

## CURRICULUM VITAE

NAME Fabrizio Carinci  
YEAR OF BIRTH  
PLACE OF BIRTH  
NATIONALITY  
CONTACTS



LANGUAGES Italian, English

### EDUCATION

2014-ongoing PhD Student (Thesis by papers), University of Amsterdam, the Netherlands  
Title: "*Unleashing the potential of medical databases for performance measurement of health care: theory and practice of a European study on comparative information of regional outcomes*". Supervisors: Prof. Niek Klazinga, University of Amsterdam; Prof. Ewout Steyerberg, University of Rotterdam.

1990 Laurea<sup>\*</sup> in Statistical and Economical Sciences, University of Bologna, Italy  
Thesis: "Treatment of Outliers in a Robust Framework" (Vote: 110/110)

1982 High School Degree in Sciences

### WORK EXPERIENCE

Current roles **Professor of Health Systems and Policy**  
**School of Health Sciences, Faculty of Medical and Health Sciences**  
**University of Surrey, Guildford, UK, 2015-Today**  
[http://www.surrey.ac.uk/healthsciences/people/academic/fabrizio\\_carinci/](http://www.surrey.ac.uk/healthsciences/people/academic/fabrizio_carinci/)

**OECD, Paris, France:** Member of the Bureau (2012-2014), Expert of the Health Care Quality Indicators Project and Member of the Advisory Panel of Experts on Health Information Infrastructure, 2011-Today, <http://www.oecd.org/health/hcqi>

**HIRS, Perugia, Italy:** Member of the Advisory Board and Technical Coordinator, EUBIROD Network, 2013-Today, <http://www.hirs-research.eu>

**International Expert in Biostatistics, Health Systems Research and Policy**  
<http://www.fabcarinci.net>, <http://www.serectrix.eu>

2010-2014 **National Expert, National Agency for Regional Health Services (AGENAS), Italy, 2010-2014**, <http://www.agenas.it>

**Technical Coordinator (Serectrix snc and University of Perugia, Italy), EU Project "European Best Information through Regional Outcomes in Diabetes" (EUBIROD), 2009-2012**, <http://www.eubirod.eu>

**Expert Project Evaluator for the European Commission, DG RESEARCH, Brussels, Belgium and DG-SANCO, Luxembourg, 2010-2013**

\* 'Laurea' is the main Italian degree and is equivalent to high masters degree awarded by a US institution. The 'Laurea' typically takes more than six years to complete, and earns graduates the right to be called 'dottore', or 'doctor'. The University of Bologna awarded the first 'Laurea' degree more than 900 years ago.

A handwritten signature in black ink, appearing to read 'Fabrizio Carinci', written in a cursive style.

- 2010-2011, **Senior Adviser, WHO Europe**, Copenhagen, Denmark  
<http://www.euro.who.int>
- 2005-2009 **Member of the Advisory Board** European FP7 Project "DUQuE", 2010-2012
- 2005-2009 **Technical Coordinator (Sereatrix snc and University of Perugia, Italy), EU Project "Best Information through Regional Outcomes" (BIRO)**, 2005-2009  
<http://www.biro-project.eu>
- Expert Project Evaluator for the European Commission**, DG RESEARCH, Brussels, Belgium and DG-SANCO, Luxembourg, 2003-2009
- Honorary Associate Professor**, Monash Institute of Health Services Research, Monash University, Melbourne, AUSTRALIA, 2005-2010
- National Expert, Health System Monitoring and Evaluation Committee (SIVEAS)**, Ministry of Health, Rome, ITALY, 2007-2009  
<http://www.ministerosalute.it/programmazione/lea/sezOrgani.jsp?label=siveas>
- Italian Technical Focal Point** for the preparation of the WHO Tallinn Charter 2008, <http://www.euro.who.int/healthsystems2008>
- Senior Lecturer, International Labour Organization (ILO)**, International Course on "Social Health Insurance", Turin, ITALY, 2008-2010
- Technical Coordinator** of Health Services Research Projects in Italian Regions
- o **DVSS Abruzzo**, Abruzzo Regional Health Agency, Pescara, ITALY, 2007-2008 <http://www.asrabruzzo.it>
  - o **"System for the Evaluation of Outcomes" (SVE/DVSS)**, Epidemiologic Observatory, Regione Umbria, ITALY, 2006-2007, <http://www.regione.umbria.it>
  - o **Continuity of Care in the Elderly**, Regional Health Agency Regione Toscana, ITALY, 2005 <http://www.arsanita.toscana.it>
- 2004 **Senior Officer, Department of Health Planning**  
Italian Ministry of Health, Rome, Italy  
<http://www.ministerosalute.it/programmazione>
- 2000-2003 **Associate Professor of Biostatistics**  
Director, Centre for Health Systems Research,  
Monash Institute of Health Services Research,  
Monash University, Melbourne, Australia  
[http://mihsr.med.monash.edu.au/intranet/chsr/FabrizioCarinci/intranet\\_FabrizioCarinci.html](http://mihsr.med.monash.edu.au/intranet/chsr/FabrizioCarinci/intranet_FabrizioCarinci.html)
- 1997-2000 **Head, Unit of Statistics and Information Systems**  
Department of Clinical Pharmacology and Epidemiology,  
Consorzio Mario Negri Sud, Lanciano, Italy  
<http://mihsr.med.monash.edu.au/intranet/chsr/FabrizioCarinci/StatBoneWeb/index.html>
- 1997 **Consultant, Center for Biostatistics in AIDS Research**  
Harvard School of Public Health, Boston MA, USA  
<http://www.hsph.harvard.edu/cbar>
- 1992-1996 **Statistician, Research Fellow**  
Laboratory of Clinical Pharmacology and Epidemiology,  
Consorzio Mario Negri Sud, Lanciano, Italy
- 1991 **Freelance consultant**  
Market Research and Social Surveys, Pescara, Italy
- 1990 **Statistician**  
CISL Trade Union, Bologna, Italy.

## SOFTWARE

Operating Systems: LINUX, DIGITAL UNIX, SUN SOLARIS, VAX/VMS, MSDOS, WINDOWS9\*/NT/XP, MAC System 7

Data Analysis: Advanced (since 1992): SAS (Unix, Windows/NT, VMS)  
*Modules*: BASE/Macro, GRAPH, STAT, IML, AF, FSP  
Professional: R

Database: Basic: Access, PostgreSQL, MySQL, H2

Programming languages: Advanced (since 1992): SAS  
Basic: Python, Javascript, VisualBasic, SPSS.

Standards: HTML, XML

Office Automation: MS/Open Office, Adobe Publishing Collection, etc.

Graphics: GIMP, Inkscape, Latex, etc.

## SCIENTIFIC AND PROFESSIONAL ASSOCIATIONS

2010 Academy Health

2000-2003 Biostatistics Collaboration Australia

1992-2000 American Statistical Association,  
International Biometrics Society,  
International Cochrane Initiative,  
European Association for the Study of Diabetes  
Società Italiana di Diabetologia

## HOBBIES

- Music, Electric and acoustic guitars
- Underwater Hockey, Volleyball and Beach Volley

## MAIN INTERNATIONAL VIDEO PRESENTATIONS

Seminar: *"Integrating Clinical Registries and Administrative Data for Evidence-based Health Care Performance evaluation: experiences in EU and OECD projects"*, Australian Institute of Health Innovation (AIHI), Macquarie University, Sydney, New South Wales, Australia, 4<sup>th</sup> March 2016.  
<https://www.youtube.com/watch?v=aBddv1ncKVk>

HARC presents: *Five questions on measuring health system reporting with Professor Fabrizio Carinci, Sydney, NSW Bureau of Health Information, 29<sup>th</sup> March 2016*  
<https://www.saxinstitute.org.au/media/multimedia/harc-five-questions/harc-presents-five-questions-on-measuring-health-system-reporting-with-professor-fabrizio-carinci/>

### *The BIRO Project*

IDF World Diabetes Congress, Montreal, Canada, 21<sup>st</sup> October 2009  
<http://conference2.idf.org/idf2009/O-0402/default.aspx>

## INVITED PARTICIPATION TO INTERNATIONAL HIGH LEVEL MEETINGS

### ITALIAN NATIONAL DELEGATE

1. OECD Health Committee, 19th Session, OECD Conference Centre, Paris, 28-29<sup>th</sup> June 2016
2. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 19-20<sup>th</sup> May 2016
3. Chinese-Italian Seminar on International Cooperation in the field of Health, Beijing, China 28<sup>th</sup> January 2016
4. OECD Health Committee, 18th Session, OECD Conference Centre, Paris, 3-4 December 2015
5. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 9-10<sup>th</sup> November 2015
6. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 21-22<sup>nd</sup> May 2015
7. Chair, International Workshop organized by AGENAS in collaboration with the Italian Ministry of Health, Opportunities and challenges of hospital performance public reporting at the national level: international experiences and future perspectives, Italian Ministry of Health, Rome, 26<sup>th</sup> September 2014
8. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 13<sup>th</sup>-14<sup>th</sup> November 2014
9. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 22<sup>nd</sup>-23<sup>rd</sup> May 2014
10. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 7-8<sup>th</sup> November 2013
11. Facilitator of the visit of the OECD Delegation, Italian Health Care Quality Review, Rome, Italy, 21<sup>st</sup>-25<sup>th</sup> October 2014
12. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 16-17<sup>th</sup> May 2013
13. Medical Practice Variation Project, OECD Conference Centre, Paris, 25-26<sup>th</sup> April 2013
14. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 15-16<sup>th</sup> November 2012
15. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 9-10<sup>th</sup> May 2012
16. OECD Health Committee, 10<sup>th</sup> Session, OECD Conference Centre, Paris, 1<sup>st</sup>-2<sup>nd</sup> December 2011
17. Health Care Quality Indicators Expert Group Meeting, OECD Conference Centre, Paris, 17-18<sup>th</sup> November 2011
18. OECD Health Committee, 9<sup>th</sup> Session, OECD Conference Centre, Paris, 20-21<sup>st</sup> June 2011
19. Health Care Quality Indicators Expert Group Meeting, IEA Headquarters, Paris, 26-27<sup>th</sup> June 2011
20. WHO European Ministerial Conference on Health Systems, Tallinn, Estonia, 25-27 June 2008
21. 4<sup>th</sup> preparatory meeting, WHO European Ministerial Conference on Health Systems, Brussels, Belgium, 6 June 2008
22. 3<sup>rd</sup> meeting, Charter Drafting Group for the WHO European Ministerial Conference on Health Systems, Moscow, Russian Federation, 12-13<sup>th</sup> May 2008
23. 3<sup>rd</sup> preparatory meeting, WHO European Ministerial Conference on Health Systems, Rome, 3-4 April 2008
24. 2<sup>nd</sup> meeting, Charter Drafting Group, WHO European Ministerial Conference on Health Systems, Valencia, Spain 8-9 February 2008
25. OECD Meeting of Health Ministers, OECD, 13-14<sup>th</sup> May 2004, OECD Conference Centre, Paris

