M, Koldslund OC. *Int J Implant Dent.* 2017 Dec;3(1):38. doi: 10.1186/s40729-017-0098-y. Epub 2017 Aug 3. PubMed PMID: 28776288; PubMed Central PMCID: PMC5543013.
127. Implant Patient Compliance Varies by Periodontal Treatment History. Zeza B, Pilloni A, Tatakis DN, Mariotti A, **Di Tanna GL**, Mongardini C. *J Periodontol.* 2017 Sep;88(9):846-853. doi: 10.1902/jop.2017.160528. Epub 2017 Jun 9. PubMed PMID: 28598288.
128. Hospitalizations in Pediatric and Adult Patients for All Cancer Type in Italy: The EPIKIT Study under the E.U. COHEIRS Project on Environment and Health. Piscitelli P, Marino I, Falco A, Rivezzi M, Romano R, Mazzella R, Neglia C, Della Rosa G, Pellerano G, Militerno G, Bonifacino A, Rivezzi G, Romizi R, Miserotti G, Montella M, Bianchi F, Marinelli A, De Donno A, De Filippis G, Serravezza G, **Di Tanna GL** et al. *Int J Environ Res Public Health.* 2017 May 9;14(5). pii: E495. doi: 10.3390/ijerph14050495. PubMed PMID: 28486413; PubMed Central PMCID: PMC5451946.
129. Adjunctive efficacy of probiotics in the treatment of experimental peri-implant mucositis with mechanical and photodynamic therapy: a randomized, cross-over clinical trial. Mongardini C, Pilloni A, Farina R, **Di Tanna GL**, Zeza B. *J Clin Periodontol.* 2017 Apr;44(4):410-417. doi: 10.1111/jcpe.12689. Epub 2017 Feb 18. PubMed PMID: 28032908.
130. Training healthcare providers to respond to intimate partner violence against women. Kalra N, **Di Tanna GL**, Garcia-Moreno C. *Cochrane Database of Systematic Reviews* 2017.
131. The Gametocytocidal Efficacy of Different Single Doses of Primaquine with Dihydroartemisinin-piperaquine in Asymptomatic Parasite Carriers in The Gambia: A Randomized Controlled Trial. Okebe J, Bousema T, Affara M, **Di Tanna GL**, Dabira E, Gaye A, Sanya-Isijola F, Badji H, Correa S, Nwakanma D, Van Geertruyden JP,

Drakeley C, D'Alessandro U. *EBioMedicine*. 2016 Nov;13:348-355. doi: 10.1016/j.ebiom.2016.10.032. Epub 2016 Oct 23. PubMed PMID: 27825738; PubMed Central PMCID: PMC5264436.

132. Diabetes and Obesity as Independent Risk Factors for Osteoporosis: Updated Results from the ROIS/EMEROS Registry in a Population of Five Thousand Post-Menopausal Women Living in a Region Characterized by Heavy Environmental Pressure. Neglia C, Argentiero A, Chitano G, Agnello N, Ciccacese R, Vigilanza A, Pantile V, Argentiero D, Quarta R, Rivezzi M, **Di Tanna GL**, Di Somma C, Migliore A, Iolascon G, Gimigliano F, Distante A, Piscitelli P. *Int J Environ Res Public Health*. 2016 Nov 1;13(11). pii: E1067. PubMed PMID: 27809297; PubMed Central PMCID: PMC5129277.
133. (*) Cochrane Consumers and Communication Review Group: cluster randomised controlled trials. McKenzie J, Ryan R, **Di Tanna GL**; Cochrane Consumers and Communication Review Group. <http://cccrg.cochrane.org>, December 2016
134. On-going malaria transmission in The Gambia despite high coverage of control interventions: a nationwide cross-sectional survey. Mwesigwa J, Okebe J, Affara M, **Di Tanna GL**, et al. *Malar J*. 2015 Aug 14;14(1):314. doi: 10.1186/s12936-015-0829-6.
135. The gametocytocidal efficacy of primaquine in malaria asymptomatic carriers treated with dihydroartemisinin-piperaquine in The Gambia (PRINOGAM): study protocol for a randomised controlled trial. Okebe J, Bousema T, Affara M, **Di Tanna GL**, et al. *Trials*. 2015 Dec;16(1):70. doi: 10.1186/s13063-015-0597-1. Epub 2015 Mar 1.
136. Modeling the Long-term Persistence of Hepatitis A Antibody After a Two-Dose Vaccination Schedule in Argentinean Children. López EL, Contrini MM, Mistchenko A, Kieffer A, Baggaley RF, **Di Tanna GL**, Desai K, Rasuli A, Armoni J. *Pediatr Infect Dis J*. 2015 Apr;34(4):417-425.
137. Estimated glomerular filtration rate progression in UK primary care patients with type 2 diabetes and diabetic kidney disease: a retrospective cohort study. Cid Ruzafa J, Paczkowski R, Boye KS, **Di Tanna GL**, et al. *Int J Clin Pract*. 2015 May 25. doi: 10.1111/ijcp.12640.
138. Prevalence of human papillomavirus in head and neck cancers in European populations: a meta-analysis. Abogunrin S, **Di Tanna GL**, Keeping S, Carroll S, Iheanacho I. *BMC Cancer*. 2014 Dec 17;14(1):968.
139. Diabetes and obesity as independent risk factors for osteoporosis in postmenopausal women: A population study. Neglia C, Argentiero A, Chitano G, Agnello N, Giolli L, Di Tanna GL, et al. *European Journal of Inflammation*, vol. 12, 3: pp. 479-487.
140. Light-activated disinfection using a light-emitting diode lamp in the red spectrum: clinical and microbiological short-term findings on periodontitis patients in maintenance. A randomized controlled split-mouth clinical trial. Mongardini C, **Di Tanna GL**, Pilloni A. *Lasers Med Sci*. 2014 Jan;29(1):1-8. doi: 10.1007/s10103-012-1225-x. Epub 2012 Nov 9.
141. Prevalence of peripheral artery disease by abnormal ankle-brachial index in atrial fibrillation: implications for risk and therapy. Violi F, Daví G, Hiatt W, Lip GY, Corazza GR, Perticone F, Proietti M, Pignatelli P, Vestri AR, Basili S; ARAPACIS Study Investigators. *J Am Coll Cardiol*. 2013 Dec 10;62(23):2255-6. doi: 10.1016/j.jacc.2013.07.035. Epub 2013 Aug 14
142. (*) A commentary on “Graphical tools for network meta-analysis in Stata”. Chaimani A, Higgins JP, Mavridis D, Spyridonos P, Salanti G. *PLoS ONE* 2013; 8(10):e76654”. **Di Tanna GL**. *Cochrane Methods*. *Cochrane DB Syst Rev* 2014 Suppl 1: 1–54.
143. Prevalence of oral impacts and validity of the Child-Oral Impacts on Daily Performance (OIDP): pilot study of 10-11 year-old children in Italy. Guerra F, Tsakos G, Corridore D, Nardi GM, Di Giorgio G, **Di Tanna GL**, Ottolenghi L. *Senses Sci* 2014; 1:18-23. doi: 10.14616/sands-2014-1-1823

