

MAXIMILIAN SALCHER-KONRAD

Research areas

Evidence synthesis; comparative effectiveness research; drug market regulation; health economics

Education

- Sep 2016 – present PhD Health Policy (part-time)
London School of Economics and Political Science, London, UK.
Research topic: “Evidence standards for drug marketing authorisation: empirical evaluation of expedited approval pathways” (Supervised by A. McGuire and H. Naci)
- Oct 2013 – Sep 2014 MSc in Health Policy, Planning and Financing
London School of Economics and Political Science and London School of Hygiene and Tropical Medicine, London, UK.
Dissertation: “Systematic review: unintended consequences of public reporting in the US” (Supervised by E. Mossialos and H. Naci)
- July 2011 – Nov 2011 Study exchange
Queensland University of Technology (QUT), Brisbane, Australia.
- Oct 2008 – Apr 2013 BSc (WU) in Business, Economics and Social Sciences
Vienna University of Economics and Business (WU), Vienna, Austria.
Scholarship for exceptional performance in 2010/2011.

Research experience

- Oct 2014 – present Research Officer
Care Policy and Evaluation Centre (CPEC, formerly PSSRU) & LSE Health, London School of Economics and Political Science, London, UK.
Leading a meta-epidemiological study to compare treatment effects in randomised vs. non-randomised studies (IMPACT-HTA, work package lead), and studying dementia interventions in low- and middle-income countries through evidence synthesis (STRiDE project) and economic evaluation (CST-International).
Previously planned and led evidence synthesis (cardio-vascular interventions; patient-reported outcomes measures; informed consent models) and economic analysis in cardiology (FP7 CARDIOPROOF) and big data (IMI2 Big Data for Better Outcomes, work package co-lead) projects. Presentation of findings in reports, peer-reviewed publications, and at conferences.
Work on other projects included (selected):
 - Worldwide survey on attitudes towards people living with dementia
 - Comparative effectiveness of exercise vs. drugs in cardiovascular diseases
 - Cost-effectiveness analysis of cardiac screening for athletes
- Sep 2012 – Aug 2013 Student Assistant (part-time)
HealthEcon, IHS - Institute for Advanced Studies, Vienna, Austria.
Applied research in health economics. Tasks included data analysis, writing and editing of research reports, conducting literature and data research.

Non-research work experience

Jul 2012 – Apr 2014 Production Assistant (part-time)
 Only Hands Small OG, Vienna, Austria.

Oct 2007 – Jul 2008 Ambulance officer (compulsory civilian service)
 Red Cross, Vienna, Austria.

Peer-reviewed publications

- Salcher-Konrad M**, Naci H, Davis C. Approval of cancer drugs with uncertain therapeutic value: a comparison of regulatory decisions in Europe and the United States. *The Milbank Quarterly*. In press.
- Costa-Font J, Rudisill C, **Salcher-Konrad M**. ‘Relative Consent’ or ‘Presumed Consent’? Organ Donation Attitudes and Behavior. *The European Journal of Health Economics*. In press.
- Gorst SL, Prinsen CAC, **Salcher-Konrad M**, Matvienko-Sikard K, Williamson PR, Terwee CB. Methods used in the selection of instruments for outcomes included in Core Outcome Sets have improved since the publication of the COSMIN/COMET guideline. *Journal of Clinical Epidemiology*. 2020;125:64-75.
- Naci H, **Salcher-Konrad M**, Kesselheim AS, et al. Generating comparative evidence on new drugs and devices before approval. *The Lancet*. 2020;395(10228):986–997.
- Meregaglia M, Ciani O, Banks H, **Salcher-Konrad M**, Carney C, Jayawardana S, Williamson PW, Fattore G. A scoping review of core outcome sets and their ‘mapping’ onto real-world data using prostate cancer as a case study. *BMC Medical Research Methodology*. 2020;20(41). doi.org/10.1186/s12874-020-00928-w
- Castillo-Garcia A, Naci H, Valenzuela PL, **Salcher-Konrad M**, et al. Infographic. How does exercise treatment compare with antihypertensive medications? *British Journal of Sports Medicine*. Published Online First: 19 December 2019. doi: 10.1136/bjsports-2019-101522
- Salcher-Konrad M**, Naci H, McDaid D, et al. Effectiveness of interventions for dementia in low- and middle-income countries: Protocol for a systematic review, pairwise and network meta-analysis. *BMJ Open*. 2019;9:e027851.
- Naci H, **Salcher-Konrad M**, Mcguire A, et al. Impact of predictive medicine on therapeutic decision making: a randomized controlled trial in congenital heart disease. *npj Digital Medicine*. 2019;2:19.
- Runte K, Brosien K, **Salcher-Konrad M**, et al. Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Healthy Subjects, Aortic Stenosis and Aortic Coarctation Patients—A Systematic Review and Meta-Analysis. *Frontiers in Cardiovascular Medicine*. 2019;6:43.
- Naci H, **Salcher-Konrad M**, Blum M, et al. How does exercise treatment compare with antihypertensive medications? A network meta-analysis of 391 randomised controlled trials assessing exercise and medication effects on systolic blood pressure. *British Journal of Sports Medicine*. 2018. doi: 10.1136/bjsports-2018-099921
- Salcher M**, Mcguire AJ, Muthurangu V, et al. Avoidable costs of stenting for aortic coarctation in the United Kingdom: an economic model. *BMC Health Services Research*. 2017;17:258. doi: 10.1186/s12913-017-2215-2
- Salcher M**, Naci H, Law T, et al. Balloon Dilatation and Stenting for Aortic Coarctation: A Systematic Review and Meta-Analysis. *Circulation: Cardiovascular Interventions*. 2016;9:e003153. doi:10.1161/CIRCINTERVENTIONS.115.003153
- Salcher M**, Naci H, Pender S, et al. Bicuspid aortic valve disease: systematic review and meta-analysis of surgical aortic valve repair. *Open Heart*. 2016;3:e000502. doi: 10.1136/openhrt-2016-000502
- Under preparation (selected work):*
- Salcher-Konrad M**, Nguyen M, Higgins JPT, Savovic J, Davis K, Naci H. Comparison of treatment effects in randomised and non-randomised studies of pharmacological interventions: a meta-epidemiological analysis of 2,700 studies. *Draft in progress (submission to JAMA planned in September 2020)*.
- Ciani O, **Salcher-Konrad M**, Smith K, Merzaglia M, Fattore G, Williamson PW. A cross-sectional study of Patient-Reported Outcome Measures in Core Outcome Sets reveals huge overlap within and across

