

PERSONAL INFORMATION

First name: **Giovanni**

Last name: **Improta**

Nationality: *Italian*

Date of birth: 26/06/1975

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SUMMARY OF THE ACADEMIC CAREER

Current academic position

Researcher (fixed-term type B) in Electronic and Information BioEngineering at the Dept. of Public Health of the School of Medicine and Surgery of the University of Naples "Federico II" and teacher of the course "*Management and Automation of Health Organizations*" for the Master's Degree Program in Biomedical Engineering at the Dept. of Electrical Engineering and Information Technologies (DIETI) of the University of Naples "Federico II".

Short bio

Giovanni Improta, born in Naples on 26 August 1975, holds two Master's degrees and three PhD degrees in the fields of bioengineering and healthcare management.

He obtained his Master's degrees at the University of Naples "Federico II": (1) in Management Engineering, on May 2005, with a thesis titled "*Ideation and design of a Virtual community: the case of a website at the service of university students*"; (2) in Biomedical Engineering, on October 2017, with a thesis titled "*The application of Lean Six Sigma methodology to reduce the risk of Healthcare-Associated Infections in departments of University Hospital*".

In 2011, he obtained the Ph.D. in "Economics and Management of Companies and Health Organizations" at the Dept. of Public Health of the University of Naples "Federico II" discussing the thesis entitled "*The HTA (Health Technology Assessment) for the management of biomedical equipment of a Hospital Company: reallocation, donation to developing countries, conception and design of a virtual community*".

From 2011 onwards, his research activity focused on the analysis and processing of biomedical data and signals, and in the 2015 he obtained the Ph.D. in "Bioengineering" at the University of Bologna "Alma Mater Studiorum" discussing the thesis entitled "*Symbolic Dynamics Analysis: a new methodology for fetal heart rate variability analysis*".

In 2017, he obtained the Ph.D. in "Industrial Products and Processes Engineering" at the Dept. of Chemical Engineering of Materials and Industrial Production of the University of Naples "Federico II", discussing the thesis entitled "*Dynamic Analytic Hierarchy Process: a new approach to technology assessment to support healthcare processes*".

He was also a research fellow at the Department of Public Health of the University of Naples "Federico II" from 2010 to ongoing, where he had the opportunity to participate in national and international research projects and to collaborate with companies operating in the public health and biomedical sector.

His research activities are oriented to the management and re-engineering of health processes through the implementation of engineering tools and the development of simulation models and multi-criteria decision making systems as well as the analysis, processing and management of biomedical data and signals.

He participated in several national and international conferences and is the author of numerous scientific publications.

EDUCATION

- 2017-2018 **II Level Master in “Assessment and management of healthcare technologies and services”**
University of Milan “Bicocca”
Thesis title: Lean approach for the management of emergency departments.
- 2015-2017 **Master’s degree in Biomedical Engineering**
Università degli Studi di Napoli Federico II
Grade: 110/110 with honour
Tesi: The application of lean six sigma methodology to reduce the risk of healthcare-associated infections in departments of university hospital.
- 2014-2017 **PhD degree in “Product and Process Engineering”**
University of Naples “Federico II”
Dept. of Chemical, Materials and Industrial Production Engineering
Thesis: Dynamic Analytic Hierarchy Process: a new approach to technology assessment to support healthcare processes.
- 2011-2015 **PhD degree in Bioengineering**
University of Bologna “Alma Mater”
Dept. of Electrical and Information Engineering “Guglielmo Marconi”
Thesis: Symbolic Dynamics Analysis: a new methodology for foetal heart rate variability analysis.
- 2007-2010 **PhD degree in Management of healthcare organizations**
University of Naples “Federico II”
Dept. of Preventive Medical Sciences
Thesis: HTA (Health Technology Assessment) for the management of the biomedical equipment of a hospital: reallocation, donation to developing countries, conception and design of a virtual community.
- 2006-2007 **Advanced Master in “Finance, Administration and Management control”**
Business School “Il Sole 24 ORE”
Via Monte Rosa, 91, Milan, Italy
- 2000-2005 **Master’s degree in Management Engineering**
University of Naples “Federico II”
Thesis: Concept and design of a virtual community: the case of a website serving university students.
- 1988-1993 **High school degree**
Scientific High School “P. Calamandrei”, Naples, Italy

