

Curriculum Vitae
October 1, 2023

Jacopo Lenzi

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EDUCATION

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| 2011–2013 | PhD in General Medical and Services Sciences, University of Bologna. Thesis: <i>Evidence-based polytherapies and long-term mortality after acute myocardial infarction in very old subjects compared with elderly and adults: a nested case-control study.</i> |
| 2007–2009 | Master's degree in Statistical Sciences, University of Bologna, cum laude. Thesis: <i>Spatial point pattern analysis of paediatric asthma in the province of Verona.</i> |
| 2004–2007 | Bachelor's degree in Statistics and Social Research, University of Bologna, cum laude. Thesis: <i>A review of statistical methods in twin studies on the heritability of human longevity.</i> |
| 1999–2004 | High school diploma in Classical Studies, Bologna, with 100/100. |

WORK EXPERIENCE

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| 2023–present | Department of Biomedical and Neuromotor Sciences, University of Bologna. Associate professor of Medical Statistics. |
| 2021–2023 | Department of Biomedical and Neuromotor Sciences, University of Bologna. Senior assistant professor (fixed-term). Research project: <i>Measuring and estimating emergency preparedness and health system responses to COVID-19.</i> |
| 2020–2021 | Department of Biomedical and Neuromotor Sciences, University of Bologna. Junior assistant professor (fixed-term). Research project: <i>Assessing the impact of organizational changes in health care.</i> |
| 2020 | Department of Biomedical and Neuromotor Sciences, University of Bologna. Statistical consultant for the project <i>Rischio di potenziali interazioni farmacologiche clinicamente rilevanti: studio su banche dati sanitarie dell'AUSL di Bologna nel 2017.</i> |
| 2019–2022 | Associazione Nascere due volte, Bologna. Statistical consultant and assistant in the preparation of Obstetrics and Gynecology courses. |
| 2018–2019 | Department of Biomedical and Neuromotor Sciences, University of Bologna. Postdoctoral research fellowship entitled <i>Clusters of multi-morbidity and patterns of health care resource use in children with special needs.</i> |
| 2017–2019 | Local Healthcare Authority of Imola. Statistician in charge for Research Agreement 4/2017 <i>Qualità e impatto degli Ospedali di Comunità nell'ambito dell'assistenza rivolta a persone anziane e fragili.</i> |
| 2017–2020 | Local Healthcare Authority of Bologna. Statistician in charge for Research Agreement 74781/2017 <i>Valutazione della qualità e dell'impatto dei Percorsi Diagnostici Terapeutici Assistenziali per la gestione delle patologie croniche degenerative.</i> |
| 2017 | Department of Biomedical and Neuromotor Sciences, University of Bologna. Postdoctoral research fellowship entitled <i>Cohort study of incident cases of diabetes in the Local Health Authority of Bologna:</i> |

	<i>analysis of diagnostic-therapeutic pathways and healthcare utilization.</i>
2016–2017	Local Healthcare Authority of Bologna, Sant’Orsola-Malpighi Polyclinic (Bologna). Statistician in charge for Research Agreement 32/2016 <i>Valutazione della qualità di percorsi assistenziali in ambito cardiovascolare.</i>
2016–2017	Sant’Orsola-Malpighi Polyclinic, Bologna. Study of the usefulness of ultrasound assessment in predicting perinatal outcomes.
2015–2016	Local Healthcare Authority of Bologna. Statistician for Research Agreement 25 September 2015 <i>Analisi delle comorbidità internistiche, dei consumi sanitari e della mortalità nell’ambito della salute mentale adulti.</i>
2015–2016	Istituto per la Sicurezza Sociale (ISS), Republic of San Marino. Statistician in charge for Research Agreement 61/2015 <i>Cure intermedie: supporto alla definizione ed implementazione di nuovi modelli organizzativi per il miglioramento dell’integrazione tra ospedale e territorio.</i>
2014–2016	Department of Biomedical and Neuromotor Sciences, University of Bologna. Postdoctoral research fellowship entitled <i>Drug adherence in multi-morbid chronic patients and its impact on the risk of mortality and adverse events.</i>
2012–2013	Sant’Orsola-Malpighi Polyclinic, Bologna. Data management for the PIRP Project (Prevention of Progressive Renal Insufficiency).
2012–2013	Alma Mater Foundation, University of Bologna. Teaching tutor for the Professional Master in Directive and Management Functions of Health Services.
2009–2010	CINECA, Casalecchio di Reno (BO). Data management for drugs monitoring registers.
2007–2009	Faculty of Statistical Sciences, University of Bologna. Tutoring activities for students.
2007–2008	Emilia-Romagna Region, Bologna. Data analysis for the Regional Observatory of migration.

