

Aleksandra Torbica, MSc, PhD

Contact details

Department of Policy Analysis and Public Management
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Personal data

Place of birth: Banjaluka, Bosnia & Herzegovina
Date of birth: October 2nd 1975.
Nationality: Serbian
Family status: Married, two children age 5 and 2

Education

- 2004-2007 Doctorate (PhD equivalent) in Economics and Management of Public Administrations
University of Parma, Italy.
Thesis: "Tariff setting in the Italian NHS"
- 2001-2002 Master of Science (MSc) in International Health Care Management, Economics
Degree awarded with highest distinction
Università Commerciale Luigi Bocconi, Milan, Italy
- 1995-2000 University Degree in Pharmacy
University of Belgrade, Republic of Serbia
Diploma awarded with Summa cum Laude and Departmental Honors; Awarded Government Scholarship for Excellence

Academic positions

- Since March 2008 Assistant Professor
Department of Policy Analysis and Public management
Università Commerciale Luigi Bocconi, Milan, Italy
Tenure track position
(two maternity leaves: July-Dec 2008 and March-Nov 2012)
- May – October 2007 Visiting Research Fellow
Centre for Health Economics
University of York, England
Awarded Fellowship from the Alan Williams Health Economics Foundation
- Since 2002 Research Fellow

Center for Health care and Social Management (CERGAS)
Università Commerciale Luigi Bocconi, Milan, Italy

Since 2002 Lecturer
SDA Bocconi School of Management,
Università Commerciale Luigi Bocconi, Milan, Italy

Institutional posts

Since 2012 Director
Master of International Health Care Management, Economics and
Policy, SDA Bocconi School of Management, Bocconi University,
Milan, Italy

Since 2012 Coordinator
Research Area Health Economics & HTA at CERGAS, Bocconi
University

Since 2011 Secretary General
Italian Health Economics Association (AIES)

2006-2011 Coordinator
Master of International Health Care Management, Economics and
Policy, Bocconi School of Management

Research areas

My research interests revolve around two main streams: (i) use and impact of Health Technology Assessment (HTA) on decision making in healthcare and (ii) methodological issues in estimating outcomes and costs of healthcare technologies/programmes/services. Some of my most significant scientific achievements concern the impact of economic analysis on decision making in healthcare and my focus has been on exploring different methodological approaches to the issue (both quantitative (i.e. surveys, experiments) and qualitative (interviews)). With reference to the second research stream, in my research I adopt a perspective which combines economics and management disciplines for evaluation of costs in healthcare.

International research activities

2013-2015 *MedtecHTA (Methods for HTA of medical devices: a European
Prospective)*
Funded by European Commission FP7-Health-Innovation Grant 2012
Deputy Project Director

2011 *Agenda - setting criteria for the abolition of user fees health policies in
West Africa*
Co-investigator (in charge of developing methodological part of the proposal)
Funded by the Africa Initiative Research Grant 2011

- 2009-2011 ECHOUTCOME European Consortium in Healthcare Outcomes and Cost-Benefit research- Seventh Framework Programme, EC; March 2010-2013 – *Researcher*
- 2005-2008 Health Benefits and Service Costs in Europe (HealthBASKET project) – Sixth Framework Programme, EC; – *Researcher*
- Since 2007 European Health Technology Institute for Socio Economic Research (EHTI) –member of Executive Committee (www.ehti.info).

Teaching experiences

Undergraduate level courses

- Main Instructor of Economics and Management in Public Organizations – compulsory course at Degree in Economics and Management, Bocconi University, Milan
- Co-Instructor of Public Management – optional course at Degree in International Economics and Management, Bocconi University, Milan

Graduate and Master level courses

- Visiting instructor in “Mixed Methods Research for International Health”- University of Heidelberg, Germany
- Co-instructor of Economic Evaluation Analysis of Healthcare Programmes – compulsory course at MIHMEP (Master in International Healthcare Management, Economics and Policy), Bocconi University
- Main instructor of Decision Analysis in Healthcare- optional course at MIHMEP (Master of International Healthcare Management, Economics and Policy), Bocconi University, Milan
- Main instructor of Advanced Economic Evaluation in Health Care – optional course at MIMS (Master of Health Care Management), Bocconi University, Milan
- Co- Instructor of Economic Evaluation in Healthcare - compulsory course at MIMS (Master of Health Care Management – taught in Italian)), Bocconi University, Milan.