### EXPERT NOMINATED BY THE OECD

1. International Symposium on Hospital Performance Measurement, organized by HIRA at the Korea Chamber of Commerce & Industry, Seoul, Korea, 17<sup>th</sup> Sep 2015.
2. 3<sup>rd</sup> Annual Meeting of the Bureau of the HCQI, Seoul, Korea, 18<sup>th</sup> September 2015.
3. Methods for International Measurement and Reporting on Hospital Performance, University of Surrey, Guildford, Surrey, UK, 28<sup>th</sup> August 2015.
4. OECD Workshop on health data governance – strategies to maximise benefits and minimise risks. Moderator of the Session on Value Health Information Systems: Utilising and Linking Electronic Data, OECD Conference Centre, 20<sup>th</sup> May 2015
5. Advisory Panel of Experts on Health Information Infrastructure, Presentation to: Health Committee and Working Party on Security and Privacy in the Digital Economy (SPDE), OECD Conference Centre, Paris, 8-10<sup>th</sup> December 2014
6. 2<sup>nd</sup> Annual Meeting of the Bureau of the HCQI, Rome, Italy, 25<sup>th</sup> September 2013
7. Advisory Panel of Experts on Health Information Infrastructure, OECD Conference Centre, Paris, 21<sup>st</sup> May 2014
8. 1<sup>st</sup> Annual Meeting of the Bureau of the HCQI, Toronto, Canada, 27<sup>th</sup> September 2013
9. Chairman, Joint Consultation of the OECD Health Care Quality Indicators Expert Group and the Working Party on Information Security and Privacy, OECD Headquarters, Paris, 11<sup>th</sup> May 2012

### EXPERT NOMINATED BY THE EUROPEAN COMMISSION

1. Gastein European Health Forum, Bad Hofgastein, Austria, 6-9<sup>th</sup> October 2010
2. Gastein European Health Forum, Bad Hofgastein, Austria, 30<sup>th</sup> September-3<sup>rd</sup> October 2009
3. Gastein European Health Forum, Bad Hofgastein, Austria, 1-4<sup>th</sup> October 2008
4. AIM Project Review, Brussels, Belgium, 12-13<sup>th</sup> February 2008

## F. Carinci - Curriculum Vitae

5. Gastein European Health Forum, Bad Hofgastein, Austria, 3-6<sup>th</sup> October 2007
6. Marquis Project Review, Brussels, Belgium, 25<sup>th</sup> April 2007
7. DG Research Public Health Info Day (Speaker), Brussels, Belgium, 25<sup>th</sup> April 2007
8. Sarscontrol Project Review, Rotterdam, the Netherlands, 2<sup>nd</sup> March 2007
9. Healthbasket Project Final Conference, Berlin, Germany, 22<sup>nd</sup> February 2007
10. Sarstrans Project Review, Paris, 3-4<sup>th</sup> December 2006
11. Polymod Project Review, Brussels, Belgium, 30<sup>th</sup> November 2006
12. Gastein European Health Forum, Bad Hofgastein, Austria, 4-7<sup>th</sup> September 2006
13. AHEAD Project Review, Sofia, Bulgaria, 1<sup>st</sup> September 2006
14. Europe for Patients Project Review, Venice, Italy, 9-10<sup>th</sup> March 2006
15. Healthbasket Project Review, Ministry of Health, Paris, Monday 6<sup>th</sup> February 2006
16. Gastein European Health Forum, Gastein, Austria, 5-8<sup>th</sup> October 2005
17. 2<sup>nd</sup> Meeting of the EC Research Expert Working Group, Brussels, Belgium, 14<sup>th</sup> June 2005
18. 1<sup>st</sup> Meeting of the EC Research Expert Working Group, London, UK, 3<sup>rd</sup> May 2005
19. WHO Ministerial Summit on Health Research, Mexico City, Mexico, 16-20<sup>th</sup> November 2004
20. EU-US Task Force on Biotechnology Research, 13<sup>th</sup> Meeting, Brussels, Belgium, 21-22<sup>nd</sup> June 2004

### EXPERT NOMINATED BY WHO

1. Follow-up meeting on the 2008 Tallinn Charter, Tallinn, Estonia, 17<sup>th</sup> October 2013
2. Health Systems Performance Assessment Consultation Workshop, WHO/Europe, Copenhagen May 30-31<sup>st</sup> 2011
3. 2<sup>nd</sup> Meeting, WHO Working Group for the Implementation of the Tallinn Charter, Copenhagen, 11<sup>th</sup> February 2011
4. 1<sup>st</sup> Meeting, WHO Working Group for the Implementation of the Tallinn Charter, Copenhagen, 25-26<sup>th</sup> October 2010
5. "Closing the Gap in a Generation", Conference on Social Determinants of Health, London, UK, 6-7<sup>th</sup> November 2008

### EU PROJECT COORDINATOR

1. EUBIROD Network First General Assembly, University of Surrey, Guildford, Surrey, UK, 24-25<sup>th</sup> August 2015
2. BRIDGE Project Workshop (organized by the Italian Ministry of Health); Rome, 28-29<sup>th</sup> August 2014
3. EC Meeting of the Ad-hoc WG on the potential ERIC on Health Information, Luxembourg, 27 February 2014
4. EC Meeting of the Ad-hoc WG on the potential ERIC on Health Information, Brussels, Belgium, 7 November 2013
5. PARENT Joint Action on Patient Registries, Brussels, Belgium 29<sup>th</sup> May 2013
6. PARENT Joint Action on Patient Registries, Brussels, Belgium 13<sup>rd</sup> June 2012
7. EU High Level Conference "EU Health Programmes: results and future perspectives", Brussels, Belgium 3<sup>rd</sup> May 2012
8. European Diabetes Leadership Forum, Copenhagen, 26<sup>th</sup> April 2012
9. EUBIROD Final Meeting, Lamaca, Cyprus, 24<sup>th</sup>-25<sup>th</sup> February 2012
10. Third BIRO Academy Residential Course, Brussels, Belgium, 26<sup>th</sup>-27<sup>th</sup> August 2011
11. Second BIRO Academy Residential Course, Brussels, Belgium, 22-25<sup>th</sup> January 2011
12. Academy Health Annual Research Meeting, Boston, USA, June 27<sup>th</sup>-29<sup>th</sup> June 2010
13. Special BIRO Academy Meeting, Rome, 4-5<sup>th</sup> June 2010
14. Changing Diabetes Barometer Forum 2010, Rome, Italy, 26<sup>th</sup> March 2010
15. EUBIROD 1<sup>st</sup> Technical Meeting, 19-20<sup>th</sup> November 2009
16. IDF World Diabetes Congress, Montreal, Canada, 21<sup>st</sup> October 2009
17. BIRO Final Plenary Session, Perugia, Italy, 25<sup>th</sup> May 2009
18. BIRO Final Press Conference, Brussels, Belgium, 7<sup>th</sup> May 2009
19. First BIRO Academy Residential Course, Kuwait City, Kuwait, 2-4<sup>th</sup> May 2009
20. Changing Diabetes Barometer Forum 2009, Rome, Italy, 2<sup>nd</sup> April 2009
21. BIRO 7<sup>th</sup> Technical Meeting, Bergen, Norway, 15<sup>th</sup> - 17<sup>th</sup> January 2009
22. EUBIROD Kick-off Meeting, Brussels, Belgium, 29-30<sup>th</sup> November 2008
23. BIRO 6<sup>th</sup> Technical Meeting, Brussels, Belgium, 29<sup>th</sup> November 2008
24. EUBIROD Pre Kickoff Meeting, Rome, 21<sup>st</sup> April 2008
25. BIRO 5<sup>th</sup> Technical Meeting, Rome, Italy, 20-21<sup>st</sup> April 2008
26. EUBIROD Consortium Agreement Meeting, Rome, Italy, 4<sup>th</sup> December 2007
27. BIRO 4<sup>th</sup> Technical Meeting, Rome, Italy, 3<sup>rd</sup> December 2007
28. BIRO 2<sup>nd</sup> Investigators' Meeting Lamaca, Cyprus, 23-26<sup>th</sup> May 2007
29. BIRO 3<sup>rd</sup> Technical Meeting, Dundee, Scotland, 26-27<sup>th</sup> March 2007
30. BIRO 2<sup>nd</sup> Technical Meeting, Graz, Austria, 29<sup>th</sup> September - 1<sup>st</sup> October 2006
31. BIRO 1<sup>st</sup> Investigators' Meeting, La Valletta, Malta, 30<sup>th</sup> May - 2<sup>nd</sup> June 2006

32. BIRO 1<sup>st</sup> Technical Meeting Dundee, Scotland, 6-7<sup>th</sup> March 2006
33. BIRO Kick-Off Meeting, Perugia, Italy, 5<sup>th</sup> December 2005
34. BIRO Consortium Agreement Meeting, Assisi, Italy, 1<sup>st</sup> May 2005
35. Multilevel Diabetes Initiative Workshop, Monash University Prato, Italy, 28<sup>th</sup> February 2002

**EU PROJECT PARTNER**

1. 1<sup>st</sup> Bridge Health Meeting of the EUBIROD NETWORK, Hotel Archimede, Via Dei Mille 19, Rome, Italy, 23-24th November 2015

## PROFESSIONAL PROFILE - SYNOPSIS

### Expertise:

F.Carinci is a biostatistician with broad interests in health and social sciences and a focus on pooling different sources of information and using advanced statistical tools to deliver health information for health systems and policy. He has published over forty papers and seventy abstracts in this field.