144. Clinical improvement and resorption of calcifications in calcific tendinitis of the shoulder after shock wave therapy at 6 months' follow-up: A systematic review and meta-analysis. Ioppolo F, Tattoli , Di Sante L, Venditto T, Tognolo L, Delicata M, Rizzo RS, **Di Tanna GL**, Santilli V. Archives of Physical Medicine and Rehabilitation (2013) 94:9 (1699-1706).
145. (*) Methodological issues for the economic evaluation of health interventions: a concise state of the art. **Di Tanna GL**, Baio G. Epidemiology Biostatistics and Public Health (2013) 10:2 (1-12).
146. Neuroendocrine markers and psychological features in patients with irritable bowel syndrome. Stasi C, Bellini M, Costa F, Mumolo MG, Ricchiuti A, Grosso M, Duranti E, Metelli MR, Gambaccini D, Bianchi L, **Di Tanna G**, Laffi G, Taddei S, Marchi S. International Journal of Colorectal Disease (2013) 28:9 (1203-1208).
147. The ability of lumbar Spine DXA and phalanx QUS to detect previous fractures in young thalassemic patients with hypogonadism, hypothyroidism, diabetes, and hepatitis-B: A 2-year subgroup analysis from the Taranto area of Apulia Region. Argentiero A, Neglia C, Peluso A, Di Rosa S, Ferrarese A, **Di Tanna GL**, Caiaffa V, Benvenuto M, Cozma A, Chitano G, Agnello N, Paladini D, Baldi N, Distante A, Piscitelli P. Journal of Pediatric Hematology/Oncology (2013) 35:6 (e260-e264).
148. Validation of a food-frequency questionnaire for the assessment of calcium intake in schoolchildren aged 9-10 years. Pampaloni B, Bartolini E, Barbieri M, Piscitelli P, **Di Tanna GL**, Giolli L, Brandi ML. Calcified Tissue International (2013) 93:1 (23-38).
149. (*) Distribution and trends in mesothelioma mortality in Italy from 1974 to 2006. Gatto MP, **Di Tanna GL**. Int Arch Occup Environ Health. (2013) May; 86(4):489-96.
150. Assessing the risk of osteonecrosis of the jaw due to bisphosphonate therapy in the secondary prevention of osteoporotic fractures. Lapi F, Cipriani F, Caputi AP, et al. Osteoporos Int. 2013 Feb;24(2):697-705.
151. New treatments compared to established treatments in randomized trials. Djulbegovic B, Kumar A, Glasziou PP, Perera R, Reljic T, Dent L, Raftery J, Johansen M, **Di Tanna GL**, Miladinovic B, Soares HP, Vist GE. Chalmers Cochrane database of systematic reviews (Online) (2012) 10 (MR000024).
152. The burden of breast cancer in Italy: Mastectomies and quadrantectomies performed between 2001 and 2008 based on nationwide hospital discharge records. Piscitelli P, Barba M, Crespi M, Di Maio M, Santoriello A, D'Aiuto M, Fucito A, Losco A, Pentimalli F, Maranta P, Chitano G, Argentiero A, Neglia C, Distante A, **Di Tanna GL**, Brandi ML, Mazza A, Marino IR, Giordano A. Journal of Experimental and Clinical Cancer Research J Exp Clin Cancer Res. 2012 Nov 20;31:96.
153. Adherence to calcium and vitamin D supplementations: Results from the ADVICE survey. Conti F, Piscitelli P, Italiano G, Parma A, Caffetti MC, Giolli L, **Di Tanna GL**, Guazzini A, Brandi ML. Clinical Cases in Mineral and Bone Metabolism (2012) 9:3 (157-160).
154. Socioeconomic burden of total joint arthroplasty for symptomatic hip and knee osteoarthritis in the Italian population: A 5-year analysis based on hospitalization records. Piscitelli P, Iolascon G, **Di Tanna GL**, Bizzi E, Chitano G, Argentiero A, Neglia C, Giolli L, Distante A, Gimigliano R, Brandi ML, Migliore A. Arthritis Care and Research (2012) 64:9 (1320-1327).
155. Potential usefulness of a combination of inflammatory markers in identifying patients with sarcoidosis and monitoring respiratory functional worsening. Paone G, Cammarella I, **Di Tanna GL**, Vestri A, Leone A, Batzella S, Belli F, Galluccio G, Sebastiani A, Conti V, Terzano C. American Journal of Clinical Pathology (2012) 137:3 (497-499).
156. (*) Increasing delta-9-tetrahydrocannabinol ((delta)-9-THC) content in herbal cannabis over time: Systematic review and meta-analysis. Cascini F, Aiello C, **Di Tanna GL**. Current Drug Abuse Reviews (2012) 5:1 (32-40).

157. Connections between the outcomes of osteoporotic hip fractures and depression, delirium or dementia in elderly patients: Rationale and preliminary data from the CODE study. Piscitelli P, Metozzi A, Benvenuti E, Bonamassa L, Brandi G, Cavalli L, Colli E, Fossi C, Parri S, Giolli L, Tanini A, Fasano A, **Di Tanna GL**, Brandi ML. *Clinical Cases in Mineral and Bone Metabolism* (2012) 9:1 (40-44).
158. Early childhood caries underweight or overweight, that is the question. Vania A, Parisella V, Capasso F, **Di Tanna GL**, Vestri A, Ferrari M, Polimeni A. *European journal of paediatric dentistry : official journal of European Academy of Paediatric Dentistry* (2011) 12:4 (231-235).
159. Nulliparity enhances the risk of second primary malignancy of the breast in a cohort of women treated for thyroid cancer. Consorti F, **Di Tanna GL**, Milazzo F, Antonaci A. *World Journal of Surgical Oncology* (2011) 9: 88 (1-5).
160. (*) Modeling the cost-effectiveness for cement-less and hybrid prosthesis in total hip replacement in Emilia Romagna, Italy. **Di Tanna GL**, Ferro S, Cipriani F, Bordini B, Stea S, Toni A, Silipo F, Pirini G, Grilli R. *Journal of Surgical Research* (2011) 169:2 (227-233).
161. Improving adherence in osteoporosis: A new management algorithm for the patient with osteoporosis. Baio G, Barbagallo M, D'Avola G, Di Luccio A, **Di Tanna GL**, Falaschi P, Iolascon G, Malavolta N, Robbiati F, Ulivieri FM. *Expert Opinion on Pharmacotherapy* (2011) 12:2 (257-268).
162. (*) Does the reduction of coronary artery bypass graft activity worsen the clinical outcomes? **Di Tanna GL**, Sheldon TA, Grilli R. *Italian Journal of Health Policy*. 2011, (12) 2: 80-8.
163. A comparison of risk stratification schemes for stroke in 79 884 atrial fibrillation patients in general practice. Van Staa TP, Setakis E, **Di Tanna GL**, Lane DA, Lip GYH. *Journal of Thrombosis and Haemostasis* (2011) 9:1 (39-48).
164. Comparison of efficacy of antiplatelet treatments for patients with claudication: A meta-analysis. Basili S, Raparelli V, Vestri A, **Di Tanna GL**, Violi F. *Thrombosis and Haemostasis* (2010) 103:4 (766-773).
165. Long-term clinical outcomes and cost-effectiveness analysis in multivessel percutaneous coronary interventions: Comparison of drug-eluting stents, bare-metal stents and a mixed approach in patients at high and low risk of repeat revascularization. Varani E, Guastaroba P, **Di Tanna GL** Saia F, Balducelli M, Campo G, Vignali L, Rossi R, Manari A, Piovaccari G, De Palma R, Marzocchi A. *EuroIntervention* (2010) 5:8 (953-961).
166. Minimally Invasive Carpal Tunnel Release. Cellocco P, Rossi C, El Boustany S, **Di Tanna GL**, Costanzo G. *Orthopedic Clinics of North America* (2009) 40:4 (441-448).
167. Coronary calcium score as gatekeeper for 64-slice computed tomography coronary angiography in patients with chest pain: Per-segment and per-patient analysis. Palumbo AA, Maffei E, Martini C, Tarantini G, **Di Tanna GL**, Berti E, Grilli R, Casolo G, Brambilla V, Cerrato M, Rotondo A, Weustink AC, Mollet NRA, Cademartiri F. *European Radiology* (2009) 19:9 (2127-2135).
168. A study on serum calcium and phosphate in dialysis patients via a mixed effects latent Markov model with two outcomes. Farcomeni A, **Di Tanna GL**, Vestri AR, Viviani S. *BioMedical Statistics and Clinical Epidemiology* 2009; 3 (2): 85-92.
169. Validation of two disease-specific quality of life questionnaires comparing a partial credit model and a latent class model. Viviani S, Farcomeni A, **Di Tanna GL**, Vestri AR. *BioMedical Statistics and Clinical Epidemiology* 2009; 3 (2): 79-84.
170. A proposal of economic evaluation guidelines of sanitary intervention. AIES working group. *Italian Journal of Health Policy* 10; 2, Apr-Jun 2009, 91-99.