Executive level courses

- Extensive teaching at Executive level in the areas of economic evaluation analyses and health technology assessment

Publications

In international peer-reviewed journals

1. **Torbica A**, Calciolari S. Fattore G (2015). Does informal care impact utilization of healthcare services? Evidence from a longitudinal study of stroke patients. *Social Science & Medicine*. 124; 29-38
2. Albiro G, **Torbica A**, De Allegri M. (2014) Eliciting community preferences for complementary micro health insurance: a discrete choice experiment in rural Malawi. *Social Science & Medicine*, 120:160-168
3. Sorenson C. Drummond M. **Torbica A**. Callea G. Mateus C. (2014) The Role of Hospital Payments in the Adoption of New Medical Technologies: An International Survey of Current Practice accepted for publication in *Health Economics, Policy and Law* 1-27
4. Tarricone R. **Torbica A**. Ferre F. Drummond M. Generating Appropriate Clinical Data for Value Assessment of Medical Devices: What Role Does Regulation Play? (2014) *Expert Review of Pharmacoeconomics and Outcome Research* 14 (5), 707-718
5. Beresniak A, Medina-Lara A, Auray JP, De Wever, Praetf JC, Tarricone R, **Torbica A**, Dupont D, Lamure M, Durue G (2014). Validation of the Underlying Assumptions of the QALY Outcome - Results from the ECHOUTCOME European Project - *Pharmacoeconomics* 33 (1) 61-69
6. **Torbica A**, De Allegri M, Belemsaga DY, Medina-Lara A, Ridde V (2014). What criteria guide policy decisions on user fee removal for maternal healthcare services? Results from a Best-Worst Scaling choice experiment in West Africa. *Journal of Health Service Research and Policy* Oct;19(4):208-15
7. Petrarca G, Fattore G, **Torbica A** (2014). Travelling for care: evidence about inter-regional mobility for aortic valve substitution in Italy – *Health Policy*, 117 (1), 90-97
8. **Torbica A**, Fattore, G., & Ayala, F. (2014). Eliciting Preferences to Inform Patient-Centred Policies: the Case of Psoriasis. *PharmacoEconomics*, 32, 209-223.
9. Angus, C., Scafato, E., Ghirini, S., **Torbica A**, Ferre, F., Struzzo, P., et al. (2014). Cost-effectiveness of a programme of screening and brief interventions for alcohol in primary care in Italy. *BMC family practice*, 15, 26.
10. Calciolari, S., **Torbica A**, & Tarricone, R. (2013). Explaining the Health Costs Associated with Managing Intracranial Aneurysms in Italy. *Applied health economics and health policy*, 11, 427-435.
11. Drummond M, Tarricone R, **Torbica A**. (2013) Assessing the Added Value of Health Technologies: Reconciling Different Perspectives. *Value in Health*, 16 pp S7-S13
12. Ghislandi S, **Torbica A**, Boriani G (2013). Assessing the outcomes of implantable cardioverter defibrillator treatment in a real world setting: results from hospital record data. *BMC Health Services Research*, 13:100

13. Ciani O, Tarricone R, **Torbica A** (2012). Diffusion and use of health technology assessment in policy making: What lessons for decentralised healthcare systems? *Health Policy* ,20;108(2-3):194-202
14. Fattore G, **Torbica A**, Susi A, Aguzzi G, Benelli G, Gozzo M, Vito T (2012) The social and economic burden of stroke survivors in Italy: a prospective. incidence-based, multi-centre cost of illness study. *BMC Neurol*, Nov 14;12(1):137
15. **Torbica A**. Fattore G. (2010) Understanding the impact of economic evidence on clinical decision making: a discrete choice experiment in cardiology *Social Science & Medicine* May;70(10):1536-43
16. Tarricone R, **Torbica A**, Franzetti F, Rosenthal VD (2010). Hospital costs of central line-associated bloodstream infections and cost-effectiveness of closed vs. open infusion containers. The case of Intensive Care Units in Italy. *Cost Eff Resour Alloc* , 8(--):8
17. **Torbica A**. Cappellaro G (2010) Uptake and diffusion of medical technology innovation in Europe: What role for funding and procurement policies?. *Journal of Medical Marketing* 10: 61-69
18. Cappellaro G. Fattore G, **Torbica A**. (2009) Funding health technologies in decentralized systems: A comparison between Italy and Spain. *Health Policy*; 92(2-3):313-21
19. Gerzeli S, **Torbica A**, Fattore G (2009). Cost utility analysis of microprocessor controlled knee prosthesis in Italy. *European Journal of Health Economics*; 10(1):47-55
20. Fattore G, **Torbica A** (2008). Cost and reimbursement of cataract surgery in Europe: a cross country comparison. *Health Economics*, 17(1 Suppl):S71-82
21. Fattore G, **Torbica A** (2006) Inpatient reimbursement system in Italy: how do tariffs relate to costs? *Health Care Management Science* 9:251-258
22. Fattore G, **Torbica A** (2006). Economic evaluation in health care: the point of view of informed physicians. *Value in Health*, May-Jun;9(3):157-67
23. **Torbica A**, Fattore G (2005). The Essential Levels of Care in Italy: when being explicit serves the devolution of powers. *Eur J Health Econ,Suppl*: 46-52