disease areas in targeted outcome domains. *Draft in progress (submission to Journal of Clinical Epidemiology planned in June 2020).*

Other publications

Salcher-Konrad M, Naci H. Unintended consequences of coverage laws targeting cancer drugs. *The Journal of Law, Medicine & Ethics*. In press.

Salcher-Konrad M, Jhass A, Naci H, Tan M, El-Tawil Y, Comas-Herrera A. COVID-19 related mortality and spread of disease in long-term care: first findings from a living systematic review of emerging evidence. *medRxiv*. 2020: doi.org/10.1101/2020.06.09.20125237.

Salcher-Konrad M, Comas-Herrera A. *International evidence on care home COVID-19 outbreak responses, summary of key findings*. LTCcovid, International Long-Term Care Policy Network, CPEC-LSE, 12 June 2020.

Evans-Lacko S, Bhatt J, Comas-Herrera A, D'Amico F, Farina N, Gaber S, Knapp M, **Salcher-Konrad M**, et al. Attitudes to dementia survey results. In: Alzheimer's Disease International. *The World Alzheimer Report 2019: Attitudes to dementia*. 2019. London: Alzheimer's Disease International.

Salcher M. Connecting the dots: putting big data to work for health systems. *Eurohealth*. 2017;23(1):3-6.

Czypionka T, Titelbach G, **Salcher M**. Critical analysis of patient guides for selecting health care providers [Orientierungshilfen bei der Arztwahl: Eine kritische Analyse]. *Health System Watch* 2013;1:1-16.

Czypionka T, Mayer S, Pock M, Röhrling G, **Salcher M**. Interdependencies in outpatient medical care in Austria. [Interdependenzen in der ambulanten medizinischen Versorgung in Österreich: Jahresthema 2012]. *Research report commissioned by the Main Association of Austrian Social Security Institutions*. Vienna: Institute for Advanced Studies (IHS). 2013.

Teaching experience

London School of Economics and Political Science (London, UK)

Executive MSc Health Economics, Outcomes and Management in Cardiovascular Science

Course: Systematic Review and Meta-analysis (Teaching Assistant, computer lab leader)

King's College London (London, UK)

Critical Policy Research for Health and Medicine: Systematic reviews and meta-analyses (guest lecturer)

Brighton and Sussex University Hospital (Brighton, UK)

Introduction to Health Economics for Foundation Doctors

Presentations (selected)

Invited guest lecture, NICE Technical Forum, online: 23/04/2020: Agreement of treatment effects in randomised vs. non-randomised studies: findings from a large-scale meta-epidemiological study.

ATHEA conference, Vienna, Austria: 28/02/2020: Agreement of treatment effects in randomised vs. non-randomised studies: preliminary findings from a meta-epidemiological study.

European Public Health Conference, Marseille, France; 23/11/2019: Can we rely on non-randomised studies as input for health economic decision-making? Findings from a meta-epidemiological review and evidence-based recommendations.

Invited guest lecture, Division of Pharmacoepidemiology and Pharmacoeconomics/PORTAL, Harvard Medical School, Boston, USA; 13/05/2019: Uncertainty in the regulatory approval of cancer drugs: a matched comparison of regulatory outcomes in Europe and the United States.

Invited guest lecture, Riga Stradins University, Latvia; 07/05/2019: Conditional approval of cancer drugs in Europe and the United States.

International Health Policy Conference, LSE, London, UK; 19/02/2017: Avoidable costs of stenting for aortic coarctation in the United Kingdom: an economic model.

Peer-review activities

BMJ Open (2017-present); ESC Heart Failure (2017); European Journal of Health Economics (2016); Healthcare Policy (2019-present); Health Policy (2016-present); Research Synthesis Methods (2020-present)