171. (*) A cost-effectiveness analysis for the screening of total hip replacements to detect aseptic loosening. **Di Tanna GL**, Girling A, Vestri AR. *BioMedical Statistics and Clinical Epidemiology* 2008; 2(3):231-242.
172. (*) Informative value of clinical research on multislice computed tomography in the diagnosis of coronary artery disease: A systematic review. **Di Tanna GL**, Berti E, Stivanello E, Cademartiri F, Achenbach S, Camerlingo MD, Grilli R. *International Journal of Cardiology* (2008) 130:3 (386-404).
173. Inter-rater reliability of case-note audit: A systematic review. Lilford R, Edwards A, Girling A, Hofer T, **Di Tanna GL**, Petty J, Nicholl J. *Journal of Health Services Research and Policy* (2007) 12:3 (173-180).
174. (*) Public reporting on individual hospitals' quality: the risk of misinformation. **Di Tanna GL**, Cisbani L, Grilli R. *Epidemiologia e prevenzione* (2006) 30:3 (199-204).
175. A quality evaluation methodology of health web-pages for non-professionals. Curro V, Buonomo PS, Onesimo R, De Rose P, Vituzzi A, **Di Tanna GL**, D'Atri A. *Medical Informatics and the Internet in Medicine* (2004) 29:2 (95-107).
176. First Trimester Exposure to Corticosteroids and Oral Clefts. Pradat P, Robert-Gnansia E, **Di Tanna GL**, Rosano A, Lisi A, Mastroiacovo P, Castilla E, Cocchi G, De Vigan C, De Walle H, Lancaster P, Merlob P, Robert E, Sumiyoshi Y. *Birth Defects Research Part A - Clinical and Molecular Teratology* (2003) 67:12 (968-970).
177. (*) Prevalence of gastroschisis at birth: Retrospective study. **Di Tanna GL**, Rosano A, Mastroiacovo P. *British Medical Journal* (2002) 325:7377 (1389-1390).
178. EEG analysis of mice exposed to controlled impulses via ARIMA models. Panetta V, **Di Tanna GL**. *ISRA - Sanità e sicurezza* 1, 11-12, 2001:49-59.
179. (*) Statistical approaches and theoretical foundations of the quantitative study of congenital malformations. **Di Tanna GL**. *Rivista Siciliana Materno Infantile* (2001) 13 (1-2):10-13.

Funded Research Projects / Grants & Commissioned Research / Fellowships

2023 Chief Investigator “The Chronic kidney disease Adaptive Platform Trial Investigating Various Agents for Therapeutic Effect (CAPTIVATE)” – (Australian) National Health and Medical Research Centre (NHMRC) Clinical Trials and Cohorts Studies Grant

2022 Chief Investigator “The Breathlessness Rapid Evaluation And THERapy (BREATHE) Project” 2021 MRFF Chronic Respiratory Conditions

2022 Chief Investigator “Transforming blood pressure control in primary care using the next generation of wearable blood pressure devices: The NEXTGEN-BP randomised trial” - MRFF Primary Health Care Research (AUSD 1,936,263)

2021 Chief Investigator “Safety and Tolerability of AZD6482 in Reperfusion for Stroke (STARS)” – MRFF Cardiovascular Research Grants (AUSD 2,706,533)

2021 Principal Investigator “Meta-Research and Evidence Synthesis Unit” The George Institute for Global Health seed grant (AUSD 100,000)

2021 Chief Investigator “A randomised trial of the effects of SGLT2 inhibition versus metformin on decline in renal function when used as first line therapy in type 2 diabetes” – Clinical Trials and Cohort Studies Grants (AUSD 3,800,000)

2021 Chief Investigator “A randomised controlled trial to test if a novel remotely supervised program (PAD-medical) improves delivery of key secondary prevention treatments, risk factor control and health-related quality of life of people with peripheral artery disease” – the Heart Foundation - 2020 Secondary Prevention Strategic Grant

(AUSD 1,000,000)

2020 Chief Investigator of the tender for the second National Eye Health Survey – NEHS2 CN3694853 AusTender Commonwealth Department of Health (AUSD 3,586,790)

2020 Associate Investigator “Repurposing existing medications to reduce severe acute respiratory distress in patients with COVID-19: the CLARITY trial. University of New South Wales. Australia Medical Research Future Fund (MRFF) Respiratory Medicine Clinical Trials Research on COVID-19 Grant Opportunity research recipients (AUSD 1,406,587)

2017 “The SURvivors' Rehabilitation Evaluation after CANcer (SURECAN)”. Queen Mary University of London (QMUL), Barts Health NHS Trust and King's College London. Programme Grant for Applied Research funded by NIHR – National Institute for Health Research (Co-Applicant: £ 2,500,000).

2017 “A tailored, cognitive behavioural approach intervention for mild to moderate anxiety and/or depression in people with chronic obstructive pulmonary disease (COPD): A randomised controlled trial. (TANDEM Tailored intervention for ANxiety and DEpression Management in COPD)”. Queen Mary University of London (QMUL) National Institute for Health Research – Health Technology Assessment Programme (Co-Investigator: £1,677,686)

2016 “Personal experience as a recovery resource in psychosis: Narrative Experiences ONline (NEON) Programme”. Programme Grant for Applied Research funded by NIHR – National Institute for Health Research (Co-Applicant: £ 2,361,934).

2015 “Reactive household-based self-administered treatment against residual malaria transmission: a cluster randomised trial”. Funded by DFID/MRC/Wellcome Trust global health trials (Co-Investigator, Principal Statistician: £1,600,000).

2015 “Sub-Saharan Africa Advanced Training Programme for Leadership and Excellence in Biostatistics”. Funded by Wellcome Trust – DELTAS Africa (Participant, £ 3,341,140)

2011-2013 “Identification of models for estimating costs of occupational diseases with high etiological fraction and cost benefit assessment of prevention of health and safety in high risk companies”. 3-year Project funded by Inail - Italian Workers Compensation Authority and the Italian Ministry of Health (Co-Applicant).

2012 “Observational study of physicians’ adherence to the Guidelines of Regione Lazio of the correct use of Angiotensin Receptor Blockers and Angiotensin Converting Enzyme Inhibitors in the province of Latina”. 1-year Sapienza University Project (Co-Applicant).

2011 “Methods for screening of Coeliac Disease: cost effectiveness analysis”. 1-year Project funded by Sapienza University of Rome, Italy (Principal Investigator).

2010-2012 “The taste in developmental age and correlation with olfactory problems”. 2-year University Project of National Interest (PRIN), Italy (Co-Applicant).

2010-2011 “Systematic review of economic evaluation on the use of PET-CT for cancer staging”. 1-year Project funded by the Ministerial Committee on Medical Devices (CUD) - Italian Agency for Health Services Research (Co-Investigator).

2009-2010 “Statistical monitoring of congenital malformations using the data from the International Clearinghouse for Birth Defects”. 2-year Project: Ricerche di Ateneo Federato di Scienze delle Politiche Pubbliche e Sanitarie – SPPS, Italy (Principal Investigator).

2009-2010 “Cost Effectiveness Analysis of Total Hip Replacement in 4 Italian regions”. 2-year Project funded by the Italian Ministry of Health and Agenas – Italian Agency for Health Services Research (Co-Investigator).

2008 Marie Curie Fellowship in “Cardiovascular Epidemiology and Epidemiological Modelling” for the EU Marie Curie Training Programme

2008 “The role of socio-economic inequalities on the inter-regional mobility and outcomes of cancer: evaluation using the data from the cancer registry of the province of Latina”. 1-year Project: Ricerche di Ateneo Federato (Co-Applicant), Italy.

2008 “Health Indicators for the territory and hospital activity: linkage methods between the Hospital Episode Statistics database and the registry of death certificates”. 1-year Project: Ricerche di Ateneo Federato, Italy (Co-Applicant).

2008-2009 “Cost Effectiveness analysis of Zoledronic Acid for the secondary prevention of fractures”. Commissioned Research Project financed by Novartis Italy.

2008-2009 “Health Economic evaluation of the hip prosthesis using the Emilia-Romagna Regional Registry on Orthopaedic Prosthesis”. 2-year Project funded by the Emilia Romagna Region, Italy (Co-Investigator).

2007 “Preterm labor and perinatal brain damage versus induction of fetal and neonatal pulmonary maturity”. 1-year Project funded by Sapienza University of Rome, Italy (Co-Applicant).

2007 “Cost effectiveness analysis of the total hip replacement”. 1-year Project funded by Sapienza University of Rome, Italy (Principal Investigator).