Specific areas of expertise include: multivariate statistical methods (particularly regression trees) and meta-analysis; Health services research; Outcomes research in relation to specific disease conditions including diabetes, cardiovascular disease and oncology; Health systems performance assessment using Quality and Outcomes indicators, multilevel modelling, population-based health management and policy.

### Biography:

- F.Carinci is a statistical and economical sciences graduate from the University of Bologna in Italy.
- From 1992 to 2000 he worked at the Consorzio Mario Negri Sud, where he collaborated on a range of public health research initiatives, in Italy and internationally, specialising in outcomes research, meta-analysis and health services research.
- In 1997 he was appointed Head of the Unit of Statistics and Information Systems, a research unit dedicated to statistical analysis of health care databases, and Consultant at the Harvard School of Public Health, Centre for Biostatistics in AIDS Research (CBAR), to provide leadership in the use of regression tree analysis in AIDS clinical trials.
- In 2000 he was nominated Director of the Centre for Health Systems Research at the Monash Institute of Health Services Research and established a new program in Health Systems Analysis.
- In 2004 he settled back in Italy, developing an independent research company for the coordination of research projects and consulting for major institutions in the field of health policy.
- In 2010 he joined the Italian National Agency for Regional Health Services (AGENAS), supporting international collaborations in the field of health systems performance evaluation. In this role, he has served at the OECD as a Member of the Bureau of the Health Care Quality Indicators Project and a Member of the Advisory Panel on Health Information Infrastructure.
- In 2015 he has been nominated Professor at the School of Health Sciences, University of Surrey, UK.

### Career Highlights:

- International collaborations in the methodology of regression trees (A.Ciampi, McGill University), meta-analysis of continuous longitudinal data (J.Lachin, George Washington University) and outcomes research (S.Greenfield, Harvard University). Designed and developed RECPAM/SAS (RECURSIVE Partitioning and Amalgamation), a specialised package for generalized regression trees by the RECPAM approach.
- Founded the Unit of Statistics and Information Systems, Institute Mario Negri, Italy; the Centre for Health Systems Research, Monash University, Melbourne, Australia; Serectrix company, Italy.
- Developed systems for the analysis of very large, distributed health databases in Italy and Australia.
- Coordinated the "Document for the Evaluation of Health Determinants and System Strategies" in Regione Umbria, Italy
- Served as a Member of the Research Expert Working Group for the "third pillar", EU FP7 programme on health services research ("Optimizing the delivery of health services to European citizens")
- Conceived and coordinated two major European Public Health Projects funded by DG-SANCO for over 2Mn€, BIRO and EUBIROD, successfully delivering software that has been practically used to perform advanced data analysis of diabetes registers from 19 European countries.
- Co-authored the Tallinn Charter on "Health Systems: Health and Wealth" for WHO Europe
- Served as a Member of the Bureau of the OECD Health Care Quality Indicators Project
- Supported the production of performance indicators at the National Agency for Regional Health Services (AGENAS) and the Italian Ministry of Health
- In 2015 he has joined the Bridge-Health Consortium to support the construction of the EU health information infrastructure.

## PROFESSIONAL PROFILE – DETAILED BIOGRAPHY

F. Carinci started his career at the **Department of Clinical Pharmacology and Epidemiology, Consorzio Mario Negri Sud**, a facility with 50 researchers and 5 units specialised in research on Diabetes/Oncology, Cardiovascular Diseases, Pharmacoepidemiology, Public Health and Health Policy, Statistics and Information Systems.

**Between 1992 and 1997** he was primarily involved with the *design, conduct and analysis of randomised and observational, large multi-centric studies at the national and international level*. He has developed senior expertise in biostatistical methods for randomised controlled trials and observational studies, meta-analysis, sampling strategies, the design and implementation of complex databases, and regulatory issues. In collaboration with international partners, he has extended the applicability of meta-analytical methods to model longitudinal continuous outcomes. He has also developed risk stratification techniques using generalised regression trees and multivariate prediction models. Other activities included the coordination of specialised courses for clinicians and policy makers, and consulting for pharmaceutical companies and scientific associations at the national and international level, particularly in the areas of diabetes and cardiovascular research.

**In 1997** he was invited by the **Centre for Biostatistics in AIDS Research, Harvard School of Public Health, Boston, USA**, to work on the application of regression tree approaches to the analysis of AIDS genetic data.

**From 1997 to 2000** he headed the **Unit of Statistics and Information Systems, Italy**, which he founded with the objective of supporting health services and outcomes research through innovative research in biostatistics and health information systems. The Unit included 2 statisticians and 2 programmers as permanent staff. Achievements included further development of regression tree software, the construction of statistical information systems for the analysis of very large, distributed databases, and scientific support for regional public health observatories, which also involved supervision of Laurea students.

**In late 2000** he joined the Monash Institute of Health Services Research, Faculty of Medicine, Monash University, Melbourne, as Associate Professor of Biostatistics. Since then he has provided support and statistical leadership for projects spanning from pharmaco-economics to medical informatics.

**In 2001** he was nominated Director of the **Centre for Health Systems Research, Melbourne, Australia**, a facility dedicated to the identification of methodological approaches and technological solutions to support health services and population health research.

**Between 2001 and 2003** he was awarded funds in excess of AUD 400,000 as Chief Investigator. Research projects have involved 6 permanent MIHSR staff members, 4 research associates, and 2 PhD students, delivering outcomes for VPAC, Southern Health, Monash University, the ARC and the Commonwealth.

**In 2002**, he has lectured for the subject "health data mining", Master of Epidemiology and Master of Public Health, School of Population Health, University of Melbourne.

**In 2004** he settled back in **Italy**. After a short experience at the **Italian Ministry of Health, Department of Health Planning** as Senior Research officer, he dedicated full time to the development of an independent research business company (Serectrix srl).

Between **2005-2011** he has served as a consultant for various regional, national and international institutions, including the **National Agency for Regional Health Services (AGENAS), the Italian Ministry of Health, the University of Perugia, Regione Abruzzo, Regione Umbria, Italy, the European Commission, DG Research, Brussels (FP7 Public Health) and DG-SANCO, Luxembourg, WHO Europe, Copenhagen, and the Dasman Institute for Research and Treatment of Diabetes, Kuwait.**

He has successfully conceived, submitted and coordinated the European projects BIRO and EUBIROD for Serectrix snc and the University of Perugia, Italy. Both programs have been co-funded by DG-SANCO, European Commission, Belgium. The EUBIROD project merges forces from 21 different organizations from 20 European countries, including partners from the academia and high level policy-makers.

On behalf of the Italian Government, he has drafted in collaboration with an international group coordinated by **WHO Europe** the Tallinn Charter 2008: "Health Systems: Health and Wealth", for which he has presented the Italian Case Study "DVSS" to the Third Preparatory Meeting in Rome in April 2008.

He is currently working as a **Professor and Head of Health System and Policy at the University of Surrey**, and still collaborates with the OECD and the Italian Ministry of Health.

## **MAIN PROJECTS**

**Area of interest:** Health Services Research and Policy, Public Health, Clinical Epidemiology

**Subjects:** Health systems and services research, Prognostic Stratification, Psychosocial Risk Factors, Quality of care, Clinical Decision Making, Randomised Clinical Trials, Evidence-Based Medicine, Disease Management, Social Medicine, Health Economics

### **International comparisons** (OECD)

- *Health Care Quality Indicators, OECD, 2011-today*
- *Italian Health Care Quality Review, 2013-2014*
- *Health Information Infrastructure, OECD, 2012-2014*
- *Medical Practice Variation, OECD, 2013*

### **Regional Health Systems** (Southern Health Australia; AGENAS, Mario Negri, Regione Basilicata, Abruzzo, Molise, Puglia, Toscana, Umbria, Italy)

- *Matrice Project, AGENAS, 2013*
- *Document for the Evaluation of Health Determinants and Systems Strategies (DVSS), Regione Umbria, 2005-2008*
- *GLAD, Regional Health Agency Abruzzo, 2007-2008*
- *Continuity of Care in the Elderly, Regional Health Agency Regione Toscana, 2005*
- *RAMS, Rapid Analysis of Mental Health Services, SHCN, Melbourne, Victoria, Australia, 2002.*
- *OER-P/OER-B Technical and scientific support for the analysis of regional health datasets, Public health observatory Regione Puglia, Basilicata, Italia, 1998-1999.*
- *SPES (Salute Pubblica e Sud): an education+research project to support local health authorities in Southern Italy.*
- *Prevenzione comunitaria dell'Aterosclerosi (ATS), a multilevel survey on population health in Regione Molise (1994-1995).*

### **Diabetes** (University of Perugia, Istituto Mario Negri, Study Group for the St.Vincent Declaration, Italian Diabetologists Association, International Cochrane Initiative, ASL Rovigo, Italy; Monash University, Australia; Dasman Diabetes Institute, Kuwait):

- *European Best Information Through Regional Outcomes in Diabetes (EUBIROD; N=200,000).*
- *Best Information Through Regional Outcomes (BIRO), Commissione Europea (DG-SANCO)*
- *Umbria Regional Diabetes Register, University of Umbria, Italy, 2004-today*
- *Kuwait Electronic Diabetes Register (KEDiR), Dasman Institute, Kuwait, 2009*
- *Multilevel Diabetes Initiative, coordination of a working team for an international linkage of diabetes registers, Monash Prato, Italia, 2002.*
- *Diabetes in Regione Veneto: data analysis ASL Rovigo, 2000*
- *Qualità ed esito in Diabetologia (QuED), longitudinal study 1998-2000.*
- *Acarbose Trial, a RCT on metabolic control, 1995-1996 (N=1,000).*
- *GSADV Study, a multicentric case-control study to investigate the role of risk factors for diabetes complications, 1994-1995 (N=2,500).*
- *Meta-Analysis on the effect of aldose reductase inhibitors from published trials and individual data, 1995*