TEACHING EXPERIENCE

2023–present	School of Medicine and Surgery, University of Bologna. Professor of Medical Statistics, single cycle degree in Medicine and Surgery (Bologna).
February 2023	Habilitation as Full Professor of Medical Statistics (<i>Abilitazione scientifica nazionale</i>).
2022–present	School of Medicine and Surgery, University of Bologna. Professor of Medical Statistics, single cycle degree in Medicine and Surgery (Ravenna).
2022–present	School of Medicine and Surgery, University of Bologna. Professor of Medical Statistics, single cycle degree in Medicine and Surgery (Forlì).
2020–2022	Transferable skills, University of Bologna. Member of the academic group of the course <i>Health Literacy</i> .
2020–present	Advanced School for Health Policy, University of Bologna. Professor of Statistics for Clinical Epidemiology and Health Services Research, Advanced Graduate Level Course in Medical Statistics.
2020–2023	Department of Biomedical and Neuromotor Sciences, University of Bologna. Professor of Population Needs Assessment for Healthcare, Postgraduate School of Hygiene and Preventive Medicine.
2020–present	School of Medicine and Surgery, University of Bologna. Professor of Experimental and Technological Research Statistics, first cycle degree in Dental Hygiene.

2020	Postgraduate School of Hygiene and Preventive Medicine, University of Bologna. Member of the academic group of the winter school <i>Principles of Social Epidemiology and Quali-Quantitative Research</i> .
2019	Advanced School of Public Health and National Institute of Health. Member of the academic group of the summer school <i>FAMOSA - Flussi Amministrativi per il MONitoraggio della SALute e della qualità dell'assistenza sanitaria</i> .
April 2018	Habilitation as Associate Professor of Medical Statistics (<i>Abilitazione scientifica nazionale</i>).
2018–2021	School of Medicine and Surgery, University of Bologna. Professor of Principles of Statistical Methodology in the Dental Research, single cycle degree in Dentistry and Orthodontics.
2017–present	School of Medicine and Surgery, University of Bologna. Professor of Medical Statistics, single cycle degree in Dentistry and Orthodontics.
2017–2020	School of Medicine and Surgery, University of Bologna. Teaching tutor of Medical Statistics and Epidemiology, international single cycle degree in Medicine and Surgery.
—	Thesis Co-Advisor for undergraduates in Medicine and Surgery, Dentistry and Orthodontics, and in Dental Hygiene. Thesis assistance for residents in Hygiene and Preventive Medicine, Obstetrics and Gynecology, Pediatrics, and Anesthesiology. Tutoring to residents in Hygiene and Preventive Medicine.

RESEARCH INTERESTS

Statistical methods applied to comparative effectiveness and outcomes research.

Healthcare quality indicators for the management of patients with cardiovascular diseases, chronic kidney disease, chronic obstructive pulmonary disease and mental disorders.

Influence of organizational determinants and health inequalities on processes of care and outcomes.

Identification of multimorbidity clusters in relation to health care resource use patterns.

Uses and effects of secondary prevention medications in chronic patients.

Issues and challenges in using health administrative records for monitoring and evaluating healthcare services.

RESEARCH EXPERIENCE

Participation in national and international research projects, including: Long-term survival and surgical treatment of lung cancer in Europe (LUCAEUROPE); Global Burden of Disease (GBD) Collaborator Network; Observatory on Vaccine Hesitancy in Italy – Online UniBo Surveys (OBVIOUS); Integrated molecular analysis of endometrial carcinoma: translation of biomarker profiles into the clinical practice (AIRC MFAG 2021); Republic of San Marino Observatory for COVID vaccination Campaign monitoring Adverse events (ROCCA); Hepatocarcinoma Recurrence on the Liver Study Group (HERCOLES Project); COVID in South American children-study group (DOMINGO); Developing Health System Performance Assessment in Croatia (European Commission's HSPA Project); Mixed methods systematic review and meta-analysis on the accuracy of diagnostic tools to identify frailty in emergency departments (in collaboration with the Mercy University Hospital in Cork, IE); Developing Health System Performance Assessment for Slovenia and Latvia (European Commission's HSPA Project); Epigenetic analysis of oral squamous cell carcinoma in humans and cats (ALMA IDEA 2017); Integrated health care pathways for children with special health care needs (SpeNK); Feasibility and effectiveness of a multi-element psychosocial intervention for first-episode psychosis (GET UP-PIANO Trial); Mechanisms of onset of allergy from early childhood to young adulthood (VII Framework Programme MeDALL).

Principal Investigator of a research project grant funded by the *Fondazione del Monte di Bologna*

e Ravenna (Bando ricerca scientifica 2021). Project title: *La sfida del Diabete di tipo 2: mappatura dei bisogni e dei fattori di rischio sociosanitari, interventi di patient engagement e coinvolgimento delle istituzioni locali nella co-progettazione di politiche mirate al contrasto delle disuguaglianze nel Comune di Ravenna*. Period of grant award: 09/2022 – 08/2023.