2005-2006 “Diagnostic Impact of the Multislice Computed Tomography (16-slice and higher) in coronary artery disease”. 2-year Project funded by the Emilia Romagna Region, Ricerca finalizzata 2005/PRIER I, Italy (Co-Investigator).

2003-2004 “Retrospective case-control study on Gastroschisis”. 2-year Project funded by ISS – Italian Superior Institute of Health (Co-Investigator).

2002-2003 “2nd World Atlas of Birth Defects”. 2-year Cooperative Agreement between the International Centre for Birth Defects and the Birth Defects and Genetic Diseases Branch, Division of Birth Defects and Developmental Disabilities, National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, United States of America (Principal Investigator).

2002 “Folic Acid use among women in Tuscany” for the Project “Rare Diseases” commissioned by the Istituto Superiore di Sanita’ (Italy)

2001 “Satisfaction and evaluation of health web sites” Commissioned Research Project financed by the “LUISS” University of Rome and CeRSI “Research Centre for Information Systems”.

1998 European Erasmus Student Grant at the Faculty of Social Sciences University of Southampton (UK), II semester. Exams passed: Population Processes In The Developed World, Population Projections, Multivariate Data Analysis and Epidemiological Methods (course of the Ph.D. in Epidemiology).

Other Appointments obtained

From June 2015 – Visiting Professor at the Sport Business Centre, School of Business, Economics and Informatics, Birkbeck University.

June 2010 – July 2012: Scientific Advisor (Systematic reviews, Meta analysis, Statistical analysis, Health Economic modelling, Exploratory and strategic modeling and clinical trial design advice, HTA consultation, Reimbursement strategy) for the MORSE (Modelling, Outcome Research, Statistics and Epidemiology) Group at F. Hoffmann – La Roche Ltd., Basel, Switzerland.

January 2010 – April 2012: Freelance Epidemiologist/Statistician at the Department of Primary Care, University of Oxford, UK. Involved in the Cochrane Review “New treatments compared to established treatments in randomized trials”.

November 2009 – April 2010: Freelance Senior Statistician at the Medicine and Health Care Products Regulatory Agency (London, UK) - MHRA working for the GPRD - General Practice Research Database.

July 2008 – December 2010: Consultant at the National Agency for Health Services Research for the development of national guidelines, systematic reviews/meta analysis and critical appraisal of the literature and support the Health Technology Assessment Unit – RIHTA Italian Network for the development of systematic evaluation of technologies.

Conference presentations, abstracts and reports

“Living Systematic Reviews and Prospective Meta Analysis: a call-of-duty for Bayesian analysis”. (Oral presentation at Engaging Evidence 2021. Cochrane Australia and New Zealand conference)

“Handling Missing Data in Health Economics and Outcome Research – State of the Art Guidance and good practices”. (Forum session by the ISPOR Statistical Methods in HEOR Special Interest Group – Virtual ISPOR 2021)

GL Di Tanna, T Lung, L Si, R Hooper. PMU56 Health Economic Evaluation Alongside Stepped Wedge Trials: A Methodological Systematic Review and Recommendations of Appropriate Modelling Approaches [Published Abstract]. Value in Health 2021 Jun 1;24:S154 (Virtual ISPOR 2021)

“Anchoring effect” in Random Effects Meta Analysis: a cautionary tale. Di Tanna GL, Salam A, Campain A, Rodgers A. (Oral presentation at ACTA, Sydney 2019)

Statistical methods for economic evaluations alongside Stepped Wedge Trials. Lung T, Di Tanna GL. (Moderated Poster at ACTA, Sydney 2019)

Modeling cardiovascular event reduction through low-density lipoprotein reduction in cost-effectiveness analyses: a meta regression approach. Di Tanna GL, Villa G. (EU-ISPOR, Barcelona 2018)

Modeling multiple cardiovascular event history using nested partitioned survival models. Villa G, Haines P, Di Tanna GL. (EU-ISPOR, Barcelona 2018)

Modeling migraine day frequency by responder status: a re-analysis of data from Erenumab clinical trials. Porter JK, Burns D, Di Tanna GL, Lipton RB, Palmer S, Sapra S, Villa G. (EU-ISPOR, Barcelona 2018)

Productivity losses among patients with migraine: An analysis of erenumab clinical trial data. Porter JK, Di Tanna GL, Lipton RB, Sapra S, Villa, G. Value in Health, Vol. 21, S13, May 2018. (US-ISPOR, Baltimore 2018, podium presentation)

Estimating patient utility in migraine: Longitudinal analysis of erenumab clinical trial data. Di Tanna GL, Porter JK, Lipton RB, Hatswell A, Sapra S, Villa G. Value in Health, Vol. 21, S225, May 2018. (US-ISPOR, Baltimore 2018)

Modeling the reduction in the clinical burden of migraine with erenumab treatment. Porter JK, Di Tanna GL, Lipton RB, Brennan A, Palmer S, Sapra S, Villa G. Value in Health, Vol. 21, S206, May 2018. (US-ISPOR, Baltimore 2018)

Parametric Modelling of Migraine Day Frequency In Migraine Prevention: A Case Study Of Erenumab Clinical Trial Data. JK Porter, GL Di Tanna, G Villa, A Brennan, S Palmer, RB Lipton, JP Jansen, N Shah, et al. Value in Health, Vol. 20, Issue 9, A733. (EU-ISPOR, Glasgow 2017)

Novel Biologics Versus Conventional Preventive Therapies In Migraine: A Framework for Economic Evaluation. RB Lipton, A Brennan, S Palmer, JP Jansen, AJ Hatswell, JK Porter, GL Di Tanna, G Villa, et al. *Value in Health*, Vol. 20, Issue 9, A732. (EU-ISPOR, Glasgow 2017)

Economic evaluation alongside stepped wedge trials: a systematic review and a proposal of analysis. Di Tanna GL, Berdunov V, Hooper R. *Trials* 2017, 18(Suppl 1): 200, O64. (Podium presentation at the 4th International Clinical Trials Methodology Conference (ICTMC) and the 38th Annual Meeting of the Society for Clinical Trials, Liverpool, May 2017)

Evaluating the support stroke survivors get with daily medication taking in the community: interim results of a primary care survey. Jamison J, Di Tanna GL, Mant J, Sutton S, De Simoni A. Abstracts book of the Society for Academic Primary Care, Warwick, 2017.

Spatial-temporal dynamics in heterogeneity of malaria infection in a setting with seasonal transmission: a longitudinal study in The Gambia. Mwesigwa J, Achan J, Jawara M, Di Tanna GL, Worwui A, Affara M, Geertruyden JP, D'Alessandro U. *BMJ Global Health* 2(Suppl 2) February 2017:A26.2-A26.

A flexible modelling of the time trend for the analysis of stepped wedge trials: results of a simulation study. Di Tanna GL, Gasparri A. *Trials* 2016 17(Suppl 1):311. (Podium presentation at the 1st International Conference on Stepped Wedge Trial Design, University of York, 10 March 2016)

Software for spatial analysis and visualisation of cluster randomised trials - a review of available tools Jarvis C, Di Tanna GL, Alexander N, Anaya-Izquierdo K, Carpenter J. *Trials* 2015, 16(Suppl 2): P34.

Accounting for the imperfect external validity of discrete choice experiments when predicting demand. Quaipe M, Terris-Prestholt F, Di Tanna GL, Vickerman P. *Value in Health*, Vol. 19, Issue 7, A374. (EU-ISPOR, Wien 2016)

Warnings on the inclusion of Cluster Randomized Trials in systematic reviews and individual patient data meta analysis: a simulation study. Di Tanna GL, Vestri AR. VIII meeting of the Italian Society of Medical Statistics and Clinical Epidemiology, Turin 16-19/9/2015

Production, efficiency and corruption in Italian Serie A: a DEA analysis. Rossi GB, Di Tanna GL, Addesa F. 27th European Conference on Operational Research, Glasgow 12-15/7/2015.

The effect of automated nucleic acid amplification assays on mortality in routine care settings: meta-analysis of individual participant data. Khaki AR, Di Tanna GL, Fielding K, Theron G, Nicol M, Dheda K, Churchyard G, and Metcalfe J. 6th Union World Conference on Lung Health, South Africa 2015.