ACADEMIC ACTIVITIES

- 7/02/2020-ongoing **Member of the Management Board** of the Interdepartmental Centre for Research in Health Management and Innovation in Healthcare (CIRMIS)
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health
- 27/12/2017-ongoing **Teacher** of the "Management and Automation of Healthcare Organization" course for the Master's Degree Program in Biomedical Engineering
University of Naples "Federico II"
Dept. of Electric Engineering and Information Technology (DIETI)
- 27/12/2017-ongoing **Teacher** of the "Elaboration of Biomedical signals and data" course for the Master's Degree Program in Biomedical Engineering
University of Naples "Federico II"
Dept. of Electric Engineering and Information Technology (DIETI)
- 27/12/2017-ongoing **Teacher** of the "Electronic and Information Bioengineering" course for the Master's Degree Program in Biomedical Engineering
University of Naples "Federico II"
Dept. of Electric Engineering and Information Technology (DIETI)
- 27/12/2017-ongoing **Teacher** of the "AFP - Hygiene and Territorial Medicine" course for the Master's Degree Program in Biomedical Engineering
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health
- 23/11/2019 **Teacher (2 hours)** of the Advance Course in "Management and Governance of the consortia and analysis laboratories"
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health
"Module of Healthcare Information Technology - Telemedicine e its applications"
- 8-22/06/2019 **Teacher (4 hours)** of the Advance Course in "Management and Governance of the consortia and analysis laboratories" University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health
"Module of application of informatica in medicine - Electronic Medical Record" "Module of application of informatics in medicine - Electronic Health Record"
- 9-29/05/2019 **Teacher (10 hours)** for the Master's Degree in Biomedical Laboratory Techniques
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health
- 2011-ongoing **Seminar activities** for the course of "Management and Automation of Healthcare Systems and Clinical Engineering" - Master's Degree Program in Biomedical Engineering at University of Naples "Federico II":
 - from 01/03/2011 to 07/04/2011-**24 hours**- academic year 2011-2012
 - from 01/03/2012 to 10/03/2012-**24 hours**- academic year 2012-2013
 - from 01/03/2013 to 05/04/2013-**24 hours**- academic year 2013-2014

- from 04/03/2014 to 11/04/2014 - **24 hours** - academic year 2014-2015
- from 03/03/2015 to 10/04/2015 - **24 hours** - academic year 2015-2016
- from 01/03/2016 to 07/04/2016 - **24 hours** - academic year 2016-2017
- from 02/03/2017 to 11/04/2017 - **24 hours** - academic year 2017-2018
- from 07/03/2018 to 16/04/2018 - **24 hours** - academic year 2018-2019

2011-ongoing **Seminar activities** for the Master in "Healthcare Management" at University of Naples "Federico II":

- from 10/10/2011 to 28/10/2011 - **15 hours** - academic year 2011-2012
- from 01/10/2012 to 17/12/2012 - **15 hours** - academic year 2012-2013
- from 01/10/2013 to 16/12/2013 - **15 hours** - academic year 2013-2014
- from 01/10/2014 to 18/12/2014 - **15 hours** - academic year 2014-2015
- from 01/10/2015 to 17/12/2015 - **15 hours** - academic year 2015-2016
- from 03/10/2016 to 15/12/2016 - **15 hours** - academic year 2016-2017
- from 10/10/2017 to 14/12/2017 - **15 hours** - academic year 2017-2018
- from 09/10/2018 to 13/12/2018 - **15 hours** - academic year 2018-2019

2014-ongoing **Supervisor and tutor** for several PhD projects and theses.