Project Lead of Task 4.1 (“Integrating datasets on healthcare consumption, organizational settings and economic incentives for health promotion and prevention programs”) for Challenge 10 of Enlarged Partnership 8 – Age-It (“A novel public-private alliance to generate socioeconomic, biomedical and technological solutions for an inclusive Italian ageing society”) for the period 2023–2025. Project Lead for the following research agreements for the period 2022–2023: *La valutazione della performance delle organizzazioni sanitarie. Costruzione, validazione e implementazione di indicatori di processo ed esito* (Laboratorio Management e Sanità, Scuola Superiore Sant’Anna, Pisa); The effects of gestational diabetes mellitus on women’s mental health (King’s College London, GB). Visiting Postdoctoral Scholar at Stanford University in the Center for Primary Care and Outcomes Research (PCOR) for the period April to July 2017. Title of the research project: Multimorbidity clusters in pediatric patients: an alternative approach to identify interrelations between children’s chronic conditions and map health care resource use patterns.

Scientific referee for the following journals: *Journal of Epidemiology & Community Health, PLOS ONE, BMC Health Services Research, BMJ Open, Pharmacoepidemiology & Drug Safety, Patient Preference and Adherence, Open Heart, International Journal of Pediatrics, International Journal of Environmental Research and Public Health, Geriatrics & Gerontology International, Nutrients, Healthcare, F1000Research, Health Policy, Stata Journal, Frontiers in Public Health, Frontiers in Pharmacology*.

Guest Editor, *Vaccines (Basel)*, Fall 2023. Special issue on “Vaccine Uptake in Italy, through the OBVIOUS Project and Other Independent Research”.

Scopus author-level metrics: number of documents = 142; *h*-index = 24; number of citations = 1725.

OTHER QUALIFICATIONS

Advanced level skills in Microsoft Office Suite as well as Stata, R, WinBUGS and SPSS. Good knowledge of SAS and SQL languages. Fluency in both written and spoken English. Excellent presentation skills.

PUBLICATIONS

Peer-Reviewed Articles

1. Montaguti E, Diglio J, Petrachi B, Arosio V, Fiorentini M, Cavalera M, Pellegrino A, Amodeo S, **Lenzi J**, Pilu G. Identification of fetuses at increased risk of trisomies in the first trimester using axial planes [published online ahead of print, 2023 Sep 30]. *Fetal Diagn Ther* 2023;10.1159/000533879.
2. Della Gatta AN, Aceti A, Spinedi SF, Martini S, Corvaglia L, Sansavini A, Zuccarini M, **Lenzi J**, Seidenari A, Dionisi C, Pilu G, Simonazzi G. Neurodevelopmental outcomes of very preterm infants born following early foetal growth restriction with absent end-diastolic umbilical flow [published online ahead of print, 2023 Jul 25]. *Eur J Pediatr* 2023;10.1007/s00431-023-05104-y.
3. Chalif EJ, Young JS, Villa GR, Aghi MK, **Lenzi J**, Berger MS. High-volume facilities are not always low risk: comparing risk-standardized mortality rates versus facility volume as quality measures in surgical neuro-oncology [published online ahead of print, 2023 Jun 30]. *J Neurosurg* 2023;10.3171/2023.5.JNS222913.
4. Global Burden of Disease 2019 Immune-Mediated Inflammatory Diseases Collaborators. Global, regional, and national incidence of six major immune-mediated inflammatory diseases: findings from the global burden of disease study 2019. *EClinicalMedicine* 2023;64:102193.
5. Martini S, **Lenzi J**, Paoletti V, Maffei M, Toni F, Fetta A, Aceti A, Maria Cordelli D, Zuccarini M, Guarini A, Sansavini A, Corvaglia L. Neurodevelopmental Correlates of Brain

Magnetic Resonance Imaging Abnormalities in Extremely Low-birth-weight Infants. *J Pediatr* 2023;262:113646

