

# CURRICULUM VITAE



## PERSONAL INFORMATION

Name ROGNONI, Carla  
Address Via Ceresio 1/A, 27029, Vigevano (PV), Italy  
Mobile +39 347 4651869  
E-mail carla.rognoni@unibocconi.it  
Nationality Italian  
Date of birth 9th October 1974

## WORK EXPERIENCE

Period	From July 2016 - today
Workplace	Foundation IRCCS Policlinico San Matteo, Pavia, Italy
Activities	Member of the Drug Commission - Expert in Pharmacoeconomics
Period	From January 2013 - today
Workplace	Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy
Activities	Contracted Research Fellow for the following activities: health technology assessment, economic evaluation analysis of healthcare programmes, budget impact analysis. Languages / Software used: TreeAge Pro Suite, MSEExcel.
Period	18th and 26th September 2012
Workplace	Ospedale Infantile Regina Margherita, Torino, Italy
Activities	Teacher of the CME Course "Statistical analysis for the activation of experimental clinical protocols". Topics: design of clinical trials, analysis of survival data, univariate and multivariate statistical analysis, use of specific software for statistics.
Period	May 2012 – September 2012
Workplace	Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy
Activities	Review and updating of a model to assess the impact on the regional health expenditures resulting from the introduction of everolimus in the treatment of advanced neuroendocrine tumors of pancreatic origin (PNET) in disease progression. Languages / Software used: TreeAge Pro Suite, MSEExcel.
Period	May 2012 – September 2012
Workplace	Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy
Activities	Review and updating of a model to assess the impact on the regional health expenditures of denosumab (Xgeva™) vs. zoledronic acid for the prevention of skeletal related events in adult patients with bone metastases. Languages / Software used: TreeAge Pro Suite, MSEExcel.
Period	January 2011 – July 2011
Workplace	Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy
Activities	Implementation of a decision model to identify, compare and evaluate the costs and the impact

	<p>on regional health expenditures of alternative treatment strategies in first-line treatment of patients diagnosed with chronic myeloid leukemia in chronic phase. Languages / Software used: TreeAge Pro Suite, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>July 2010 – December 2010 Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy Implementation of a decision model to analyze the consequences of an increased availability of kidneys from donors compared to dialysis in patients candidates for transplantation. Languages / Software used: TreeAge Pro Suite, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>July 2009 – September 2009 Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy I revised and updated a decision model for the evaluation of the use of low-dose aspirin in the primary prevention of cardiac-cerebro-vascular diseases in Italy. I also performed a cost-effectiveness analysis and a Budget Impact Analysis (BIA) for four Italian regions. Languages / Software used: TreeAge Pro Suite, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>November 2008 – January 2011 Unità Operativa di Oncoematologia Pediatrica, IRCCS Policlinico San Matteo, Pavia Data manager of AIEOP and EBMT databases. In particular, I performed data extraction, statistical analysis and univariate / multivariate survival analysis. Languages / Software used: SQL, MSAccess, Statistica, NCSS, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>July 2010 – September 2012 Faculty of Engineering, Dept. of Computer Engineering and System Science, University of Pavia, Italy Development of e-learning courses for healthcare personnel in collaboration with IRCCS Foundation S. Maugeri, Pavia, Italy. Linguaggi/Software utilizzati: SQL, Moodle, Articulate, PostgreSQL, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>August 2008 – October 2012 Anti-Poison Centre - IRCCS S. Maugeri Foundation, Pavia, Italy Data extraction, data visualization and data analysis. Languages / Software used: SQL, JSP, Tomcat, Oracle, Toad, MSExcel.</p>
<p>Period Workplace Activities</p>	<p>December 2007 – April 2008 Department of Applied Statistics and Economics "L. Lenti", University of Pavia, Italy - in collaboration with Chiesi Farmaceutici (Parma). Research "Development of a Markov model to evaluate the cost-effectiveness of different strategies for the treatment of asthma." Software used: TreeAge Pro Suite, MS Excel, Statistica, S-PLUS.</p>
<p>Period Workplace Activities</p>	<p>November 2007 – November 2009 Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy I developed a decision model for the evaluation of different strategies for the treatment of head and neck cancer (cost-effectiveness and cost-utility analyses). I also performed univariate and multivariate statistical analysis and survival analyses. Software used: TreeAge Pro Suite, MS Excel, Statistica, S-PLUS.</p>
<p>Period Workplace Activities</p>	<p>April 2007 – April 2008 Department of Applied Statistics and Economics "L. Lenti", University of Pavia, in collaboration with Centre for Research on Health and Social Care Management (CERGAS), Bocconi University, Milan, Italy I reviewed and revised a model for assessing the cost-effectiveness and the cost-utility of a treatment for patients with breast cancer. I have also performed a Budget Impact Analysis (BIA) to assess the impact of such treatment on the Italian health care expenditure. Software used: TreeAge Pro Suite, MSExcel, Statistica.</p>

Period	November 2006 – February 2007
Workplace	Faculty of Engineering, Dept. of Computer Engineering and System Science, University of Pavia, Italy
Activities	Research "Evaluating the cost-utility of neonatal screening for long-QT syndrome considering the entire family" in collaboration with IRCCS Policlinico San Matteo, Pavia. Software used: TreeAge Pro Suite, MSEExcel.