RESEARCH ACTIVITIES AT NATIONAL AND INTERNATIONAL ACADEMIC INSTITUTIONS

14/10/2021-ongoing **Researcher** (fixed-term type B) of Electronic and Information Bioengineering

University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

27/12/2017-13/10/2021 **Researcher** (fixed-term type A) of Electronic and Information Bioengineering

University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/08/2017-27/12/2017 **Research fellow** (italian law 240/2010)

University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/08/2016-31/07/2017 **Research fellow** (italian law 240/2010)

University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/08/2014-31/07/2016 **Research fellow** (italian law 240/2010)

University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/08/2012-31/07/2014 **Research fellow** (italian law 240/2010)
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/08/2010-01/08/2012 **Research fellow** (italian law 240/2010)
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

01/07/2014-31/12/2014 **Visiting researcher at Temple University (USA)**
Temple University, Philadelphia, PA, USA Center for Biotechnology

01/12/2012-30/06/2013 **Research collaboration with University of Ghent (Belgium)**
University of Ghent, Belgium
Department of Hepatobiliary Surgery and Transplants

05/11/2007-04/11/2008 **Scholarship - research in innovative materiale and production processes**
University of Naples "Federico II"
Regional Center of Competence on Transport / Aerospace Engineering Department

26/05/2006-25/05/2007 **Scholarship - operator of product and process innovation in SMEs**
University of Naples "Federico II"
Regional Center of Expertise on New Technologies for Productive Activities

RESEARCH AND INOVATION PROJECT

01/10/2018-ongoing **Participation in the research project (CO.S.A)**
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

Creation of a structured business intelligence platform to allow the collection of Big Data from heterogeneous data sources substantially linked to health, environmental and socio-economic information.

Project title: *CO.S.A: Health Environment Correlation*
Funded by: POR FESR CAMPANIA 2014/2020- O.S. 1.1
Financial value: € 622.455,49

01/10/2018-ongoing **Participation in the research project (D.A.TE.K.)**
University of Naples "Federico II"
School of Medicine and Surgery - Dept. of Public Health

Application of structured reporting software in the DICOM area and implementation of processing algorithms for the analysis of diagnostic imaging studies.

Project title: *D.A.TE.K.: Diagnostics Aided by Territorial Knowledge*

Funded by: POR FESR CAMPANIA 2014/2020- O.S. 1.1

Financial value: € 422.720,72

02/05/2018-ongoing **Participation in the research project (TablHealth)**

University of Naples "Federico II"

School of Medicine and Surgery - Dept. of Public Health

Creation of an integrated platform for the provision of advanced e-Health services based on the collection, processing and management of large amounts of data on the clinical status of patients.

Project title: *TablHealth*

Funded by: DM 1 GIUGNO 2016 "Grandi Progetti R&S - PON 2014/2020"

Financial value: € 256.306,33

01/01/2017-ongoing **Participation in the research project (BASE LINE)**

University of Naples "Federico II"

School of Medicine and Surgery - Dept. of Public Health

Define a highly performing and innovative architectural platform designed to support healthcare professionals involved in the treatment processes of patients with chronic diseases, with particular reference to chronic kidney disease (MRC).

Project title: "*BASE LINE: Big Data and Health on the net for chronic diseases*" Funded by: National Operational Program "Enterprise and Competitiveness" 2014

2020 ERDF Axis 1, action 1.1.3

Financial value: € 1.209.587,50

31/12/2015-30/03/2017 **Participation in the research project (EHEALTHNET)**

Università degli Studi di Napoli Federico II

School of Medicine and Surgery - Dept. of Public Health

Coordination of project activities on behalf of the Public Health Department of Federico II of Naples; Project delivery and drafting; Collection and analysis of scientific research data.

Project title: "*EHEALTHNET: SOFTWARE ECOSYSTEM FOR ELECTRONIC HEALTH*"

Funded by: PON03PE_00128_1-D.D. prot. 1099 DEL 202/05/2015 Financial value: €

11.119.701,5

2015-2016 **Collaboration in the international research project with University of Manchester (UK)**

Collaboration with the University of Manchester (UK).

Project title: "*Developing and optimizing 3D structures with tailored morphology, mechanical and biological properties for tissue engineering applications, as well as the measures to prevent disease, promote health, and prolong life among the population as a whole.*"

01/12/2014-31/12/2015 **Participation in the research project (5PS)**

Università degli Studi di Napoli Federico II

School of Medicine and Surgery - Dept. of Public Health

Realization of a platform for the management of the Emergency Room from the organizational and administrative-sanitary point of view; Coordination of project activities on behalf of the Department of Public Health of the Federico II of Naples.