6. Del Forno S, Orsini B, Verrelli L, Caroli M, Aru AC, **Lenzi J**, Raimondo D, Arena A, Borghese G, Paradisi R, Meriggiola MC, Seracchioli R, Casadio P. Dienogest alone or dienogest combined with estrogens in the treatment of ovarian endometriomas, that is the question. A retrospective cohort study. *Arch Gynecol Obstet* 2023;308(4):1341-1349.
7. Shin YH, Hwang J, Kwon R, Lee SW, Kim MS; GBD 2019 Allergic Disorders Collaborators; Shin JI, Yon DK. Global, regional, and national burden of allergic disorders and their risk factors in 204 countries and territories, from 1990 to 2019: A systematic analysis for the Global Burden of Disease Study 2019. *Allergy* 2023;78(8):2232-2254.
8. Martella M, **Lenzi J**, Gianino MM. Diagnostic Technology: Trends of Use and Availability in a 10-Year Period (2011–2020) among Sixteen OECD Countries. *Healthcare (Basel)* 2023;11(14):2078.
9. Global Burden of Disease 2021 Diabetes Collaborators. Global, regional, and national burden of diabetes from 1990 to 2021, with projections of prevalence to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet* 2023;402(10397):203-234.
10. Serenari M, Ratti F, Guglielmo N, Zanello M, Mocchegiani F, **Lenzi J**, Colledan M, Mazzaferro V, Cillo U, Ferrero A, Cescon M, Di Benedetto F, Massani M, Grazi G, Valle RD, Vivarelli M, Ettore GM, Aldrighetti L, Jovine E; ALPPS Italian Registry. Correction: Evolution of minimally invasive techniques and surgical outcomes of ALPPS in Italy: a comprehensive trend analysis over 10 years from a national prospective registry. *Surg Endosc* 2023;37(7):5775.
11. Serenari M, Ratti F, Guglielmo N, Zanello M, Mocchegiani F, **Lenzi J**, Colledan M, Mazzaferro V, Cillo U, Ferrero A, Cescon M, Di Benedetto F, Massani M, Grazi G, Valle RD, Vivarelli M, Ettore GM, Aldrighetti L, Jovine E; ALPPS Italian Registry. Evolution of minimally invasive techniques and surgical outcomes of ALPPS in Italy: a comprehensive trend analysis over 10 years from a national prospective registry. *Surg Endosc* 2023;37(7):5285-5294.
12. Lami A, Giacomelli G, **Lenzi J**, Alvisi S, Seracchioli R, Meriggiola MC. The COVID-19 Pandemic Impact on the Psychophysical Health of Post-Menopausal Women: A Cross-Sectional Study. *Medicina (Kaunas)* 2023;59(6):1154.
13. Benton M, Davies M, Ismail K, **Lenzi J**. Gestational diabetes mellitus and its impact on the mother-infant relationship: A cohort study in the postnatal period. *Prev Med Rep* 2023;34:102270.
14. Sanmarchi F, Golinelli D, **Lenzi J**, Grilli R, Fantini MP, Gori D. The impact of the COVID-19 pandemic on the use of Emergency Departments in Italy. *Ann Ig* 2023;35(4):413-424.
15. Global Burden of Disease 2019 Chronic Respiratory Diseases Collaborators. Global burden of chronic respiratory diseases and risk factors, 1990–2019: an update from the Global Burden of Disease Study 2019. *eClinicalMedicine* 2023;59:101936.
16. Raimondo D, Raffone A, Renzulli F, Raimondo I, Raspollini A, Rovero G, Franceschini C, Maletta M, Carbone L, **Lenzi J**, Mollo A, Seracchioli R, Casadio P. Clinical, laboratory and ultrasonographic risk factors for uterine artery arteriosclerosis: insights for uterus transplantation. *Int J Gynaecol Obstet* 2023;161(2):579-585
17. Gori D, Capodici A, La Fauci G, Montalti M, Salussolia A, Soldà G, Di Valerio Z, Scognamiglio F, Fantini MP, Leask J, Larson HJ, Profeti S, Toth F, **Lenzi J**, on behalf of the other researchers of the OBVIOUS Board. COVID-19 Vaccine Refusal and Delay among Adults in Italy: Evidence from the OBVIOUS Project, a National Survey in Italy. *Vaccines (Basel)* 2023;11(4):839.
18. Montaguti E, Cofano M, Diglio J, Fiorentini M, Pellegrino A, **Lenzi J**, Battaglia C, Pilu G. The prediction of hypertensive disorders by maternal hemodynamic assessment in the first trimester of pregnancy. *J Matern Fetal Neonatal Med* 2023;36(1):2198063.
19. Serenari M, **Lenzi J**, Cucchetti A, Cipriani F, Donadon M, Ardito F, Fazio F, Nicolini D, Iaria M, Famularo S, Perri P, Ansaloni L, Zanello M, Lai Q, Conci S, Molfino S, Ferrari C, Germani P, Zago M, Romano M, Zimmitti G, Antonucci A, Fumagalli L, Troci A, Ferraro V, Memeo R, Crespi M, Chiarelli M, Ercolani G, Hilal MA, Zanusi G, Pinotti E, Tarchi P, Griseri G, Baiocchi GL, Ruzzenente A, Rossi M, Jovine E, Maestri M, Grazi GL, Romano F, Dalla Valle R, Ravaioli M, Vivarelli M, Ferrero A, Giuliente F, Torzilli G, Aldrighetti L, Cescon M; HE.RC.O.LE.S GROUP CONTRIBUTORS. The Effect of a Liver Transplant Program on the Outcomes of Resectable Hepatocellular Carcinoma: A Nationwide Multicenter Analysis. *Ann*

Surg 2023;277(4):664-671.