A countrywide cross-sectional survey of the prevalence of asymptomatic plasmodium falciparum infection in The Gambia. Mwesigwa J, Okebe J, Affara M, Di Tanna GL, Nwakanma D, Janha O, Ngwa AA, D'Alessandro U. *ASTMH* 2014, 63rd Annual Meeting of the American Society of Tropical Medicine and Hygiene, New Orleans, November 2014.

A prospective, systematic literature review and meta-analyses to evaluate cerebrospinal fluid (CSF) phosphorylated tau (P-TAU) and total tau (T-TAU) as biomarkers of Alzheimer's disease progression. Liu E, Ashaye A, Travers K, Strand L, Olsson K, Di Tanna GL, Booth K, Styren S, Brashear HR, Streffer JR. *AAIC Conference, Alzheimer and Dementia*, July 2014 Volume 10, Issue 4, Supplement, Page P353.

A prospective, systematic literature review and meta-analyses to evaluate brain amyloid by positron emission tomography (PET) imaging as biomarker of Alzheimer's disease progression. Liu E, Ashaye A, Travers K, Strand L, Di Tanna GL, Wyman BT, Booth K, Styren S, Brashear HR, Margolin R, Schmidt M. *AAIC Conference, Alzheimer and Dementia*, July 2014 Volume 10, Issue 4, Supplement, Page P353.

Modeling the Long-Term Persistence of Hepatitis A Antibody after a Two-Dose Vaccination Schedule in Argentinean Children. López EL, Contrini MM, Mistchenko A, Kieffer A, Baggaley R, Di Tanna GL, Desai K,

Rasuli A, Armoni J. IAAC 2014, 54th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, September 2014.

What Factors Predict the Decision to Treat Acute Coronary Syndrome Invasively? Evidence from Clinical Practice. Fakhouri WFH, Belger M, Larkin L, McCollam PL, Rennie KL, Donaldson R, Di Tanna GL, Neasham D. ISPOR 16th European Congress - New European Policies & Patients Stimulate Change, Dublin, November 2013.

Improvement of SF-36 scores in cervical dystonia patients-is there a treatment effect when evaluating subscales? Jen M.-H. Kurth H. Iheanacho I. Karlsdotter K. Di Tanna GL Dinot J. Gabriel S. Wasiak R. Journal of Neural Transmission (2013) 120:7 (1145) in Abstracts of the Second International Congress on Treatment of Dystonia together with the First International Congress on Rehabilitation of Dystonia May 8–11, 2013 Hannover, Germany.

Diabetic Kidney Disease (DKD) in UK Patients with Type 2 Diabetes (T2D). Cid Ruzafa J, Paczkowski R, Boye KS, Di Tanna GL, Sheetz M, Donaldson R, Breyer MD, Neasham D, Voelker J. American Diabetes Assn. Annual Scientific Session. June 21–25, 2013 Chicago, IL, USA.

Validation of a food frequency questionnaire for the assessment of calcium intake in schoolchildren aged 9-10 years. Pampaloni B, Bartolini E, Piscitelli P, DiTanna GL, Giolli L, Brandi ML. International Symposium of Nutritional Aspects of Osteoporosis (ISNAO) 2012.

Analisi di costo efficacia degli impianti di total hip replacement per tipologia di fissazione di protesi (Cost-effectiveness analysis of total hip replacement by type of fixation). Di Tanna GL, Farcomeni A et al;
Esposizione ad amianto in Italia: analisi di trend della mortalità per mesotelioma pleurico 1974-2006 (Exposition to asbestos in Italy: mesothelioma mortality time trend analysis 1974-2006). Gatto MP, Di Tanna GL, et al;
Capture-recapture models with flexible behavioural responses, with application to estimation of prevalence of drug users in Italy. Farcomeni A, Di Tanna GL, et al;
Andamento temporale del contenuto di tetraidrocannabinolo (THC) nella cannabis: revisione sistematica della letteratura (Time trend analysis of the content of tetrahydrocannabinol in cannabis: a systematic review). Cascini F, Di Tanna GL;
Acts of the VI meeting of the Italian Society of Medical Statistics and Clinical Epidemiology, Ancona, 28/9-1/10/2011.

Assessing the methods for systematic reviews of economic evaluations. Paone S, Di Tanna GL, et al. ISPOR 14th Annual European Congress, 5-8 November 2011. Value in Health; 2011, 14(7):A423

Systematic review of economic evaluation on the use of PET-CT for cancer staging. Paone S, Ferroni E, Di Tanna GL, Corio M, Chiarolla E, Jefferson T, Cerbo M. Rome: Agenzia nazionale per i servizi sanitari regionali. 2011.

BPCO national guidelines for prevention and therapy. National Agency for Regional Health Services. Rome, 2010.

Second preliminary neoplasia: risk of thyroid and breast cancer. A preliminary study. Antonaci A, Consorti F, Di Tanna GL, Milazzo F. Giornale di Chirurgia; 2010, 31(6/7):351

Health economic model for the treatment of osteoporosis in five Italian regions. Baio G, Di Tanna GL, Integlia D, Pammolli F. ISPOR 12th Annual European Congress, Paris October 2009. Value in Health, 2009; 12:7: A441.

A study on serum calcium and phosphate in dialysis patients via a mixed effects latent markov model with two outcomes. Farcomeni A, Di Tanna GL, Vestri AR, Viviani S;
Integrated approach to uncertainty in cost effectiveness modelling: an application on osteoporosis treatment in fractures' secondary prevention. Baio G, Di Tanna GL;
Monitoring CABG in-hospital mortality in Emilia Romagna: does reducing cardiac surgery case load make outcome worse? (developments from Monreale 2007). Di Tanna GL, Fortuna D, Farcomeni A, Viviani S, Vestri AR, Grilli R;
Disability Adjusted Life Years – DALYs use in Stroke assessment: a systematic review. Rondinone BM, Di Tanna GL;

Validation of two disease specific quality of life questionnaires comparing partial credit model and a latent class model. Viviani S, Farcomeni A, Di Tanna GL, Vestri AR;
Acts of the V Meeting of Italian Society of Medical Statistics and Clinical Epidemiology, Pavia, 16-19 Sep 2009.

Cost-effectiveness analysis in multivessel percutaneous coronary interventions: comparison of drug-eluting stents, bare-metal stents and a mixed approach in patients at high and low risk of target vessel revascularization. Varani E, Guastaroba P, Di Tanna GL et al.;

Treatments of Osteoporosis for the secondary prevention of fractures in 5 Italian regions: cost-effectiveness analysis. Di Tanna GL, Baio G, Integlia D, Pammolli F;

Innovative drugs and entry barriers: the case of zoledronic acid for the secondary prevention of fractures. Integlia D, Di Tanna GL, Baio G, Pammolli F;

The use of DALYs in economic evaluations: a systematic review. Rondinone BM, Di Tanna GL.

Acts of the II Italian Society of Health Technology Assessment Annual Meeting. Rome, June 2009.

In Lombardia the adoption of zoledronic could be cost effective when compared to other bisfosfonate in the treatment of postmenopausal osteoporosis. Olivieri FM, Baio G, Di Tanna GL, Integlia D, Pammolli F;

In Emilia Romagna the adoption of zoledronic acid to treat postmenopausal osteoporosis could be cost effective when compared to other bisfosfonates. Malavolta N, Baio G, Di Tanna GL, Integlia D, Pammolli F;

In Campania zoledronic acid is cost effective when compared to both alendronate and risedronate and this choice shows a small uncertainty range. Iolascon G, Baio G, Di Tanna GL, Integlia D, Pammolli F;

In Sicilia zoledronic acid is cost effective when compared to both alendronate and risedronate and this choice shows a small uncertainty range. D'Avola G, Barbagallo M, Baio G, Di Tanna GL, Integlia D, Pammolli F.

Clinical Cases in Mineral and Bone Metabolism 2008, 5(3): 409, 410, 421, 422. Italian Society of Osteoporosis, Mineral Metabolism and Skeletal Diseases, Perugia, November 2008.

Treatments of Osteoporosis for the secondary prevention of fractures in 5 Italian regions: cost-effectiveness analysis. Baio G, Di Tanna GL;

The SiPrEMAS working group: Evidence Synthesis and modelling in health care evaluations. Di Tanna GL, Baio
Acts of the XXXII Italian Association of Epidemiology Annual Meeting, Milan 2008.