Period	From July 2006 – July 2013
Workplace	Faculty of Engineering, Dept. of Computer Engineering and System Science, University of Pavia, Italy
Activities	Research Fellowship "Software development for clinical databases and decision analyses" Languages / Software used: JSP, JAVA, SQL, VBA, MSAccess, MySQL, TreeAge Pro Suite, MSEExcel, MSVisio, S-Plus.

## EDUCATION AND TRAINING

Period	November 2001 – October 2003
Institution	Faculty of Engineering, University of Pavia, Italy I worked in collaboration with IRCCS Policlinico San Matteo, Pavia, on the topics of decision analysis (cost-effectiveness analysis, cost-utility analysis and modeling of Markov processes) regarding the prevention of sudden deaths caused by Long QT- syndrome. Software used: TreeAge Pro Suite, MSEExcel, Matlab, S-Plus. The work was funded by a 3-year grant from IRCCS Policlinico San Matteo in Pavia.
Qualification awarded	PhD in Bioengineering and Bioinformatics achieved with judgment of excellence Philosophiae Doctor (PhD)

Date	May 2001
Qualification awarded	Professional engineering license (State exam). Score: 114 out of 120

Date	October 1993 – March 2001
Institution	Faculty of Engineering, University of Pavia, Italy
Qualification awarded	Laurea (Master's degree) in Computer Science and Engineering. Score: 108 out of 110

## SCIENTIFIC PUBLICATIONS (SELECTION YEARS 2009-2017)

The total number of publications is 86. H-index = 12 (source Google Scholar).

Locatelli F, Bernardo ME, Bertaina A, Rognoni C, et al. Efficacy of two different doses of rabbit anti-T-lymphocyte globulin to prevent graft-versus-host disease in children with haematological malignancies transplanted from an unrelated donor: a multicentre, randomised, open-label, phase 3 trial. *Lancet Oncol.* 2017 Aug;18(8):1126-1136.

Rognoni C, Ciani O, Sommariva S, Tarricone R. Real world data for the evaluation of trans-arterial radioembolization versus sorafenib in hepatocellular carcinoma: a cost-effectiveness analysis. *Value Health.* 2017 Mar;20(3):336-344.

Rognoni C, Tarricone R. Healthcare resource consumption for intermittent urinary catheterisation: cost-effectiveness of hydrophilic catheters and budget impact analyses. *BMJ Open.* 2017 Jan 17;7(1):e012360.

Rognoni C, Tarricone R. Intermittent catheterisation with hydrophilic and non-hydrophilic urinary catheters: systematic literature review and meta-analyses. *BMC Urol.* 2017 Jan 10;17(1):4.

Rognoni C, Ciani O, Sommariva S, Facciorusso A, Tarricone R, Bhoori S, Mazzaferro. Trans-arterial radioembolization in intermediate-advanced hepatocellular carcinoma: systematic review and meta-analyses. *Oncotarget.* 2016 Aug 26.

Rognoni C, Venturini S, Meregaglia M, Marmifero M, Tarricone R. Efficacy and safety of ferric carboxymaltose and other formulations in iron-deficient patients: a systematic review and network meta-analysis of randomised controlled trials. *Clin Drug Investig.* 2016 Mar;36(3):177-94.

Generali D, Venturini S, Rognoni C, Ciani O, Puzsai L, Loi S, Jerusalem G, Bottini A, Tarricone R. A network meta-analysis of everolimus plus exemestane versus chemotherapy in the first- and second-line treatment of estrogen receptor-positive metastatic breast cancer. *Breast Cancer Res Treat.* 2015 Jul;152(1):95-117.

Rognoni C, Tarricone R, Meregaglia M. Impatto economico dell'utilizzo di carbosimaltoso ferrico in pazienti con anemia da carenza di ferro nelle regioni italiane. *MECOSAN. Management e economia sanitaria*, 2015, 93:99-114.