20. Global Burden of Disease 2021 Health Financing Collaborator Network. Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026. *Lancet Glob Health* 2023;11(3):e385-e413.
21. Arena A, Moro E, Degli Esposti E, Zanello M, **Lenzi J**, Casadio P, Seracchioli R, Perrone A, Lenzi M. How much will it hurt? Factors associated with pain experience in women undergoing medication abortion during the first trimester. *Contraception* 2023;119:109916.
22. Contro E, Larcher L, **Lenzi J**, Valeriani M, Farina A, Jauniaux E. Changes in Artery Diameters and Fetal Growth in Cases of Isolated Single Umbilical Artery. *Diagnostics (Basel)* 2023;13(3):571.
23. Raimondo D, Raffone A, Aru AC, Giorgi M, Giaquinto I, Spagnolo E, Travaglino A, Galatolo FA, Cimino MGCA, **Lenzi J**, Centini G, Lazzeri L, Mollo A, Seracchioli R, Casadio P. Application of Deep Learning Model in the Sonographic Diagnosis of Uterine Adenomyosis. *Int J Environ Res Public Health* 2023;20(1):1724.
24. Raimondo D, Raffone A, Renzulli F, Sanna G, Raspollini A, Bertoldo L, Maletta M, **Lenzi J**, Rovero G, Travaglino A, Mollo A, Seracchioli R, Casadio P. Prevalence and Risk Factors of Central Sensitization in Women with Endometriosis. *J Minim Invasive Gynecol* 2022;30(1):73-80.e1.
25. Global Burden of Disease 2019 Antimicrobial Resistance Collaborators. Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2023;400(10369):2221-2248.
26. Casadio P, Raffone A, Alletto A, Filipponi F, Raimondo D, Arena A, La Rosa M, Virgilio A, Franceschini C, Gubbini G, Franchini M, Paradisi R, **Lenzi J**, Travaglino A, Mollo A, Carugno J, Seracchioli R. Post-operative morphologic changes of the isthmocele and clinical impact in patients treated by channel-like (360°) hysteroscopic technique. *Int J Gynaecol Obstet* 2023;160(1):326-333.
27. Larcher L, Jauniaux E, **Lenzi J**, Ragnedda R, Morano D, Valeriani M, Michelli G, Farina A, Contro E. Ultrasound diagnosis of placental and umbilical cord anomalies in singleton pregnancies resulting from in-vitro fertilization. *Placenta* 2023;131:58-64.
28. Salussolia A, **Lenzi J**, Montalti M, Rallo F, Paternò M, Agosta M, Resi D, Stillo M, Guaraldi F, Gori D, Dallolio L, Masini A. Physical Well-Being of Children and Adolescents during the SARS-CoV-2 Pandemic: Findings from the "Come te la Passi?" Cross Sectional Survey in Bologna, Italy. *Children* 2022;9(12):1950.
29. Dodaro MG, Montaguti E, Balducci A, Perolo A, Angeli E, **Lenzi J**, Lombardo L, Donti A, Gargiulo G, Pilu G. Fetal speckle-tracking echocardiography: a comparison between two-dimensional and electronic spatio-temporal image correlation (e-STIC) technique. *J Matern Fetal Neonatal Med* 2022;35(25):6090-6096.
30. Arena A, Degli Esposti E, Cocchi L, Orsini B, **Lenzi J**, Del Forno S, Raimondo D, Youssef A, Seracchioli R. Three-Dimensional Ultrasound Evaluation of Pelvic Floor Muscle Contraction in Women Affected by Deep Infiltrating Endometriosis: Application of a Quick Contraction Scale. *J Ultrasound Med* 2022;41(12):2973-2979.
31. Montaguti E, Rizzo R, Diglio J, Di Donna G, Brunelli E, Cofano M, Seidenari A, **Lenzi J**, Battaglia C, Pilu G. Increased nuchal translucency can be ascertained using transverse planes. *Am J Obstet Gynecol* 2022;227(5):750.e1-750.e6.
32. **Lenzi J**, Rousset S, Fantini MP, Gianino MM. Impact of COVID-19 on Timing of Hip-Fracture Surgeries: An Interrupted Time-Series Analysis of the Pre/Post-Quarantine Period in Northern Italy. *Int J Health Policy Manag* 2022;11(10):2083-2089.
33. Raimondo D, Raffone A, Scambia G, Maletta M, **Lenzi J**, Restaino S, Mascilini F, Trozzi R, Mauro J, Travaglino A, Driul L, Casadio P, Mollo A, Fagotti A, Vizzielli G, Seracchioli R. The impact of hysterectomy on oncological outcomes in postmenopausal patients with borderline ovarian tumors: A multicenter retrospective study. *Front Oncol* 2022;12:1009341.
34. Raimondo D, Lazzeri L, Raffone A, Giorgi M, Orsini B, Verrelli L, **Lenzi J**, Travaglino A, Meis LD, Mollo A, Zupi E, Seracchioli R, Casadio P. Sonographic Assessment of Uterine Biometry for the Diagnosis of Diffuse Adenomyosis in a Tertiary Outpatient Clinic. *J Pers Med* 2022;12(10):1572.
35. Raimondo D, Giaquinto I, Maletta M, Vicenti R, Iodice R, Arena A, Del Forno S, Raffone A, **Lenzi J**, Casadio P, Seracchioli R. Cost-effectiveness analysis of ovarian tissue