### **Cerebro-cardiovascular Diseases** (Istituto Mario Negri, ANMCO, Italy; Monash University, Australia):

- *SPHIS Analysis of Stroke Care and Prevention in SE Melbourne, 2001.*
- *Meta-Analysis cholesterol lowering drugs trials.*
- *GISSI2-Psicologia, Italian cohort study to evaluate psychosocial risk factors in AMI, 1989-1992 (N=2,500).*
- *3A, a case-control study to evaluate nutritional risk factors in the Abruzzo Region, 1990-1992 (N=1,500).*

### **Pharmacoeconomics** (Centre for Clinical Effectiveness, Monash University, Australia)

- *Evaluation of Pharmaceutical Benefit Advisory Committee (PBAC) Submissions, Biostatistics Team Leader, Assessment of cost effectiveness of drugs from reports submitted to the Pharmaceutical Benefits Scheme (PBS), Monash University, Australia, 2000.*

### **Oncology** (Istituto Mario Negri, Italy):

- *ONCOFEM, a multicentric study for the evaluation of quality of care and the production of clinical guidelines for female cancer, 1988-1992.*

### **Pediatrics** (Istituto Mario Negri, Italy)

- *Clinical and Health Services Epidemiology of patients with  $\beta$ -thalassemia major (CHCEPT), a survey on the effects of Deferoxamine in patients affected by  $\beta$ -thalassemia major, 1995-1996 (N=700).*

## **MAIN PROJECTS (continued)**

### **Area of interest: Statistics**

**Subjects:** Regression Trees, Meta-Analysis, Multilevel Models, Data Mining, Survival Analysis, Classification, Computer Intensive Methods

#### ***REcpam Information Generation Network (REIGN)***

*Carinci F, Ciampi A. Monash University, 2002-2003*

<http://www.fabcarinci.net/projects/reign>

Development of methods and software for multilevel regression trees according to the RECPAM approach. An open source, specialized Python/SAS package designed and developed for parallel and distributed processing. A project sponsored by the *Victorian Partnership for Advanced Computing (VPAC)*, Melbourne.

In collaboration with A.Ciampi, McGill University (Canada), and B.Gibberd, University of Newcastle (Australia).

#### ***RECPAM/SAS***

*Carinci F, Ciampi A. Mario Negri and Harvard University 1996-1997*

<http://www.fabcarinci.net/projects/recpam>

Software for generalised regression tree analysis according to the RECPAM approach written in SAS language (BASE/Macro Language, STAT, GRAPH, IML, AF). A project supported by *Harvard University*.

In collaboration with A.Ciampi, McGill University (Canada), V.De Gruttola, Harvard University (USA), and A.Nicolucci, Mario Negri (ITALIA).

#### ***METALYZE***

*Carinci F. Mario Negri, 1994-1996*

A collection of macro programs for the meta-analysis of binary, continuous, and longitudinal outcomes from published studies and individual data. Implementation of a system for data-management and statistical analysis based on EPI-INFO and the SAS language. A project supported by *Wyeth Pharmaceuticals*.

In collaboration with J.Lachin, George Washington University (USA).

## **MAIN PROJECTS (continued)**

### **Area of interest: Health Information**

**Subjects:** Health Information Systems, Distributed Processing, Decision Support Systems

#### **BRIDGE HEALTH**

<http://www.bridge-health.eu>, 2015-2017

#### **BIRO Statistical Engine (EUBIROD/BIRO)**

Carinci F, Luca Rossi, 2005-2012

<http://www.eubirod.eu>, <http://www.biro-project.eu>

A workpackage of the BIRO Project for the distributed statistical analysis of quality and outcome indicators. A Public Health Project funded by the European Commission, Health Information Strand, DG-SANCO 2005. In collaboration with Prof. Massi Benedetti, Head of the Regional Reference Centre for Diabetes Care, University of Perugia, Italy and the BIRO Consortium: University of Dundee, Joanneum Research, University of Bergen, Paulescu Institute, University of Malta, and Cyprus Ministry of Health, Europe.

#### **System for the eValuation of Outcomes (SVE)**

Carinci F, L. Rossi, A. Manicketh, N. Falocci, D. Franchini, M. De Giorgi, Regione Umbria, 2006

<http://www.regione.umbria.it>

a system for the evaluation of outcomes of health care based on the use of the regional linked administrative data warehouse, targeted research project funded by Regione Umbria, Italy, 2006 In collaboration with Prof. Massi Benedetti, Head of the Regional Reference Centre for Diabetes Care, University of Perugia, Italy and C. Romagnoli, Head of the Regional Epidemiologic Observatory, Regione Umbria, Italy.

#### **H+METABASE**

Carinci F, Rose W. Monash University, 2002

<http://www.fabcarinci.net/projects/hplus>

an open source database platform to support the development of biostatistical algorithms and the international standardisation of health information systems. A project supported by Monash University, Melbourne. Software developed using Python and SAS. In collaboration with L. Roos, U. Manitoba (CANADA), and T. Churches, NSWHealth (AUSTRALIA).

#### **Southern Population Health Information System (SPHIS)**

Carinci F. Monash University, 2001-2002

<http://www.fabcarinci.net/projects/sphis>

<http://www.fabcarinci.net/projects/rams>

a statistical package written in SAS language (BASE/Macro Language, STAT, GRAPH) for the development of a regional, population-based health information systems. Integrated modules to automate the identification of policy guidelines for stroke and mental health. A project supported by Southern Health Care Network, Melbourne. In collaboration with P. Talman, S. Damodaran, SHCN (AUSTRALIA)

#### **Reporting-by-Intranet Statistical System (RISS)**

Carinci F, Corrado D, Dettorre A, Menna A, Pellegrini F, Mario Negri, 1997-2000

<http://www.fabcarinci.net/projects/riss>

an intranet system for the statistical analysis of regional health databases and the implementation of a regional information network. Development of methods using SAS software. A project supported by SAS Institute, SUN Microsystems, Università di Bari, ASL Rovigo (ITALY). In collaboration with V. Lepore, Università di Bari, and P. Monesi, ASL Rovigo

**TRACK RECORD**

**Funds granted to Fabrizio Carinci as Chief Investigator\*, Coordinator\* or Supervisor\* (otherwise co-applicant), 1995-2015. Table excludes participations to many other research projects 1990-2015**

Year	Grants (EURO)	Duration	Granting Institution	Description
1995	25,000	6 mths	Wyeth-Ayerst Pharmaceuticals	<b>METALYZE</b> Meta-Analysis of Continuous Endpoints
1997	10,000	2 mths	Harvard University	<b>RECPAM/SAS*</b> Generalized Regression Trees for the analysis of AIDS clinical trials
1997	125,000	2 yrs	Regione Basilicata, Italy	<b>OER-B</b> Technical Support to the Public Health Observatory Regione Basilicata.
1997	25,000	1 yr	SAS Institute Italia, Sun Microsystems	<b>RISS*</b> Reporting by Intranet Statistical System
1998	20,000	2 yrs	Universita' di Bari, Regione Puglia, Italy	<b>OER-P*</b> Technical Support to the Public Health Observatory Regione Puglia.
2000	10,000	1 yr	ASL Rovigo, Regione Veneto, Italy	<b>DIABETES ASL ROVIGO*</b>
2001	75,600	1 yr	Southern Health, Australia	<b>SPHIS*</b> Southern Population Health Information System
2002	10,800	1 yr	Monash Small Grants, Australia	<b>H+METABASE*</b> Open source database platform for biostatistical algorithms and health information systems
2002	30,000	1 yr	Victorian Partnership for Advanced Computing (VPAC), Australia	<b>REIGN*</b> RECPAM Information Generation Network (Parallel Regression Trees)
2002	76,100	3 yrs	Australian Research Council (ARC), Australia	<b>ARC-LP0212047</b> A novel Internet-based clinical trial service
2003	30,000	4 mths	Southern Health, Australia	<b>RAMS*</b> Rapid Analysis of Mental health Services
2005	80,000	1 yr	Regione Umbria, Italy	<b>DVSS#</b> Community Care Health Services And Outcomes Evaluation
2005	1,191,100	40 mths	DG-SANCO European Commission	<b>BIRO*</b> Best Information through Regional Outcomes
2006	60,000	1 yr	Regione Umbria, Italy	<b>SVE*</b> System for the eValuation of outcomEs
2008	2,105,100	40 mths	DG-SANCO European Commission	<b>EUBIROD*</b> European Best Information through Regional Outcomes in Diabetes
2015	3,500,000	30 mths	DG-SANCO European Commission	<b>BRIDGE-Health</b>