- Licitra LF, Favales F, Sesenna E, Spriano G, Ansarin M, Benazzo M, Nicolai P, Corvo R, Grandi C, Grando G, Squadrelli M, Marchetti C, Ionna F, Simon C, Richetti A, Presutti L, Mereaglia M, Mariani L, Rognoni C, Bossi P. Health and economic outcomes of two different follow up strategies in effectively cured advanced head and neck cancer patients. *ASCO Annual Meeting Proceedings* 2015; 3(15): TPS6625.
- Parimbelli E, Fizzotti G, Pistarini C, Rognoni C, Quaglini S. Quality of Life Measurements in Spinal Cord Injury Patients. *Stud Health Technol Inform.* 2015;216:998.
- Fizzotti G, Rognoni C, Imarisio A, Meneghini A, Pistarini C, Quaglini S. Tablet Technology for Rehabilitation after Spinal Cord Injury: a Proof-of-Concept. *Stud Health Technol Inform.* 2015;210:479-83.
- Rubrichi S, Rognoni C, Sacchi L, Parimbelli E, Napolitano C, Mazzanti A, Quaglini S. Graphical representation of life paths to better convey results of decision models to patients. *Med Decis Making.* 2015 Apr;35(3):398-402.
- Rognoni C, Marchetti M, Quaglini S, Liberato NL. Edoxaban versus warfarin for stroke prevention in non-valvular atrial fibrillation: a cost-effectiveness analysis. *J Thromb Thrombolysis.* 2015 Feb;39(2):149-54.
- Rognoni C, Fizzotti G, Pistarini C, Quaglini S. Quality of life of patients with spinal cord injury in Italy: preliminary evaluation. *Stud Health Technol Inform;* 205:935-9, 2014
- Moroni G, Longhi S, Quaglini S, Rognoni C et al. The impact of recurrence of primary glomerulonephritis on renal allograft outcome. *Clin Transplant.*; 28(3):368-76, 2014
- Rognoni C, Marchetti M, Quaglini S, Liberato NL. Apixaban, dabigatran, and rivaroxaban versus warfarin for stroke prevention in non-valvular atrial fibrillation: a cost-effectiveness analysis. *Clin Drug Investig.* 2014 Jan;34(1):9-17.
- Fagioli F, Quarello P, Zecca M, Lanino E, Rognoni C et al. Hematopoietic stem cell transplantation for children with high-risk acute lymphoblastic leukemia in first complete remission: a report from the AIEOP registry. *Haematologica.* 2013 Aug;98(8):1273-81.
- Sacchi L, Rognoni C, Rubrichi S, Panzarasa S, Quaglini S. From Decision to Shared-Decision: Introducing Patients' Preferences in Clinical Decision Analysis-A Case Study in Thromboembolic Risk Prevention. *Artificial Intelligence in Medicine;* 7785:1-10, 2013.
- Liberato NL, Rognoni C, Rubrichi S et al. Adding docetaxel to cisplatin and fluorouracil in patients with unresectable head and neck cancer: a cost-utility analysis. *Ann Oncol.* 2012 Jul;23(7):1825-32.
- Fagioli F, Zecca M, Rognoni C et al. Allogeneic hematopoietic stem cell transplantation for Philadelphia-positive acute lymphoblastic leukemia in children and adolescents: a retrospective multicenter study of the Italian Association of Pediatric Hematology and Oncology (AIEOP). *Biol Blood Marrow Transplant.* 2012 Jun;18(6):852-60.
- A Giampreti, D Lonati, V Petrolini, S Vecchio, F Chiara, A Monia, C Rognoni, et al. Absorption of Elemental Mercury by Inhalation from Broken Clinical Thermometers in Heating Sources: Evaluation of a Case Series. *Clinical Toxicology;* 50(4):361-361, 2012.
- F Chiara, A Giampreti, S Vecchio, D Lonati, VM Petrolini, M Aloise, E Buscaglia, M Mazzoleni, S Siri, C Rognoni et al. Drug Abuse in Pediatrics: Increasing Trend in 15 Years Experience of Pavia Poison Centre. *Clinical Toxicology;* 50(4):295-296, 2012.
- Gerzeli S, Rognoni C, Quaglini S et al. Cost-effectiveness and cost-utility of beclomethasone/formoterol versus fluticasone propionate/salmeterol in patients with moderate to severe asthma. *Clin Drug Investig.* 2012 Apr 1;32(4):253-65.
- Sacchi P, Patruno SF, Bruno R, Cima SM, Previtali P, Franchini A, Nicolini L, Rognoni C et al. Forecast model for the evaluation of economic resources employed in the health care of patients with HIV infection. *Clinicoecon Outcomes Res.* 2012;4:117-26.
- Dini G, Zecca M, Balduzzi A, Messina C, Masetti R, Fagioli F, Favre C, Rabusin M, Porta F, Biral E, Ripaldi M, Iori AP, Rognoni C et al. No difference in outcome between children and adolescents transplanted for acute lymphoblastic leukemia in second remission. *Blood.* 2011 Dec 15;118(25):6683-90.
- V Petrolini, CA Locatelli, D Lonati, A Giampreti, S Vecchio, S Bigi, C Rognoni et al. Acute Pneumonia after Accidental Fuel Ingestion in Adults: A Prospective Study. *Journal of Emergency Medicine;* 41(2):220-221, 2011.
- VM Petrolini, S Vecchio, CA Locatelli, MG Contessa, A Giampreti, D Lonati, S Bigi, C Rognoni et al. QT-interval prolongation in pediatric patients after oxatomide overdose. *Toxicology Letters;* 196:S91, 2010.
- MG Contessa, V Petrolini, S Vecchio, C Rognoni et al. Oxatomide-Induced QTc Interval Prolongation in Pediatric Patients After Single and Repeated Overdose. *Clinical Toxicology;* 48(3):295-295, 2010.
- C Locatelli, V Petrolini, S Vecchio, S Bigi, D Lonati, A Giampreti, T Coccini, E Roda, D Acerbi, C Rognoni et al. Alpha-amanitin-Containing Mushroom Poisoning: Outcome in 157 Patients Treated with the Triade N-Acetylcysteine, Forced Diuresis and Activated Charcoal Gastrointestinal Dialysis (Pavia Protocol), *Clinical Toxicology;* 48(3):296-296, 2010.
- A Giampreti, D Lonati, V Petrolini, S Vecchio, S Bigi, C Rognoni et al. Reliability of Different Methods Useful in Emergency Services for PH Measurement of Potentially Caustic Solutions. *Clinical Toxicology;* 48(3):250-250, 2010.
- NL Liberato, L Licitra, J Bogaerts, G Danese, M Marchetti, S Quaglini, C Rognoni et al. TPF versus PF as induction therapy in unresectable head and neck cancer: A pharmacoeconomic analysis. *J Clin Oncol (Meeting Abstracts);* 27(15S), 6075, 2009.