- cryopreservation and transplantation for preservation of fertility in post-pubertal oncological women submitted to high-risk gonadotoxic chemotherapy. *Int J Gynaecol Obstet* 2022;159(1):116-121.
36. Baum P, **Lenzi J**, Taber S, Winter H, Wiegering A. Reply to A. Saraswathula et al and Z.V. Fong et al. *J Clin Oncol* 2022;40(25):2998-3000. [Letter to the Editor]
 37. Baum P, Winter H, Eichhorn ME, Roesch RM, Taber S, Christopoulos P, Wiegering A, **Lenzi J**. Trends in age- and sex-specific lung cancer mortality in Europe and Northern America: Analysis of vital registration data from the WHO Mortality Database between 2000 and 2017. *Eur J Cancer* 2022;171:269-279.
 38. Zaccone R, Renzi A, Chalfon C, **Lenzi J**, Bellei E, Marconato L, Ros E, Rigillo A, Bettini G, Faroni E, Guerra D, Sabattini S. Environmental risk factors for the development of oral squamous cell carcinoma in cats. *J Vet Intern Med* 2022;36(4):1398-1408.
 39. Capodici A, Gori D, **Lenzi J**. Deaths, Countermeasures, and Obedience: How Countries' Non-pharmaceutical Measures Have Quelled the COVID-19 Death Toll. *Front Public Health* 2022;10:934309. [Brief Report]
 40. Arena A, Degli Esposti E, Orsini B, Verrelli L, Rodondi G, **Lenzi J**, Casadio P, Seracchioli R. The Social Media Effect: the impact of fake news on women affected by endometriosis. A prospective observational study. *Eur J Obstet Gynecol Reprod Biol* 2022;274:101-105.
 41. Yock-Corrales A, Gomez-Vargas J, Ulloa-Gutierrez R, Brizuela M, Del Aguila O, Kozicki V, **Lenzi J**, Buonsenso D. Clinical Outcomes of Pediatric COVID-19 During Two Waves of Different Variants Circulation in Latin America. *Indian J Pediatr* 2022;89(7):727. [Letter to the Editor]
 42. Borghese G, Raimondo D, Esposti ED, Aru AC, Raffone A, Orsini B, Ambrosio M, Iodice R, **Lenzi J**, Del Forno S, Casadio P, Seracchioli R. Preoperative ureteral stenting in women with deep posterior endometriosis and ureteral involvement: Is it useful? *Int J Gynaecol Obstet* 2022;158(1):179-186.
 43. Reno C, Sanmarchi F, Stoto MA, Fantini MP, **Lenzi J**, Golinelli D. The impact of health policies and vaccine rollout on the COVID-19 pandemic waves in Italy. *Health Policy Technol* 2022;11(2):100604.
 44. Di Valerio Z, La Fauci G, Soldà G, Montalti M, **Lenzi J**, Forcellini M, Barvas E, Guttman S, Poluzzi E, Raschi E, Riccardi R, Fantini MP, Aurelia Salussolia A, Gori D; San Marino Republic COVID ROCCA Group. ROCCA cohort study: Nationwide results on safety of Gam-COVID-Vac vaccine (Sputnik V) in the Republic of San Marino using active surveillance. *EClinicalMedicine* 2022;49:101468.
 45. **Lenzi J**, Reno C, Skrule J, Lepiksone J, Brigis G, Dūdele A, Fantini MP. Excess Cardiovascular Mortality in Latvia: A Novel Approach Based on Patient-Level Data to Estimate the Separate Contributions of Primary Prevention, Accessibility and Quality of Hospital Care. *Int J Health Policy Manag* 2022;11(6):820-828.
 46. Baum P, **Lenzi J**, Taber S, Winter H, Wiegering A. Quality versus quantity in surgical oncology - what is the future? *Nat Rev Clin Oncol* 2022;19(5):356. [Letter to the Editor]
 47. Alvisi S, Lami A, Baldassarre M, **Lenzi J**, Mancini I, Seracchioli R, Meriggiola MC. Short-Term Efficacy and Safety of Non-Ablative Laser Treatment Alone or with Estriol or Moisturizers in Postmenopausal Women with Vulvovaginal Atrophy. *J Sex Med* 2022;19(5):761-770.
 48. Baum P, **Lenzi J**, Diers J, Rust C, Eichhorn ME, Taber S, Germer CT, Winter H, Wiegering A. Risk-Adjusted Mortality Rates as a Quality Proxy Outperform Volume in Surgical Oncology- A New Perspective on Hospital Centralization Using National Population-Based Data. *J Clin Oncol* 2022;40(10):1041-1050.
 49. Dondi A, **Lenzi J**, Candela E, Sureshkumar S, Morigi F, Biagi C, Lanari M. Social Determinants of Health and Distance Learning in Italy in the Era of the SARS-CoV-2 Pandemic. *Int J Environ Res Public Health* 2022;19(9):5741.
 50. Sbravati F, Cosentino A, **Lenzi J**, Fiorentino M, Ambrosi F, Salerno A, Di Biase A, Righi B, Brusa S, Sogno Valin P, Bruni L, Battistini B, Pagano S, Grondona AG, Labriola F, Alvisi P. Antitissue transglutaminase antibodies' normalization after starting a gluten-free diet in a large population of celiac children-a real-life experience. *Dig Liver Dis* 2022;54(3):336-342.
 51. **Lenzi J**, Gianino MM. Switch from public to private retail pharmaceutical expenditures: evidence from a time series analysis in Italy. *BMJ Open* 2022;12(3):e055421.
 52. Soldà G, Barvas E, **Lenzi J**, Di Valerio Z, La Fauci G, Guttman S, Riccardi R, Fantini MP,