FULL PAPERS

Total IMPACT FACTOR (JCR Science Edition in the year of publication): 69.866

Total no.papers in international peer reviewed journals: 33

Total no.citations: 818; H-Index: 16

1. **Carinci F, Massi Benedetti M, Klazinga N, Uccioli L.** Lower extremity amputation rates in people with diabetes as an indicator of health systems performance. A critical appraisal of the data collection 2000-2011 by the Organization for Economic Cooperation and Development (OECD), *In press, Acta Diabetologica*, 2016. *IF*: 3.074.
2. **Cunningham SG, Carinci F, Brillante M, Leese GP, McAlpine RR, Azzopardi J, Beck P, Bratina N, Boucquet V, Doggen K, Jarosz-Chobot PK, Jecht M, Lindblad U, Moulton T, Metelko Ž, Nagy A, Olympios G, Pruna S, Skeie S, Storms F, Di Iorio CT and Massi Benedetti M,** Defining a European diabetes data dictionary for clinical audit and healthcare delivery: core standards of the EUBIROD project, *Methods of Information in Medicine*, 2015 Dec 15;55(2). *IF*: 2.248.
3. **Carinci F,** Van Gool K, Mainz J, Veillard JH, Pichora E, Januel JM, Arispe I, Kim SM, and Klazinga NS on behalf of the OECD Health Care Quality Indicators Expert Group, Towards actionable international comparisons of health system performance: expert revision of the OECD framework and quality indicators, *International Journal for Quality in Health Care*, Apr; 27(2):137-46, 2015. *IF*: 1.584
4. **Carinci F,** Essential levels of health information in Europe: an action plan for a coherent and sustainable infrastructure, *Health Policy*, 2015 Apr;119(4):530-8. Nov 28. *IF*: 1.383
5. **Di Iorio CT, Carinci F, Oderkirk J,** Health Research and Systems' Governance are at risk: should the right to data protection override health?, *J Med Ethics*. 2014 Jul;40(7):488-92. *IF*: 1.419
6. **Carinci F, Di Stanislao F, Moirano F, Carle F, Ceccolini C, Bevere F,** OCSE Indicatori internazionali per la valutazione della qualità: il contributo italiano, *Monitor* 2013, Sep (33) 79-91, AGENAS, Roma, Italy, available at: [http://www.agenas.it/agenas\\_pdf/Monitor\\_33.pdf](http://www.agenas.it/agenas_pdf/Monitor_33.pdf)
7. **Di Iorio CT, Carinci F, Brillante M, Azzopardi J, Beck P, Bratina N, Cunningham SG, De Beaufort C, Debacker N, Jarosz-Chobot P, Jecht M, Lindblad U, Moulton T, Metelko Ž, Nagy A, Olympios G, Pruna S, Røder M, Skeie S, Storms F, and Massi Benedetti M,** Cross-border flow of health information: is "privacy by design" enough? Privacy performance assessment in EUBIROD, *Eur J Public Health*. 2013 Apr;23(2):247-53. *IF*: 2.313
8. **Carinci F, Caracci G, Di Stanislao F and Moirano F,** Performance measurement in response to the Tallinn Charter: experiences from the decentralized Italian framework, *Health Policy*. 2012 Mar;104(3):215-21. *IF*: 1.383
9. **Di Stanislao F, Carinci F,** Verso un sistema nazionale di valutazione della qualità dell'assistenza sanitaria, *Monitor*. 2012 Jul (30) 8-21, AGENAS, Roma, Italy, available at: [http://www.agenas.it/agenas\\_pdf/Monitor%2030.pdf](http://www.agenas.it/agenas_pdf/Monitor%2030.pdf)
10. **Carinci F,** Implementation of the Tallinn Charter in the WHO European region: Where is the evidence? A systematic comparison of online information before and after the end of the year of signature, *Health Policy*. 2012 Mar;104(3):215-21. Epub 2012 Jan 17. *IF*: 1.383
11. **Carinci F, Moirano F, Di Stanislao F, Caracci G,** L'esperienza italiana in risposta alla Tallinn Charter. Valutazione della performance, risposta alla crisi finanziaria e leadership multisettoriale per il miglioramento della salute, *Monitor*. 2012 Jan (29)54-73, AGENAS, Roma, Italy, available at: [http://www.agenas.it/agenas\\_pdf/Monitor%2029.pdf](http://www.agenas.it/agenas_pdf/Monitor%2029.pdf)
12. **Carinci F, Di Iorio CT, Ricciardi W, Klazinga N and Verschuuren M,** Revision of the European Data Protection Directive: opportunity or threat for public health monitoring? *Eur J Public Health*.

- 2011 Dec;21(6):684-5. IF: 2.313. Available at:  
<http://eurpub.oxfordjournals.org/content/21/6/684.full.pdf+html>
13. **Pizzolorusso G, Turi P, Barlafante G, Cerritelli F, Renzetti C, Cozzolino V, D'Orazio M, Fusilli P, Carinci F and D'Incecco C**, Effect of Osteopathic Manipulative Treatment on Gastrointestinal Function and Length of Stay of Preterm Infants: an Exploratory Study, *Chiropr Man Therap*. 2011 Jun 28;19(1):15, available at:  
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  14. **Cerritelli F, Carinci F, Pizzolorusso G, Turi P, Renzetti C, Pizzolorusso F, Orlando F, Cozzolino V, Barlafante G**. Osteopathic manipulation as a complementary treatment for the prevention of cardiac complications: 12-Months follow-up of intima media and blood pressure on a cohort affected by hypertension, *J Bodyw Mov Ther*. 2011 Jan;15(1):68-74, available at:  
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  15. **Di Iorio CT, Carinci F, Azzopardi J, Baglioni V, Beck P, Cunningham S, Evripidou A, Leese G, Loevaas KF, Olympios G, Orsini Federici M, Pruna S, Palladino P, Skeie S, Taverner P, Traynor V, Massi Benedetti M**, Privacy impact assessment in the design of transnational public health information systems: the BIRO project, *Journal of Medical Ethics*, Dec;35(12):753-61, 2009. IF: 2.160
  16. **Carinci F**, Il modello GIPSY-RECPAM: un versatile approccio metodologico per l'analisi integrata del paziente cardiologico, *Supplemento di Psicologia Applicata alla Medicina del Lavoro e della Riabilitazione*, Vol. XXXI, n.3, Suppl.B, Luglio-Settembre 2009.
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  18. **Carinci F, Martines S, Di Candia V, Odio C, Di Corcia T, Persico TE, Menna A, Manzoli L, Alessandrini M, Trigliozi M, D'Atri F, Murgano A**, Livelli essenziali di informazione per i Piani di rientro: un programma strategico per la Regione Abruzzo, *MECOSAN, Italian Quarterly of Health Care Management, Economics and Policy*, Anno XVII, n.68: 137-150, October-December 2008.
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  20. **Carinci F, Roti L, Francesconi P, Gini R, Tediosi F, Di Iorio T, Bartolacci S and Buiatti E**, The impact of different rehabilitation strategies after major events in the elderly: the case of stroke and hip fracture in the Tuscany region, *BMC Health Services Research* 2007. IF: 1.630, available at: <http://www.biomedcentral.com/1472-6963/7/95>
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32. **Carinci F, Nicolucci A, Ciampi A, Labbrozzi D, Bettinardi O, Zotti AM, Tognoni G on behalf of the GISSI Investigators**, Role of Interactions between Psychological and Clinical Factors in determining 6-Month Mortality among patients with Acute Myocardial Infarction. Application of recursive partitioning techniques to the GISSI-2 Data-Base, *European Heart Journal*, 18:835-845, 1997. IF: 5.153
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- A comprehensive assessment of the avoidability of long term complications of diabetes mellitus: a case-control study, *Diabetes Care*, 19, 9:927-933, 1996. IF: 5.404
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#### INTERNATIONAL TREATIES

1. **WHO Europe**, The Tallinn Charter: Health Systems for Health and Wealth, Tallinn 2008, available at: [http://www.euro.who.int/\\_\\_data/assets/pdf\\_file/0008/88613/E91438.pdf](http://www.euro.who.int/__data/assets/pdf_file/0008/88613/E91438.pdf)

#### BOOKS (AUTHOR)

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3. **Progetto DVSS**, Individuazione degli indicatori di esito del DVSS, A cura di: Servizio II Programmazione Socio - Sanitaria, dell'assistenza di base ed ospedaliera e Osservatorio Epidemiologico Regionale, Collana: I Volumi. Documento di Valutazione dei Determinanti di Salute e sulle Strategie del SSR, Volume D - Perugia 2006, available at: [www.sanita.regione.umbria.it/resources/Risorse/Volume\\_D\\_Book.pdf](http://www.sanita.regione.umbria.it/resources/Risorse/Volume_D_Book.pdf)
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68. **F. Vitullo, A. Nicolucci, F. Carinci, M. Belfiglio, G. Tognoni**, Health enterprise and health needs: an experimental educational programme for evaluating health care reform in Southern Italy, XVIIth ASPHER General Assembly, London 6-8 September 1995.
69. **A. Tinazzi, F. Carinci, V. Torri**, SAS Macro routines for the monitoring and the analysis of studies requiring prolonged follow-up, Sixteenth Annual Meeting of the Society for Clinical Trials, Seattle, 1995.
70. **A. Nicolucci, F. Carinci, D. Cavaliere, A. Liberati**, The efficacy of aldose reductase inhibitors in the treatment of diabetic peripheral neuropathy: a meta-analysis, Second International Cochrane Colloquium, Hamilton, Ontario, 1994.

71. **Vitullo F., Arboretti R., Carinci F., Marfisi R., Sciulli L., Di Pasquale A., Marchioli R.,** Mediterranean Dietary habits and Cardiovascular Diseases: need for new approach in analysis, XIII National Meeting of the Italian Society for the Study of Haemostasis and Thrombosis, Lanciano, 26-30 June 1994.
72. **Marchioli R., Cavasinni L., Vitullo F., Di Mascio R., Di Pasquale A., Carinci F., Tognoni G.,** Alcohol Consumption and risk of Acute Myocardial Infarction in Central Italy, Proceedings of the 3rd International Conference on Preventive Cardiology, 1993, Oslo, Norway.
73. **Vitullo F., Marchioli R., Carinci F., Cavasinni L., Tognoni G.,** Family History as Predictor of Myocardial Infarction, Unstable Angina and Ischemic Stroke in Italy, Proceedings of the 61st Meeting of the European Atherosclerosis Society, Thrombosis and the Vessel Wall, Highlights '93, Capri 16-19.
74. **Cavaliere D., Belfiglio M., Carinci F., Cubasso D., Labbrozzi D., Mari E., Massi Benedetti M., Scorpiglione N., Tognoni G., Nicolucci A.,** Quality assessment of randomized clinical trials on medical treatment of diabetic neuropathy, Proceedings of the Symposium of EASD on DIABCARE Monitoring & Quality Development in Diabetes Care, Instambul, Turkey, 9-10 September 1993:5.
75. **Nicolucci A., Cavaliere D., Belfiglio M., Carinci F., Mari E., Massi Benedetti M., Pontano C., Scorpiglione N., Tognoni G.,** A case-control study on the risk factors for the development of some long term diabetic complications: design and feasibility, Proceedings of the Symposium of EASD on DIABCARE Monitoring & Quality Development in Diabetes Care, Instambul, Turkey, 9-10 September 1993:6.
76. **Nicolucci A., Carinci F., Cubasso D., Labbrozzi D., Mari E., Scorpiglione N., Liberati A.,** Patterns of care for operable breast cancer in the elderly, Proceedings of the first International Conference on Geriatric Oncology, Buenos Aires, October 28-30, 1992.