**PERSONAL SKILLS**MOTHER TONGUE **ITALIAN**

## OTHER LANGUAGES

**ENGLISH**

Listening	Independent user
Writing	Independent user
Spoken interaction	Independent user

**FRENCH**

Listening	Basic user
Writing	Basic user
Spoken interaction	Basic user

COMMUNICATION SKILLS Good spirit of cooperation to work in team

ORGANISATIONAL / MANAGERIAL SKILLS Good attitude to the management of projects and groups, and ability to achieve objectives in time

## COMPUTER SKILLS

Operating systems	MSWindows
Languages	Java, HTML, JSP, JavaScript, SQL, PL/SQL, Visual Basic, VBA
R-DBMS	Oracle, MSAccess, MySQL, PostgreSQL
Software/Client:	Msoffice, Internet Explorer, FireFox, Macromedia (Homesite, Dreamweaver, Fireworks), Matlab, TreeAge Pro Suite, TreeAge Pro Interactive, S-Plus, Statistica, NCSS, STATA, SPSS, WEKA, Orange, Moodle, Saba Publisher, WBExpress, Articulate Studio '09, Paint Shop Pro, Toad
Web Server	Tomcat, IIS
OLAP server	Mondrian, SQLServer

DRIVING LICENSE **B****ADDITIONAL INFORMATION**

Award for the best poster "E-learning for Neurological Bladder Management" at MIE - Medical Informatics in Europe 2012 - 26/29 August 2012 - Pisa, Italy.

Award for the best abstract "New Synthetic Cannabinoids Intoxications in Italy: Clinical Identification and Analytical Confirmation of Cases" at Sixth Mediterranean Emergency Medicine Congress - 10/14 September 2011 - Kos, Greece.

Journal of Emergency Medicine Award for the best abstract "Acute Pneumonia after Accidental Fuel Ingestion in Adults: A Prospective Study".

Winner of the "Riccardo Maceratini" award for young researchers for the presentation "An Hypertension Home-Monitoring System Adapted for Cardiovascular Risk Management" at 1st EMMIT Euro-Mediterranean Medical Informatics and Telemedicine - International Conference, Istituto G. Gaslini, Genova, Italy, 18-21 November 2004.

I authorize the treatment of my personal data, according to Italian laws (196/03)

25th October 2017