2-year clinical outcomes in multivessel PCI from REAL registry: comparison of Bare-Metal stents, Drug-Eluting stents and mixed approach. Varani E, Guastaroba P, Di Tanna GL, Saia F, Balducelli M, Santarelli A, Tarantino F, Tondi S, Campo G, Piovaccari G, Manari A, Marzocchi A. Italian Journal of Invasive Cardiology, Suppl. 3, Jul-Sep 2008, 54. XXIX Italian Society of Invasive Cardiology National Meeting, Bologna 2008.

Cost effectiveness of drug eluting stents vs coronary artery bypass graft in Emilia Romagna: A 24-month analysis. Di Tanna GL, Guastaroba P, Fortuna D, Fiorini M, Grilli R; V Annual Meeting HTAi, Montreal 2008.

Multislice computed tomography in the assessment of coronary artery disease. A systematic review and appropriateness criteria. Dossier 162/2008 of the Emilia Romagna Health Care Agency. (http://asr.regione.emilia-romagna.it/wcm/asr/collana_dossier/doss162.htm)

Costo-efficacia degli stent medicati vs bypass in Emilia Romagna (Cost Effectiveness of PCI vs CABG in Emilia Romagna). Di Tanna GL, Guastaroba P, Fortuna D, Fiorini M;

Il Gruppo di Lavoro SiPrEMAS: Sintesi delle Prove di Efficacia e Modellistica per l'Analisi decisionale in Sanità (The SiPrEMAS working group: Evidence Synthesis and modelling in health care evaluations). Di Tanna GL, Baio G

La modellistica per l'analisi delle decisioni in HTA: strutture a confronto, con una nuova proposta (Modelling in HTA: a review of structures, with a new proposal). Farcomeni A, Di Tanna GL, Vestri AR;

TAC multistrato cardiaca: letteratura e orientamenti della ricerca. (Multi Slice CT: a review of the literature). Stivanello E, Berti E, Di Tanna GL, Camerlingo M, Grilli R;

Revisione sistematica degli studi di costo-efficacia degli interventi di artroprotesi d'anca (Systematic review of the economic evaluations of total hip replacement). Ferro S, Di Tanna GL, Zanoli G, Romanini E, Morciano C, Manno V, Torre M

All presented as oral communications at the I National Meeting "HTA in Italia: Modelli, Strumenti ed Esperienze" of the SIHTA – Società Italiana di Health Technology Assessment (Roma 8-9/2/2008) and included in the Acts.

Monitoring CABG mortality in Emilia Romagna: does reducing cardiac surgery load make outcomes worse? Di Tanna GL, Fortuna D, Grilli R.;

Prognostic factors and re-hospitalizations in patients with congestive heart failure: a comparison of methods for analysing recurrent events. Di Tanna GL, Biffani E, Picchio E, Favilli S, Vestri A.;

Modelling in decision analysis in Health: a statistician affair?" Di Tanna GL.

Acts of the IV Meeting of the Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC), Monreale (PA) 19-22 September 2007.

The value of scientific literature on MultiSlice Computed Tomography in the diagnosis of coronary artery disease: systematic review and meta-analysis. Di Tanna GL, Berti E, Stivanello E, Cademartiri F, Achenbach S, Camerlingo MD, Grilli R;

Modelling the cost effectiveness of cementless and hybrid prosthesis in total hip replacement. Di Tanna GL, Bordini B, Silipo F, Stea S, Grilli R, Pirini G, Ferro S.

Non invasive cardiac MultiSlice Computed Tomography: a reliable gatekeeper for conventional Angiography. Berti E, Di Tanna GL, Stivanello E, Guastaroba P, Marzaroli P, Mall S, Grilli R. Abstract book of the IV Annual Meeting Health Technology Assessment International, Barcelona 17-20/6/2007.

Meta-Analisi della letteratura sulla angiografia coronarica mediante TC multistrato: abbiamo dati sufficienti per parlare di una nuove metodica diagnostica? (Meta analysis of diagnostic accuracy of Multislice Computed Tomography: do we have enough information to say it is a new diagnostic device?) Cademartiri F, Di Tanna GL, Berti E, Camerlingo M, Grilli R. Acts of the IVII Meeting of the Italian Society of Medical Radiology - SIRM, Milan, 2006.

Tomografia computerizzata multistrato per la diagnostica della patologia coronarica. Revisione sistematica della letteratura. (Multi Slice Computed Tomography for CAD. Systematic Review) Dossier 121-2006 - Agenzia Sanitaria Regionale Emilia Romagna. Available at:

http://asr.regione.emilia-romagna.it/wcm/asr/collana_dossier/doss121/link/doss121.pdf .

Interventi di bypass coronarico nelle cardiocirurgie italiane: l'imbarazzo della scelta? (CABG procedures in Italy: a difficult choice?) Di Tanna GL, Cisbani L, Grilli R.;

Revisione Sistematica della Tecnologia TC spirale multidetettore a 16 strati (Multislice Computed Tomography: a systematic review) Berti E, Di Tanna GL, Grilli R.

Acts of the III Annual Meeting of the Italian Society of Medical Statistics and Epidemiology SISMEC – Ipotesi, dati, evidenze, Abano Terme (PD), 29/9-1/10/2005.

Modellizzazione del costo efficacia dello screening per l'individuazione della mobilizzazione asettica a seguito di intervento di artroprotesi d'anca (Modelling the cost effectiveness for the screening of aseptic loosening after total hip replacement) Di Tanna GL, Girling A;

Analisi costo efficacia degli interventi di artroprotesi d'anca. Risultati preliminari (Cost effectiveness analysis of the total hip replacement: preliminary results) Di Tanna GL et al.

Acts of the XXIX Annual Meeting of the Italian Association of Epidemiology - AIE, Pisa, 7-9/9/2005.

A value model for the screening of total hip replacements to detect aseptic loosening. Girling A, Di Tanna GL, Buxton M. Multidisciplinary Assessment of Technology Centre for Health Report (MATCH programme).

Reconciling contradictory evidence – a case study of thromboprophylaxis in total hip replacement. Burls A, Empananza J, Jowett S, Seil E, Di Tanna GL. Italian Journal of Public Health (3:2,2, 254), Annual Meeting "Bringing HTA into practice", Rome, June 2005.

World Atlas of Birth Defects 2nd edition – Human Genetics Programme Management of Noncommunicable Diseases, World Health Organization Geneva, 2002 ISBN 92 4 158029 1.

Future patterns of Italian fertility: evaluation by multistate models – Tendenze della fecondità italiana: valutazione tramite modelli multistato. Di Tanna GL, Giorgi P – Acts of the XLI Meeting of the Italian Society of Statistics – June 2002, 331-334.

Epidemiology of Down Syndrome in the Third Millennium. Mastroiacovo P, Diociaiuti L, Rosano A, Di Tanna GL – II European Down Syndrome Association EDSA European Conference. San Marino, 11 Maggio 2002.

Time trends of Gastroschisis in 29 registries of Congenital Anomalies Worldwide. Di Tanna GL, Rosano A, Mastroiacovo P (2001). Reproductive Toxicology (2001) 15 (6) 723-728. Abstracts of the XXVIII Annual Meeting of the International Clearinghouse for Birth Defects Monitoring Systems.

Time trends of Gastroschisis in 29 registries of congenital anomalies worldwide. Di Tanna GL et al. - Acts of the meeting “La salute tra informazione e prova scientifica – SISMEC’01”, Napoli 2001.

International Clearinghouse for Birth Defects Monitoring Systems: Annual Report 1999, 2000, 2001 e 2002 (with data for 1997, 1998, 1999, 2000); published by the International Centre for Birth Defects (1999, 2000, 2001, 2002) and, in the last AR,

“Surveillance on Malformation and Drug Exposure (MADRE) 2000” Robert E, Di Tanna GL

“Prenatal Diagnosis and Down Syndrome, 2000” Cocchi G, Di Tanna GL

“Multiple Congenital Anomalies, 2000” Botto L, Rittler M, Di Tanna GL, Atkinson M.