#### MAIN ORAL PRESENTATIONS

1. *Amputation rates in diabetes in OECD countries: how does Slovenia compare according to new agreed definitions*, Slovenian Endocrine Society Spring meeting, Kongresni center Rogaška, Slovenia, 19<sup>th</sup> March 2016.
2. *Integrating Clinical Registries and Administrative Data for Evidence-based Health Care Performance evaluation: experiences in EU and OECD projects*, Australian Institute of Health Innovation (AIHI), Macquarie University, Sydney, New South Wales, Australia, 4<sup>th</sup> March 2016.
3. *Health Data Governance: Privacy, monitoring and Research. OECD projects, international debate and implications for research, policy and practice*, Centre for Big Data Research in Health, Faculty of Medicine, University of New South Wales, Sydney, New South Wales, 3<sup>rd</sup> March 2016.
4. *OECD Health Care Quality Indicators and related international projects: methodological advances, new challenges and the future of health statistics*, Australian Health Services Research Institute (AHSRI), Sydney Business School, University of Wollongong, NSW, Australia, 29<sup>th</sup> February 2016.
5. *Integrating Clinical Registries and Administrative Data for Evidence-based Health Care Performance evaluation: experiences in European and OECD projects*, Workshop: "Using clinical audit to support quality improvement", Monash School of Public Health and Preventive Medicine, School of Public Health, Monash University, Alfred Precinct, Melbourne, Victoria, Australia, 26<sup>th</sup> February 2016.
6. *OECD Health Care Quality Indicators and related international projects: methodological advances, new challenges and the future of health statistics*, Monash Centre for Health Economics (CHE), Monash Business School, Melbourne, Victoria, Australia, 25<sup>th</sup> February 2016.
7. *The revised OECD Health Systems Performance Framework: methodological issues and implications for comparative public reporting at a global level*, Bureau of Health Information (BHI), Sydney, New South Wales, Australia, 24<sup>th</sup> February 2016.

8. *The Italian National Health System: institutional infrastructure, organizational models and operating rules. Results achieved and future perspectives.* Chinese-Italian Seminar on International Cooperation in the field of Health, Beijing, China 28<sup>th</sup> January 2016.
9. *Methodological Issues and Societal Challenges in the Distributed Analysis of Health Data: A Research and Policy Agenda*, School of Social and Community Medicine, Data to Knowledge (D2K) Research Group, University of Bristol, Bristol, UK, 4<sup>th</sup> November 2015.
10. *Does a coherent and sustainable European health information infrastructure really matter? Question marks and policy options*, in EUPHA 2015 Workshop: Health information in Europe. Quo vadis? Herman Van Oyen, Coordinator, Bridge Health Consortium, 8<sup>th</sup> European Public Health Conference, 17<sup>th</sup> October 2015 Milan, Italy.
11. *Results of a new methodology to compare diabetes related amputation rates in OECD countries*, 8<sup>th</sup> European Public Health Conference, 16<sup>th</sup> October 2015, Milan, Italy.
12. *"NEO": an open source software for shared analysis of multiple chronic conditions at different levels of governance*, 8<sup>th</sup> European Public Health Conference, 16<sup>th</sup> October 2015, Milan, Italy.
13. *Where Health Management shall meet Evidence-based Medicine: Decentralized Information Infrastructure for Systematic Performance Benchmarking*, Seminar Scuola Superiore Sant'Anna, Pisa, Italy, 12<sup>nd</sup> October 2015
14. *"Livelli essenziali di informazione in Europa per la qualità e la trasparenza"*, Convegno su Assistenza primaria: monitoraggio della qualità e valutazione d'impatto nei progetti Agenas Matrice-Medina-Luna, Sede ENPAM, Via Torino 38, Roma, 11 Maggio 2015.
15. *"Le prospettive sul performance measurement e management nel panorama del sistema sanitario italiano: scenari e priorità di lavoro secondo Agenas"*, Academy of Health Care Management and Economics, Bocconi University, Milan, Italy, 27<sup>th</sup> May 2014.
16. *"Using health information without buying the data. Analysis of quality of care indicators from diabetes registries of 19 European countries"*, Innovations in the measurement of quality of care in Europe, Canadian Institute for Health Information, Toronto, Canada, 26<sup>th</sup> September 2013.
17. *"OECD Project Medical Practice Variation. Country Report: Italy"*, MPV Project Meeting, Paris, France, 25<sup>th</sup> April 2013.  
<http://www.oecd.org/els/health-systems/item4-MPVproject-Italy.pdf>
18. *"Sistema BIRO e Progetto EUBIROD"*, IGEA: dal progetto al sistema. L'integrazione delle cure per le persone con malattie croniche, Istituto Superiore di Sanità, Rome, Italy, 22<sup>nd</sup>-23<sup>rd</sup> April 2013.
19. *"Il Buon Compenso del Diabete nei prossimi 25 anni. Quali scenari e quali sfide a livello globale e nazionale?"*, I Simposio Nazionale sulla Sostenibilità del Buon Compenso del Diabete, Roma, 20<sup>th</sup> June 2012. <http://www.slideshare.net/CampagnaBCD/>
20. *"The EUBIROD Project: A Shared Evidence-based Diabetes Information System for Europe"*, European Commission High Level Conference "EU Health Programmes: results and future perspectives", Brussels, 3<sup>rd</sup> May 2012.
21. *"A Biostatistician's Perspective on the importance of the issues"*, Joint consultation of the OECD Health Care Quality Indicators Expert Group and the Working Party on Information Security and Privacy, Paris, 11<sup>th</sup> May 2012.
22. *"A Shared Evidence-based Diabetes Information System for Europe: results of the EUBIROD project"*, European Diabetes Leadership Forum, Copenhagen, 26<sup>th</sup> April 2012.  
<http://novoedlf.net.dynamicweb-cms.com/Admin/Public/Download.aspx?file=Files%2fFiles%2fFabrizio+Carinci.pdf>
23. *"Dalla ricerca alle politiche sanitarie"*, SAS Campus 2011, Università Bicocca, Milan, Italy, 22<sup>nd</sup> November 2011.  
<http://www.sas.com/offices/europe/italy/eventi/112211/pdf/carinci-politiche-sanitarie.pdf>
24. *"A novel international framework for privacy-enhanced data processing, exchange and pooled analysis of disease registers: the European BIRO/EUBIROD projects"*, Academy Health Annual Research Meeting, Boston, USA, 27<sup>th</sup>-29<sup>th</sup> June 2010.  
<http://www.academyhealth.org/files/2010/tuesday/carincif.pdf>

25. *"La valutazione dei sistemi sanitari a livello internazionale"*, Convegno AIE-Agenas, Roma, Isola Tiberina, 21<sup>st</sup> May 2010.  
[http://www.agenas.it/convegni/AIE\\_AGENAS\\_20\\_21052010/20.%20Carinci%20-%20La%20valutazione%20dei%20sistemi%20sanitari%20a%20livello%20internazionale.pdf](http://www.agenas.it/convegni/AIE_AGENAS_20_21052010/20.%20Carinci%20-%20La%20valutazione%20dei%20sistemi%20sanitari%20a%20livello%20internazionale.pdf)
26. *"Coordinare i registri diabete per la misura degli outcome: il sistema BIRO ed il progetto EUBIROD"*, Changing Diabetes Barometer Forum 2010, Rome, Italy, 26<sup>th</sup> March 2010.  
<http://www.changingdiabetesbarometeritaly.com/pdf/presentazioni-2010/26-marzo/07-sessione/01-Carinci/01.html>
27. *"A novel standard to support information delivery for the fulfilment of IDF policy in Europe: results of the EU DG SANCO funded BIRO project"*, IDF World Diabetes Congress, Montreal, Canada, 21<sup>st</sup> October 2009  
**VIDEO:** <http://conference2.idf.org/idf2009/O-0402/default.aspx>
28. *"BIRO Results"*, Final BIRO Press Conference, Brussels Office of Regione Umbria, Brussels, Belgium, 7<sup>th</sup> May 2009.
29. *"The BIRO Project"*, First BIRO Academy Residential Course, Kuwait City, Kuwait, 2<sup>nd</sup> May 2009  
**VIDEO:** [http://www.eubirod.eu/academy/first\\_course/lectures/BIROProject\\_carinci.html](http://www.eubirod.eu/academy/first_course/lectures/BIROProject_carinci.html)
30. *"Il progetto EUBIROD"*, Changing Diabetes Barometer Forum 2009, Rome, Italy, 2<sup>nd</sup> April 2009  
<http://www.changingdiabetesbarometeritaly.com/forum2009/presentazioni/3aprile/4sessione/26carinci/26.html>
31. *"A new role for the nation: capacity to organize equity of access to care"*, Meeting La régionalisation : quelles conséquences pour les acteurs de santé", Maison de l'Amérique Latine, Paris, France, 13<sup>th</sup> March 2009.
32. *"Performance information: Italian case study"*, WHO Workshop on performance assessment for health systems improvement, WHO 2008 Conference on Health Systems, Tallinn, Estonia, 24<sup>th</sup> June 2008.  
**VIDEO:** <http://www.whoconference2008.org/video/45>
33. *"Document for the Evaluation of Health Determinants and System Strategies" (DVSS): Regione Umbria, Italy, 2005-2007"*, Third preparatory meeting for the WHO European Ministerial Conference on Health Systems: "Health Systems, Health and Wealth", Health systems stewardship/governance, Italian Ministry of Health, Rome, Italy, 3<sup>rd</sup> –4<sup>th</sup> April 2008
34. *"Role of evaluator in FP7 Public Health Research"*, European Public Health Research in Action - Information Day Brussels, Brussels, Belgium, 25<sup>th</sup> April 2007.
35. *"The role of the BIRO project in the implementation of the Diabetes EU Policy recommendations"*, European Task Force on Major Chronic Diseases, DG-SANCO, Luxembourg, 13<sup>rd</sup> December 2006.  
[http://ec.europa.eu/health/ph\\_information/implement/wp/morbidity/docs/ev\\_20061213\\_co09\\_en.pdf](http://ec.europa.eu/health/ph_information/implement/wp/morbidity/docs/ev_20061213_co09_en.pdf)
36. *"E-health, e-pidemiology, e-governance"*, e-government & e-health, International Conference and Exhibition, Desio (MI), Italy, 9<sup>th</sup>-10<sup>th</sup> July 2004.
37. *"From Research to Implementation: the challenge of international disease registers and data exchange, Predictive, Forward Thinking Workshop on Emerging Infectious Diseases"*, organized by the Joint EU-US Task Force on Biotechnology Research, Brussels, Belgium, 21<sup>st</sup>-22<sup>nd</sup> June 2004.
38. *"A Unified Model for Information Delivery in Health Care"*, 1<sup>st</sup> MDI Workshop, Prato, Italy, 28<sup>th</sup> June 2002.
39. *"Towards a new generation of health information systems: prototypes for a shared multilevel infrastructure"*, CMIS Talkfest, CSIRO, Canberra, Australia, 24<sup>th</sup> May 2002.  
<http://www.fabcarinci.net/slides/csiro23052002.pps>