Italian peer-reviewed journals

1. **Torbica A.**, Tarricone R., Calciolari S., Branca V., Gaini SM. Analisi dei costi del trattamento di aneurisma intracranico in Italia *Pharmacoeconomics. Italian Research Articles* 2009; 11 (1): 25-37
2. **Torbica A.** Tarricone R, Musi F. Analisi dei costi della procedura angioplastica coronarica per via transradiale in regime ambulatoriale in Italia. *Economia e Politica del Farmaco* 2008; 10
3. Fattore G, **Torbica A.** La valutazione economica in sanità: i decision-makers utilizzano gli studi? *Economia e Politica del Farmaco* 2007; 9. 137-152

4. Fattore G, **Torbica A**. Il ruolo delle variabili organizzative nella diffusione dell'innovazione tecnologica: il caso dell'infarto miocardico acuto, *Economia e Politica del Farmaco*, 2006; 5: 35-46
5. Fattore G, **Torbica A**. Costi del trattamento della BPCO in Italia: un'applicazione del metodo bootstrap. *Pharmacoeconomics. Italian Research Articles* 2005; 7:135-143

Book chapters

6. R. Tarricone, **A. Torbica** (2012). Costing and performance in healthcare management. In: Faltin, F.W, Kenett, R.S., Ruggeri, F.. *Statistical methods in healthcare*. p. 386-404, Wiley, ISBN: 9780470670156
7. P. Boscolo, O. Ciani, **A. Torbica** (2012). I processi di valutazione dei dispositivi medici e delle tecnologie sanitarie. In: Rosanna Tarricone. *Politiche per la salute e scelte aziendali. Impatto sull'innovazione e diffusione delle tecnologie mediche*. p. 159-186, EGEA, ISBN: 9788823843400
8. Fattore G, **Torbica A** (2010) *Equità territoriale: definizioni, evidenze empiriche e politiche appropriate* in Anessi Pessina E, Cantu E. (a cura di), *L'aziendalizzazione della sanità italiana-Rapporto OASI*, EGEA, Milano, 263-288
9. Carbone C, Jommi C, **Torbica A** (2006) *Tariffe e finanziamento dell'innovazione tecnologica: analisi generale focus su due casi regionali (Emilia Romagna e Lombardia)* in Anessi Pessina E, Cantu E. (a cura di), *L'aziendalizzazione della sanità italiana-Rapporto OASI* EGEA, Milano, 267-303
10. Otto M, Paruzzolo S, **Torbica A** (2004) *Il governo regionale dell'assistenza farmaceutica: un quadro delle iniziative adottate nel 2003*. in Anessi Pessina E, Cantu E. (a cura di), *L'aziendalizzazione della sanità italiana-Rapporto OASI*, EGEA, Milano, pp. 261-283

Fellowships and Awards

- 2007 Alain Williams Research Fellowship, University Of York, England
- 2009 Research Excellence Award, Bocconi University, Milan
- 2010 International Award "Vivisalute" for academic research in the field of healthcare (sponsored by the Provincial Government of Milan, Milan, Italy)
- 2010 Research Excellence Award, Bocconi University, Milan
- 2011 Research Excellence Award, Bocconi University, Milan

Languages

- Serbian: native language
- Italian: excellent
- English: excellent