Teaching experiences

Courses:

The George Institute for Global Health & University of New South Wales, Australia

- “R” you still using SAS/SPSS/Stata? An introduction to the R software – 16-hour short course
- Systematic Reviews and Meta Analysis with R – short course

Queen Mary University of London, UK

- Epidemiology and Statistics - MSc/BSc “Global Health” [Module Leader]
- Practical Guide to Cluster Randomized Trials – short course

London School of Hygiene and Tropical Medicine, UK

- STEPH (Statistics for Epidemiology and Public Health) course (MSc & PhD) [Module Co-Organizer]
- ASME (Advanced Statistical Methods in Epidemiology) course (MSc & PhD)
- ICEMS (Introductory Course in Epidemiology and Medical Statistics) – short course
- ACEA (Advanced Course in Epidemiological Analysis) – short course
- Systematic Reviews and Meta Analysis – short course

Sapienza University of Rome, Italy

- Introduction to BioMedical Statistics and Data Science – BSc in BioInformatics [Course Co-Leader]
- Methods of Health Technology Assessment, MSc in Pharmaceutical Market Access (MAF)
- “Medical Statistics and Epidemiology”. Degree in Medicine (CCLM “C”), I Faculty of Pharmacy and Medicine, [Year 2, Semester 2; Year 3, Semester 1 & 2] [Course Leader]
- “Medical Statistics and Epidemiology”. International Degree in Medicine (CCLM “F”), I Faculty of Pharmacy and Medicine [Year 1, Semester 1] [Course Leader]
- “Statistics for experimental and technological research”. Degree in Nursing Science (CLM “B”) [Year 1, Semester 2]
- “Epidemiology and Prevention in Health Services” (and lecturer of the module in Medical Statistics). Degree in Diagnostic Health Professionals, Faculty of Medicine (Latina) [Course Coordinator].
- “Medical Statistics”. Specialistic Degrees in several disciplines (orthodontics, rheumatology, anesthesia, radiology)
- “Evaluation of health services”. PhD/MPhil in Medical Statistics
- “Methods of measure of health”. PhD/MPhil in Medical Statistics

University of Modena & Reggio Emilia, Italy (Contract from March 2007)

- “Linear and Logistic Regression”. Post Graduate Course in “Applied Statistics”.

Karolinska Institutet, Sweden (Contract from January 2010)

- “Biostatistics II: Logistic Regression for Epidemiologists” PhD Program in Epidemiology, Dep. of Medical Epidemiology and Biostatistics

Seminars, short courses and workshops:

August 2023: “Evidence Synthesis: Making sense of the evidence to inform programmes, policies, and practice”: 3-day short course at the SSPH+ Summer School in Public Health Policy, Economics, and Management. Lugano, Switzerland.

“Economic Evaluations in Health Research and Modelling for Decision Analysis” 1 day short course at Masters and Post-graduate courses in several institutions.

December 2019: Department of Statistics and Quantitative Methods, Università degli Studi di Milano Bicocca, Seminar Series in BioStatistics ”A brief walk-through on Evidence Synthesis: some neglected insights and meta-warnings”

August 2019: APBG - Australian Pharmaceutical Biostatistics Group, Statistics Seminar: “Some insights on state of the art of evidence synthesis”

May 2019: UNSW – BioStatistics Seminar: “Some traveller’s notes from the Evidence Synthesis / Meta Analysis planet”

June 2018: UWA – University of Western Australia. Invited talk: “Statistics vs Data Science: A way out of the conundrum?”.

June 2016: Lecturer of the 1-day course “Multiple Imputation using Stata”, BioStatEpi: Summer School on Modern Methods in Biostatistics and Epidemiology (Italy).

October 2015: Selected Presentation at the Royal Statistical Society - Medical Section on Current developments in cluster randomised trials and stepped wedge designs “Is the inclusion of cluster randomized trials (CRT) in individual patient data meta analysis a good idea? A simulation study”.

From 2011: Lecturer of the Summer School in “Biostatistics and Epidemiology for Clinical Trials” at the ISBEM - Euro Mediterranean Scientific and Biomedical Institute (Italy).

December 2011: Lecturer of the winter school in “Systematic reviews, meta analysis and study designs”. Organized by the Department of Internal Medicine, University of Florence and OrtoMed, Italian Society of Orthopaedics and Medicine. Event Repeated at the IOS and University Federico II, Naples in February 2016.

June 2011: Lecturer of the 3-day course “HTA Methodology and operational aspects of the high technology evaluation”, Special School in Physics and Medicine “P. Caldirola”, Gazzada (Italy).

March 2011: Lecturer of the course “Introduction in Multilevel Modelling using Stata”, Stata Courses.

November 2010: Lecturer of the 5-day course “Introduction in Biostatistics”, National School in Psychiatry and Oncology, Karolinska Institute, Stockholm, Sweden.

October 2010: Short course “Introduction to Bayesian Analysis”. XXV Summer school in “Methodological Statistics for applied and biological research”. Italian Society of Biometry, Marina di Massa.

September 2010: Invited speaker at the workshop “Innovazione tecnologica in Ortopedia: quale valore per i pazienti, i clinici e la società?” organized by the European Health Technology Institute for Socioeconomic Research

(EHTI). Talk: Methodological issues of economic evaluation of total hip replacement: the example of Emilia Romagna region.

June-September 2010: Invited speaker at the workshop “The treatment of Severe Osteoporosis in Tuscany region”. Talk “Pharmaeconomic approach to the management of osteoporosis”. Florence, Siena & Pisa.

May 2010: Lecture “Exploring uncertainty in economic evaluation analysis: making models probabilistic”. Master MIHMEP - International Health Care Management, Economics and Policy, Bocconi University, Milan.

December 2010: Course “Biostatistics in clinical research: Meta Analysis”, Fatebenefratelli Hospital, Rome.

October 2009: Tutoring at the Course “Modern Methods in Epidemiology and Biostatistics: Regression Analysis” (Lecturer: Stanley Lemeshow). Catholic University of Sacred Heart, Rome.

October 2009: Course “Medical Statistics: what numbers reveal and don’t reveal”. Citizens’ Accademia. Partecipa Salute Project, Tuscany Region, Mario Negri Institute, Milan.

16 September 2009: Scientific Coordinator of the workshop “Health Technology Assessment”. 1-day Satellite Workshop of the V bi-annual Meeting of the Italian Society of Medical Statistics and Clinical Epidemiology, Pavia.

February 2009, January 2010: Seminar “Is medicine really evidence based?”. University of Roehampton, London and Karolinska Institutet, Stockholm.

September 2008: Course “Modern Advanced Methods in Biostatistics: Introduction to Bayesian Modelling using WinBUGS” University of Milan “Bicocca”.

July 2006: Course “Systematic Reviews and Meta Analysis using RevMan”. Master in Biostatistics, Faculty of Statistical Sciences, University of Bologna.

June 2006: Seminar “The use of Markov Models in the cost effectiveness analysis”, Observatory of Health Economics, Tuscany Health Agency.

June 2006: Course “Clinical Trials”, Master “Infermiere di sanità pubblica e di comunità con indirizzo geriatrico, salute mentale e sanità pubblica”, University of Bologna.

May 2006: Course “Communicate the quality of health services: problems and potentiality”, Master in “Comunicazione Bio-Sanitaria”, Faculty of Mathematics, University of Pisa.

April 2006 – September 2006: Course “Epidemiology”. Corso di Laurea Specialistica in Odontoiatria e protesi dentaria, Faculty of Medicine, Università “La Sapienza”, Roma.

April 2006: Seminar “League Tables. A simplistic answer to a complex problem: methodological issues in the comparison of hospital’s performances”. Unità di Epidemiologia dei Tumori, Università di Torino, A.O. San Giovanni Battista di Torino.

February 2006: Seminar “Randomized Clinical Trials”, Master “Management nell’area infermieristica, ostetrica e tecnico sanitaria”, Università di Bologna.

June 2002: Course “Elaboration and interpretation of micro-biological data. Statistical Inference”, Pertini Hospital, Rome - Azienda Sanitaria Locale RM/B.

October 2001: Epidemiologist / Statistician Tutor at the “Euro Summer Schools on Risk Assessment for Reproduction” - Advanced Course in Human Reproduction Epidemiology supported by the European Commission.