40. "Generalised regression trees by the RECPAM approach: principles and applications in health care", CMA Advanced Computational Seminar, Australian National University, Canberra, Australia, 24<sup>th</sup> May 2002.  
<http://www.fabcarinci.net/slides/anu23052002.pps>
41. "Southern Population Health Information System (SPHIS): application of a general model to monitor outcomes within and across regional areas", Department of Health and Aged Care, Canberra, Australia, 23<sup>rd</sup> May 2002.  
<http://www.fabcarinci.net/slides/csiro23052002.pps>
42. "Regression Tree Analysis", Monash Institute of Health Services Research, Clayton, Victoria, Australia, 29<sup>th</sup> October 2001. [http://www.fabcarinci.net/slides/Recpam\\_MIHSR291001.pdf](http://www.fabcarinci.net/slides/Recpam_MIHSR291001.pdf)
43. "Data mining techniques for outcomes research: the RECPAM approach", 2001 Annual Conference, Australasian Epidemiological Association, Sydney, Australia, 25<sup>th</sup> September 2001.  
<http://www.fabcarinci.net/slides/VicAEA2001.pdf>
44. "Exploring adherence to clinical guidelines: application of regression tree analysis in diabetes", Proceedings of the 4th International Conference on the Scientific Basis of Health Services Research, Sydney, New South Wales, Australia, 23<sup>rd</sup> September 2001.  
[http://www.fabcarinci.net/slides/Adherence\\_ICSBHS2001.pdf](http://www.fabcarinci.net/slides/Adherence_ICSBHS2001.pdf)
45. "A multilevel approach to health systems analysis using RISS (Reporting-by-Intranet Statistical System)", Proceedings of the 4th International Conference on the Scientific Basis of Health Services Research, Sydney, New South Wales, Australia, 22<sup>nd</sup> September 2001.  
[http://www.fabcarinci.net/slides/AMultilevel\\_ICSBHS2001.pdf](http://www.fabcarinci.net/slides/AMultilevel_ICSBHS2001.pdf)
46. "Using different sources of Information and statistical tools for Health Systems Analysis", Quality Use of Pathology Tests in General Practice Workshop, Sydney, Australia, 31<sup>st</sup> August 2001.  
<http://www.fabcarinci.net/slides/QUP-GP2001.pdf>
47. "Regression trees in health services and outcomes research: the RECURSIVE Partitioning and Amalgamation (RECPAM) approach", Health Data Mining Seminar organized by the Epidemiology Branch, NSW Health, Sydney, New South Wales, Australia, 25<sup>th</sup> May 2001,  
<http://www.fabcarinci.net/slides/EpiSig2001.pdf>
48. "RISS: Reporting-by-Intranet Statistical System, An open software for the development of research networks", Victorian Chapter of the Australasian Epidemiological Association, Melbourne, Victoria, Australia, 21<sup>st</sup> March 2001.  
<http://www.fabcarinci.net/slides/VicAEA2001.pdf>
49. "Multilevel Statistical Tools for Health Systems Analysis. Concepts and lessons from a practical experience", Acute Care Division, Victorian Department of Human Services, Melbourne, Victoria, Australia, 7<sup>th</sup> March 2001. <http://www.fabcarinci.net/slides/VicDHS2001.pdf>
50. "Linking Population Based Research & Health Policy through Statistical Information Systems: from Theory to Application", Monash Institute of Public Health, Clayton, Victoria, Australia, 17<sup>th</sup> November 2000. <http://www.fabcarinci.net/slides/miph2000.pdf>
51. "RISS-H, Reporting-by-Intranet Statistical System", Meeting Nazionale per la Statistica ed i Sistemi Informativi Sanitari, ISTAT, Rome, Italy, 2<sup>nd</sup> May 2000.
52. "Razionale di un sistema di analisi: schede di dimissione ospedaliera della ASL Rovigo 1997-1999", Meeting regionale sulla Ricerca sui Servizi Sanitari nel Diabete, Rovigo, Italy, 30<sup>th</sup> March 2000.
53. "Statistical tools and information systems to link population-based research and health policy. Some theoretical considerations with applications". Dept. Public Health, University of Western Australia, Perth, Western Australia, 15<sup>th</sup> July 1999.  
[http://www.fabcarinci.net/slides/perth1999/perth99\\_1.html](http://www.fabcarinci.net/slides/perth1999/perth99_1.html)
54. "Validazione del questionario QUED sulla qualità della cura: implicazioni metodologiche e risultati", Primo QUED Investigator Meeting, Sorrento, Italy, 10th April 1999.

55. "Shared Health Information System: technology and collaborative competition towards a more 'balanced' market of health services", X Conference of the International Association of Health Policy, Perugia, Italy, 24<sup>th</sup> September 1998.
56. "Information Systems, Statistics, Epidemiology for a measurable equity in public health: the case of diabetes as an example of evaluation of the impact of socio-economic factors on quality of care", X Conference of the International Association of Health Policy, Perugia, Italy, 24<sup>th</sup> September 1998.
57. "Predittori della qualità della cura in una popolazione diabetica", Bologna, Italy, 15<sup>th</sup> June 1998.
58. "Dalla analisi dei dati ospedalieri all'osservatorio epidemiologico: opportunità e rischi per il sistema sanitario regionale", Ospedale Civile, Pescara, Italy, 5<sup>th</sup> July 1996.
59. "Un nuovo approccio statistico per la stratificazione dei pazienti, l'analisi delle interazioni tra fattori di rischio e la stima per effetti principali: l'approccio RECPAM", Workshop sull'Epidemiologia del Diabete in Italia, Amalfi, Italy, 16<sup>th</sup> March 1995.
60. "Analisi statistica dei Fattori Prognostici, XI Congresso Nazionale di Citometria, Orvieto, Italy, 10<sup>th</sup> November 1994.
61. "Impatto dei Fattori Psicologici sulla mortalità a 6 mesi in pazienti con infarto miocardico acuto", Congresso Annuale della Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO), Firenze, Italy, 9<sup>th</sup> May 1994.
62. "Stratificazione prognostica dei pazienti infartuati attraverso le partizioni ricorsive: applicazioni e risultati dell'uso dell'approccio RECPAM. Parte I: GISSI-Psicologia: l'impatto dei fattori prognostici sulla mortalità a 6 mesi tra pazienti con infarto miocardico acuto; Parte II: Recursive Partitioning Analysis", Istituto Mario Negri, Milano, Italy, 9<sup>th</sup> March 1994.

#### TEACHING

1. **Carinci F**, *Quantitative research*, Module on Research for Professional Practice (NUR3225), CPD in Health and Social Care, Level 7 (15 credits), University of Surrey, Guildford, Surrey, 8<sup>th</sup> March 2016.
2. **Carinci F**, *Exploring the challenges of modern healthcare provision*, Module on Transforming Services for Quality (HCR3008), CPD in Health and Social Care, Level 7 (15 credits), University of Surrey, Guildford, Surrey, 30<sup>th</sup> September 2015.
3. **Carinci F**, Le valutazioni di efficacia ed appropriatezza, Corso di Perfezionamento in Economia e Organizzazione dei servizi Sanitari, Facoltà di Economia, Università D'Annunzio, Pescara, Italy, 6<sup>th</sup> November 2015.
4. **Carinci F, Jones S, De Lusignan S**. *Healthcare modelling: Making research questions policy-relevant: planning impact through national and international comparisons*, University Global Partnerships Network Doctoral Seminar 2015, University of Surrey, Guildford, Surrey, UK, 20-22<sup>th</sup> July 2015.
5. **Carinci F**, *Putting policy into practice: measurement for quality improvement*, Module on Innovating Clinical Practice (NURM121), CPD in Health and Social Care, Level 7 (15 credits), University of Surrey, Guildford, Surrey, 7<sup>th</sup> May 2015.
6. **Carinci F**, L'evidence based medicine: da quali fonti possiamo trarre indicazioni utili per una pratica clinica efficace ed appropriata, Corso Avanzato di Management dei Sistemi Sanitari – Percorso in Management dell'Assistenza Territoriale, Facoltà di Economia, Università D'Annunzio, Pescara, Italy, 25<sup>th</sup> January 2013.
7. **Carinci F**, Decentralised Health System Performance Assessment. The Italian Experience, Performance Assessment for Health System Improvement: Uses and Abuses, European Observatory Summer School 2012, San Servolo, Venice, Italy, 26<sup>th</sup> July 2012.