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5. Brizuela M, **Lenzi J**, Ulloa-Gutiérrez R, Antúnez-Montes OY, Rios Aida JA, del Aguila O, Arteaga-Menchaca E, Campos F, Uribe F, Parra Buitrago A, Betancur Londoño LM, Gómez-Vargas J, Yock-Corrales A, Buonsenso D. Influence of sex on disease severity in children with COVID-19 and Multisystem Inflammatory Syndrome in Latin America. *medRxiv* 2021; doi:10.1101/2021.02.07.21251212
6. Yock-Corrales A, **Lenzi J**, Ulloa-Gutiérrez R, Gómez-Vargas J, Antúnez-Montes OY, Rios Aida JA, del Aguila O, Arteaga-Menchaca E, Campos F, Uribe F, Parra Buitrago A, Betancur Londoño LM, Brizuela M, Buonsenso D. Antibiotic prescriptions in children with COVID-19 and Multisystem Inflammatory Syndrome: a multinational experience in 990 cases from Latin America. *medRxiv* 2020; doi:10.1101/2020.12.05.20243568
7. Pianori D, Adja KYC, **Lenzi J**, Pieri G, Rossi A, Fantini MP. The contribution of case mix, skill mix and care processes to the outcomes of community hospitals: A population-based observational study. *medRxiv* 2020; doi:10.1101/2020.06.27.20141010
8. Reno C, **Lenzi J**, Navarra A, Barelli E, Gori D, Lanza A, Valentini R, Tang B, Fantini MP. Forecasting COVID-19-Associated Hospitalizations under Different Levels of Social Distancing in Lombardy and Emilia-Romagna, Northern Italy: Results from an Extended SEIR Compartmental Model. *Preprints* 2020; doi: 10.20944/preprints202004.0397.v1

Web Documents

1. Fantini MP, **Lenzi J**. La mortalità riconducibile ai servizi sanitari e disuguaglianze di salute in Italia. In: *SaluteInternazionale*. 2014. <http://www.saluteinternazionale.info/2014/09/la-mortalita-riconducibile-ai-servizi-sanitari-e-disuguaglianze-di-salute-in-italia/>

Other Publications

1. Libro Bianco 2011. La salute dei bambini, a cura dell'Osservatorio nazionale sulla salute nelle regioni italiane in collaborazione con la Società italiana di pediatria. Milan (I): Prex SpA; 2011.

2. L'immigrazione straniera in Emilia-Romagna. Dati al 2006, a cura dell'Osservatorio regionale sul fenomeno migratorio. Bologna (I): CLUEB; 2008.