Postgraduate courses attended

- “Bayesian Causal Inference”, Applied Bayesian Statistics Summer Course, Department of Statistics, Computer Science, Applications, University of Florence, 2023
- “Next steps in applied Bayesian regression modelling”, Physalia Course, 2023
- “Master Expert – Fastlead Plus Leadership Program” HFL Consulting, Australia, January-July 2022
- “An Introduction to Bayesian Modelling using Greta”, Statistical Society Australia, 2021.
- “Computational Bayesian Methods using BRMS”, Physalia Course, 2021.
- “Bayesian Meta Analysis”, Royal Statistical Society, 2020.
- “Leading without Authority”, Leadership Programme by Michigan Ross – Executive Education, 2020.
- “Bayesian Adaptive Randomised Clinical Trials”, Australia Clinical Trials Alliance, Sydney, 2020
- “Semiparametric Regression with R”, University of Sydney, 2019
- “Fundamentals of Data Science (Technical, Programming with Python)”, University of Southampton, 2018
- “Statistical Learning”, Stanford University, CA, United States, 2016
- “Statistical methods training for statisticians supporting Cochrane Review Groups”, Cochrane Methods Training Event, Birmingham, 2016
- “Data Visualization using R and R-Studio” – University of Essex, Colchester, 2016
- “Good Clinical Practices” – London School of Hygiene and Tropical Medicine, 2015
- “Bayesian sample sizing in clinical trials” – Pre-SISMEC congress course, Turin 2015
- “Cross-over Trials in Clinical Research” – PSI Course, London 2015
- “Multilevel analysis using R” – Institute of Child Health – UCL, London 2014
- “Bayesian Disease Mapping” – University of Edinburgh, 2014
- “Introduction to Geographical Information Systems (GIS) and ArcGIS 10” – London School of Hygiene and Tropical Medicine, London, 2014.
- “Missing data and new methods for multiple imputation of longitudinal electronic health records” – UCL, London, 2013
- “Methods for Addressing Selection Bias in Health Economics Evaluations” – London School of Hygiene and Tropical Medicine, London, 2012.
- “Network Meta Analysis” – University of Modena & Reggio Emilia, Modena, 2012.
- “Competing Risks Survival Analysis” – Stata Course, Bologna, 2010.
- “REASON PARK 2010 – Reasoning under partial knowledge” – Department of Mathematics, Sapienza University of Rome, 2010.
- “Practical use of Multiple Imputation to handle missing data”, MRC Biostatistics Unit, University of Cambridge, 2009.
- “WinBUGS in Health Economic Evaluations”, MRC Biostatistics Unit, University of Cambridge. 2007.
- “Multivariate statistical methods for the analysis of clustered data”, Faculty of Statistics, University of Bologna, 2007.
- “Systematic Reviews of diagnostic tests”, Cochrane Course, Milan, 2006.
- “Bayesian approaches to evidence synthesis and decision modelling in Health care”, Varenna (LC). One-week course organized by CNR-IMATI, University of Pavia and Baystat, 2006.
- “Methodological basis of HTA”, MSc in HTA, University of Birmingham, 2005.
- “Research Methods in Clinical Trials”, University of Birmingham, Clinical Trials Unit, 2005.
- UKCRC – NICE Clinical Trial workshop “The use of Bayesian Analysis in Clinical Trials”, 2005.
- “Statistical Methods for Health Economic Evaluation”, MRC Biostatistics Unit, University of Cambridge, 2005.
- “Bayesian Approaches to Evaluation of Health-Care Interventions”, MRC Biostatistics Unit, University of Cambridge, 2004.
- “Multivel Models in Health” organized by the Faculty of Statistics – Bologna and the Italian Society of Statistics, 2003.
- SAS Institute special courses in “Programming in SAS” and “Report Writing in SAS”, 2002.

- “European Educational Programme in Epidemiology - Residential Summer Course” organized by the International Agency for Research on Cancer and World Health Organization (Final modules: Linear Models, Global environmental change and Health, Social environment and health), July 2000.
- “Statistical Methods in Epidemiology : advanced course” and “Clinical Trials and Analysis of Variance” – ISS - Italian Health Institute, Rome, 1999.

Languages

Italian: Mother tongue.

English: Fluent.

International English Language Testing System (IELTS) obtained in January 2019 and Cambridge Certificate in Advanced English (CAE) obtained in June 2003 (Level C1 in the Council of Europe Common European Framework).

Spanish: Basic knowledge.

Computer Skills / Softwares

Statistical and Epidemiological analysis:

Stata,

R/R-Studio,

SPSS, SAS, StatsDirect, EPI-INFO, S-PLUS, BMDP, NANOSTAT.

Bayesian Analysis, Markov Chain Monte Carlo, Decision Analysis:

WinBUGS/OpenBUGS; BRUGS; Stan, Treeage DataPro;.

Systematic Reviews and referencing softwares:

RevMan 5; EndNote X7.

Sample Size Calculations:

PASS

Geographical softwares: QGIS, ArcGIS, Map-Info, SatScan and Epi-Map.

Other Appointments

- **National Scientific Qualification of Full Professor in Medical Statistics by the MIUR - Italian Ministry of Education, University and Research (from 12 November 2020)**
- **Affiliate with the Riskcenter-IREA, Dept. of Econometrics, Statistics and Applied Economics at the Universitat de Barcelona.**
- **Postgraduate Certificate in Learning and Teaching – London School of Hygiene and Tropical Medicine, Higher Education UK (2016)**
- **Accredited Statistician (AStat) of the Statistical Society of Australia and Chartered Statistician (CStat) of the Royal Statistical Society (UK)**
- **Chair-elect of the Statistical Methods in Health Economics and Outcomes Research Special Interest Group of the ISPOR - The Professional Society for Health Economics and Outcomes Research**
- **Statistical Editor of the Cochrane Breast Cancer Group**
- **Statistical Editor of the CCRG – Cochrane Consumer and Communication Review Group**
- **Statistical Advisor of The Lancet family journals**
- **Member of the Editorial Board of**
 - **PharmacoEconomics**

- **Global and Regional Health Technology Assessment (GRHTA)**
- **BMC – Medical Research Methodology**
- Member of the Cochrane groups in Prognosis Research and Individual Patient Data Meta Analysis
- Statistician of various Independent Data Monitoring and Ethics Committees / Data and Safety Monitoring Boards (National Institute for Health Research – NIHR UK, Italy, Australia)
- Mentor of the Franklin Women Programme (2020)
- International Consulting Partner of NICE – National Institute for Health and Care Excellence, United Kingdom
- Coordinator of the SISMEC (Italian Society of Medical Statistics and Clinical Epidemiology) working group: SiPrEMAS (Evidence Synthesis and Decision Analysis for Health Care Evaluation)
- Expert/Consultant of the AIFA – Italian Medicine Agency
- External examiner on the MSc Psychiatric Research at the King’s College, London (until 2017)
- Awarded as Chartered Scientist (CSci) by the UK Science Council in 2010-2011
- Member of the working group STROBE “Strengthening the Reporting of OBservational studies in Epidemiology” (and author of the Italian version published in *Terapia Evidence Based* 2008)
- Nominated as “Cultore della materia: Statistica Sanitaria” (Expert in Medical Statistics) at the “Sapienza” University of Rome, 2006
- Member of the “Cristo Re” Hospital (Rome, 2009-2011) Ethics Committee for the evaluation of medical trials

Reviewer of scientific journals (as NEJM, JAMA, Nature Digital Medicine, Statistics in Medicine, BMJ Open, Systematic Reviews, Cochrane Lung Cancer, Medical Care, Medical Journal Australia, Value in Health, Pharmacoeconomics, Health Economics, European Heart Journal, Journal of Comparative Effectiveness Research, Frontiers, BMC Medical Research Methodology, BMC Gastroenterology, International Journal of Health Geographics, Journal of the American Academy of Child and Adolescent Psychiatry) and of European and Australian research project grants.

Memberships

- Royal Statistical Society (RSS)
- Statistical Society of Australia (SSA)
- Australian Pharmaceutical BioStatistical Group (APBG)
- Australian Clinical Trials Alliance (ACTA)
- International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
- Statisticians in the Pharmaceutical Industry (PSI)
- Society for Research Synthesis Methodology (SRSM)
- The Cochrane Collaboration

Last Update: 20 October 2023

Gian Luca Di Tanna