8. **Carinci F**, L'evidence based medicine: da quali fonti possiamo trarre indicazioni utili per una pratica clinica efficace ed appropriata, Corso Avanzato di Management dei Sistemi Sanitari – Percorso in Management in Medicina Generale 2011, Facoltà di Economia, Università D'Annunzio, Pescara, Italy, 13<sup>th</sup> January 2012.
9. **Carinci F**, L'evidence based medicine: da quali fonti possiamo trarre indicazioni utili per una pratica clinica efficace ed appropriata, Corso Avanzato di Management dei Sistemi Sanitari – Percorso in Management in Medicina Generale 2010, Facoltà di Economia, Università D'Annunzio, Pescara, Italy, 19<sup>th</sup> November 2010.
10. **Carinci F**, Universal Coverage in Health Systems: the Italian National Health System, Course on Social Health Insurance, ILO International Training Centre, Torino, Italy, 18<sup>th</sup> March 2010.
11. **Carinci F**, Analisi e gestione dei dati. Flussi informativi, basi dati, analisi, gestione ed interpretazione dei dati clinico sanitari, prevenzione e analisi degli errori, Corso di Perfezionamento in Risk Management, Facoltà di Economia, Università d'Annunzio, Pescara, Italy, 4<sup>th</sup> December 2009.
12. **Carinci F**, Italian Health System, Course on Social Health Insurance, ILO International Training Centre, Torino, Italy, 19<sup>th</sup> March 2009.
13. **Carinci F**, Analisi e gestione dei dati: flussi informativi e basi dati, analisi, gestione ed interpretazione dei dati clinico sanitari. Prevenzione e analisi degli errori: tipologie di errore, metodologie di analisi dell'errore ed approccio sistemico alla sicurezza, High Level Course in Clinical Risk Management, Facoltà di Economia, Università d'Annunzio, Pescara, Italy, 12<sup>th</sup> September 2008.
14. **Carinci F**, Italian Health System, Course on Social Health Insurance, ILO International Training Centre, Torino, Italy, 13<sup>th</sup> March 2008.
15. **Carinci F**, Sistemi operativi gestionali e Clinical Governance: la valutazione degli Esiti, Corso di Formazione Manageriale. Il Governo Clinico nelle Strutture Complesse delle Aziende Sanitarie dell'Umbria, Scuola Regionale di Sanità, Villa Umbra, Perugia, Italy, 2006-2007.
16. **Carinci F**, Analisi dei Dati per la Programmazione Sanitaria, Corso di Formazione Manageriale per il personale dirigente di ruolo sanitario, Fondazione “Università G.d'Annunzio”, CEDUC, Torrecchia Teatina (CH), Italy, 2005-2006.
17. **Carinci F**, Subject: Health Systems Research, Corso di Perfezionamento in Economia e Organizzazione dei Servizi Sanitari Territoriali a.a. 2004/2005, Università D'Annunzio, Pescara, Italy, 2005. [http://www.unich.it/offerta/perfez2004/H\\_S\\_RESEARCH\\_HAN.pdf](http://www.unich.it/offerta/perfez2004/H_S_RESEARCH_HAN.pdf)
18. **Carinci F**, Subject: Data mining in health, Advanced data analysis, Master of Public Health, University of Melbourne, Australia, September-October 2002. [http://www.fabcarinci.net/teaching/FabrizioCarinci\\_teaching.html](http://www.fabcarinci.net/teaching/FabrizioCarinci_teaching.html)
19. **Carinci F**, Subject: Health services organization and quality control, Mediterranean summer school on telemedicine and medical informatics, Palermo, Italy, 13<sup>rd</sup>-30<sup>th</sup> June 2002. [http://www.fabcarinci.net/teaching/FabrizioCarinci\\_teaching.html](http://www.fabcarinci.net/teaching/FabrizioCarinci_teaching.html)
20. **Carinci F**, **Procopio N**, Metodi statistici per la valutazione dei sistemi sanitari, Lezione Corso Patologia Generale, Università D'Annunzio, Chieti, Italy, 1999.
21. **Nicolucci A**, **Carinci F**, **Belfiglio M**, **Scorpiglione N**, Ricerca in Epidemiologia Clinica in Nefrologia, Corso di aggiornamento Associazione per lo studio e la prevenzione della nefropatia, Divisione di Nefrologia, Ospedale di S. Severo, S. Severo (FG), Italy, 14<sup>th</sup>-16<sup>th</sup> April 1998.
22. **Carinci F**, Regression Trees by the RECPAM approach: Applications, Lecture, Biostatistics PhD Course, Department of Biostatistics, Harvard School of Public Health, Boston, MA, USA, 2<sup>nd</sup> December 1997.
23. **Carinci F**, Regression Trees by Recursive Partitioning and Amalgamation: the RECPAM approach, Lecture, Biostatistics PhD Course, Department of Biostatistics, Harvard School of

Public Health, Boston, MA, USA, 7<sup>th</sup> November 1997.

[http://www.fabcarinci.net/slides/hsph97/hsph97\\_1.html](http://www.fabcarinci.net/slides/hsph97/hsph97_1.html)

24. **Carinci F, Nicolucci A**, Looking for treatment effect through advanced meta-analytical techniques: the case of aldose reductase inhibitors, Workshop, 4th International Cochrane Meeting, Adelaide, Australia, 21<sup>th</sup> October 1996,  
[http://www.fabcarinci.net/slides/cochrane97/cochrane97\\_1.html](http://www.fabcarinci.net/slides/cochrane97/cochrane97_1.html)
25. **Carinci F**, Metodi statistici per la metanalisi degli Endpoint Continui, Corso Breve, 2° Cochrane Meeting Italiano, Bologna, Italy, 12<sup>th</sup> October 1996.
26. **Marchioli R, Carinci F, Nicolucci A, Vitullo F**, L'epidemiologia in cardiologia, Corso ANMCO, Cosenza, Italy, 19<sup>th</sup> January 1996.
27. **Carinci F, Arboretti R, Vitullo F**, Strumenti statistici ed epidemiologici per la gestione dei dati nel nuovo sistema sanitario, Corso di specializzazione SPES (Salute Pubblica e Sud), Consorzio Mario Negri Sud, Lanciano, Italy, 18<sup>th</sup> -20<sup>th</sup> December 1995.
28. **Vitullo F, Nicolucci A, Belfiglio M, Carinci F, Marchioli R**, DRG e qualità della cura, Corso di aggiornamento sulla Riforma Sanitaria, Ospedale Civile, Foggia, Italy, Maggio-Giugno 1995.
29. **Carinci F**, Metodi statistici per la metanalisi, Corso Breve, 1° Cochrane Meeting Italiano, Istituto Mario Negri, Milan, Italy, 28<sup>th</sup> June 1994.
30. **Nicolucci A, Carinci F, Belfiglio M, Scorpiglione N, Labbrozzi D, Cavaliere D**, Ricerca Clinica in Nefrologia, Metodologia e Statistica, Corso di aggiornamento Associazione per lo Studio e la prevenzione della nefropatia, Divisione di Nefrologia, Ospedale di S. Severo, S. Severo (FG), Italy, 14-16<sup>th</sup> February 1994.

#### PROFESSIONAL TRAINING COURSES ATTENDED

1. **Hilbe J., Johnston G.**, Discrete Response Regression Models: Handling Overdispersed and Correlated Health Data, 1995 International Conference on Health Policy Research, Massachusetts General Hospital, Boston, Massachusetts, 3<sup>rd</sup> December 1995.
2. **Berlin J.**, An Introduction to Statistical Methods for Meta-Analysis, 2nd International Cochrane Colloquium, Hamilton, Ontario, Canada, 1<sup>st</sup> October 1994.
3. **A. Ciampi**, Metodi statistici nella valutazione dei fattori prognostici nella analisi della sopravvivenza, Istituto di Statistica Medica e Biometria, Facoltà di Medicina e Chirurgia, Università degli studi di Milano, Milan, Italy, 7<sup>th</sup>-11<sup>th</sup> June 1993.
4. **A. Marubini, S. Valsecchi et al.**, Analisi della sopravvivenza e sperimentazioni cliniche controllate, 4-8<sup>th</sup> May 1992.

#### SOFTWARE

1. **NEO** (Carinci, Gualdi), EUPL, The Matrice Project, AGENAS, 2013-2014
2. **BIRO Statistical and Central Engines** (Carinci, Rossi) GPL, BIRO/EUBIROD Consortia, 2009-2012  
<http://www.biro-project.eu>, <http://www.eubirod.eu>
3. **SVE** (Carinci, Rossi, Manickel, Falocci, Franchini, De Giorgi), GPL, Regione Umbria, 2006
4. **H+METABASE** (Carinci, Rose), GPL, Monash University, 2002  
<http://www.fabcarinci.net/software/hplus>
5. **SPHIS** (Carinci, Talman), GPL, Monash University, 2001-2002  
<http://www.fabcarinci.net/software/sphis>  
<http://www.fabcarinci.net/software/rams>
6. **RECPAM INFORMATION GENERATION NETWORK (REIGN)**  
(Carinci), GPL, Monash University, 2002-2003  
<http://www.fabcarinci.net/software/reign>
7. **RECPAM/SAS** (Carinci, Ciampi), Mario Negri and Harvard University 1996-1997

<http://www.fabcarinci.net/software/recpam>

8. **RISS** (*Carinci, Corrado, Dettorre, Menna, Pellegrini*), Consorzio Mario Negri Sud, 1997-2000

<http://www.fabcarinci.net/software/riss>

9. **METALYZE** (*Carinci*), Consorzio Mario Negri Sud, 1994-1996

<http://mihsr.med.monash.edu.au/intranet/chsr/FabrizioCarinci/StatBoneWeb/software/metalyze.html>