SEMINARS, COURSES, WORKSHOPS AND CONFERENCES

1. *La relazione volumi-esiti: dalle evidenze scientifiche alle decisioni di politica sanitaria*: 21 September 2023; Bologna (I).*
2. *Age-It – Giornate di studio Spoke 10*: 17–18 July 2023; Novara (I).
3. *RTDibinem: 30 minuti per la Ricerca*: 1 December 2022; Bologna (I).*
4. *OBVIOUS (Observatory on Vaccine Hesitancy in Italy – Online UniBo Surveys) – 2022 Annual Event*: 24–26 October 2022; Bertinoro (I).*
5. *Congresso Intermedio SISMEC 2022*: 20–21 October 2022; Naples (I).
6. *Invited Research Presentation at the Memorial Sloan-Kettering Cancer Center*: 5 May 2022; New York (USA).*
7. *16th World Congress on Public Health*: 12–16 October 2020; Rome (I).*
8. *Principles of Social Epidemiology and Quali-Quantitative Research*: 13–17 January 2020; Bologna (I).*
9. *Meeting of the OECD Working Party on Health Care Quality and Outcomes*: 6–7 June 2019; Paris (F).*
10. *Level 1 Creator AVR Educator Training*: 29 March 2019; Casalecchio di Reno (I).
11. *XV Convegno Italiano degli Utenti di Stata*: 15 November 2018; Bologna (I).*
12. *XIV Convegno Italiano degli Utenti di Stata*: 16 November 2017; Florence (I).*
13. *Child Health and Immigration Conference*: 25 May 2017; Stanford (USA).
14. *49th Course of International School of Epidemiology and Preventive Medicine on "Epidemiology for planning, implementation and evaluation in public health"*: 5–9 December 2016; Erice (I).
15. *Convegno Scopenso Cardiaco 2016*: 18–19 November 2016; Bologna (I).
16. *49° Congresso Nazionale della Società Italiana di Igiene*: 16–19 November 2016; Naples (I).*
17. *21° Conferenza Nazionale dell'Associazione Italiana di Economia Sanitaria*: 3–4 November 2016; Bologna (I).*
18. *Riunione Plenaria del Rapporto Osservasalute 2016*: 25–26 October 2016; Formia (I).*
19. *20° Congresso Nazionale della Società Italiana di Psicopatologia*: 23–26 February 2016; Milan (I).*
20. *Convegno CARD Emilia-Romagna: I percorsi integrati delle patologie cardiovascolari tra ospedale e territorio*: 26 November 2015; Bologna (I).
21. *Incontro sul tema "Avvio progetto di riorganizzazione cure primarie medicina del territorio"*: 9 February 2015; Borgo Maggiore (RSM).
22. *7th European Public Health Conference*: 19–22 November 2014; Glasgow (GB).*
23. *Riunione Plenaria del Rapporto Osservasalute 2014*: 21–22 October 2014; Formia (I).*
24. *47° Congresso Nazionale della Società Italiana di Igiene*: 1–4 October 2014; Riccione (I).*
25. *Scientific Program EuroDURG 2014*: 28–29 August 2014; Groningen (NL).*
26. *27th International Biometric Society Short Course: Bayesian analysis of follow-up studies*: 7 July 2014; Florence (I).
27. *45° Congresso Nazionale di Cardiologia ANMCO*: 29–31 May 2014; Florence (I).*
28. *Prevedere e prevenire gli eventi nelle differenti malattie cardio-vascolari: come utilizzare al meglio trial, registri, linee guida ed esperienza clinica*: 16–17 May 2014; Bologna (I).
29. *Multimorbidità. Implicazioni per la cura, l'assistenza alla persona, la ricerca e la formazione*: 26 November 2013; Bologna (I).*
30. *Seminario satellite AIE di farmacoepidemiologia*: 4 November 2013; Rome (I).
31. *19th London Stata Users Group Meeting*: 12–13 September 2013; London (GB).
32. *Valutazione della performance nelle cure primarie*: 14 June 2013; Bologna (I).
33. *Evaluating quality in Primary Health Care*: 13 June 2013; Bologna (I).*
34. *Health Care System and financial sustainability: Strategies and Challenges to drive the change*: 23 May 2013; Pisa (I).
35. *Second MeDALL Annual Meeting*: 14–15 January 2013; Berlin (D).
36. *Salute e Sanità Pubblica. Storia- Ricerca- Comunicazione*: 20 November 2012; Bologna

(I).

37. *MeDALL Harmonisation Workshop: 7–9 November 2012; Barcelona (E).*
38. *IX Convegno Italiano degli Utenti di Stata: 20 September 2012; Bologna (I).*
39. *Summer School on Modern Methods in Biostatistics and Epidemiology – Statistical Methods for Population-Based Cancer Survival Analysis: 18–22 June 2012; Cison di Valmarino (I).*
40. *VIII Convegno Italiano degli Utenti di Stata: 17–18 November 2011; Venice (I).*
41. *4th European Public Health Conference: 9–12 November 2011; Copenhagen (DK).**
42. *MeDALL WP3/4: 27–29 April 2011; Rome (I).*
43. *Health in Context: A Course in Multilevel Modelling for Public Health and Health Services Research: 4–8 April 2011; Pisa (I).*
44. *La valutazione comparative di efficacia: potenzialità e criticità nella valutazione complessiva delle informazioni disponibili: 6 November 2010; Florence (I).*
45. *Terza Giornata Nazionale PSOCARE: 13 November 2009; Rome (I).*
46. *La Pubblicazione dei Dati: l'iter di un articolo scientifico della pianificazione al referaggio: 1 October 2009; Meldola (I).*
47. *Sperimentazioni Cliniche in Oncologia: dalla progettazione alla conduzione dello studio: 28–30 September 2009; Meldola (I).*

* *Oral/poster presentation*