Project title: "5PS: First Aid Patient Preferential Path Platform"

Funded by: Interventions in favor of SMEs and Research Organizations - Innovation Desk referred to in D.D. n.1 of 05/02/2014

Financial value: € 853.008,00

01/10/2012-01/06/2013 **Participation in the international research project (Healthcare Spread - Evaluation of European healthcare systems)**

Ghent University Hospital Medical School, Belgium

Department of Hepatobiliary Surgery and Liver Transplantation

OTHER PROFESSIONAL ACTIVITIES

15/01/2020-ongoing **Consultant**

in the context of the agreement between the Department of Public Health of the School of Medicine and Surgery of the University of Naples Federico II and the University Hospital of San Giovanni di Dio and Ruggi d'Aragona (Decision n.23 of 15/01/2020)

Activities:

- *Development of organisational models aimed at increasing the efficiency of operational processes, through the analysis of existing processes and, more specifically, of the issues covered by the SDO/DRG flow, the Emur flow, the NSIS platform, acceptance and hospitalization management and PP.SS., the 2018 DCA38 application*

2018-2019

University consultant (financial value: € 30.000)

as part of the agreement between the Dept. of Electrical Engineering and Information Technologies (DIETI) of the University of Naples "Federico II" and the company SENE A srls

Activities:

- *"Ideation and design of a sensing platform for the monitoring of chemical-physical pollutants and human health in indoor environments"*
- *"Building-Health Information Modeling: integrated platform between human health and buildings"*

22/11/2019-ongoing **Member of the working group of the Programma Mattone Internazionale Salute (Pro.M.I.S.) "Innovative approaches to the integration of health services"**

Local Health Unit ASL Napoli 1 Centro

Update composition of the working group for participation in the works of the Pro. M.I.S. (Programma Mattone Internazionale Salute)

- As per Resolution n.51 of 22/11/2019

20/11/2019-ongoing **Person in charge** for Research, Design and Development of appropriate procedures suitable for providing the most adequate hospital and territorial assistance

Local Health Unit ASL Napoli 1 Centro and Dept. of Public Health of the University of Naples "Federico II"

- As per Protocol of the Dept. of Public Health of the University of Naples "Federico II" - Prot. 2019/0119305 of 20/11/2019

20/11/2019-ongoing **Teacher at FormezPA**

FormezPA

- **Lecturer** for the following training courses:
 - o **"Management training course as per art. 15 and 16 quinquies of the D. Lgs. 31 December 1992 n. 502"**. *HEALTH INDICATORS: Group of Indicators from 7 to 11 LEA Grid and Group of Indicators from 15 to 19 LEA Grid. From 12 to 14 November 2019.*
 - o **"Managerial Training Course for Corporate Healthcare Directors and Directors of Complex Organizational Units of Companies and Organizational Units of the Regional Health Service - XI-XII-XIII-XIV EDITION".** *HEALTH INDICATORS: Group of Indicators from 7 to 11 LEA" Evaluations of hospital activities and "HEALTH INDICATORS: Group of Indicators from 15 to 19 LEA". From 4 to 6 February.*
 - o **"Managerial Training Course for Corporate Healthcare Directors and Directors of Complex Organizational Units of Companies and Organizational Units of the Regional Health Service - XI-XII-XIII-XIV EDITION".** *"The main results of a valid evaluation tool to support clinical and organizational audit programs - the National Outcomes Programme (PNE) - 2018 edition. February 20th.*

10/11/2019-ongoing **Person in charge of data processing and storage** at the Order of Engineers of the province of Naples

Order of Engineers of the province of Naples

18/09/2019-ongoing **Member of the working group** as part of the agreement between Local Health Unit ASL Napoli 1 Centro and the Dept. of Public Health of the University of Naples Federico II

Local Health Unit ASL Napoli 1 Centro

Research, design and development of appropriate procedures suitable for providing the most adequate hospital and territorial assistance

- As per General Protocol of the Local Health Unit ASL Napoli 1 Centro
- Prot. 108 of 18/09/2019

20/05/2019-ongoing **Member of the working group** of the *Programma Mattone Internazionale Salute (Pro.M.I.S.)* - Support to the health management

Local Health Unit ASL Napoli 1 Centro

Implementation of the *Programma Mattone Internazionale Salute (Pro.M.I.S.)*

- As per General Protocol of the Local Health Unit ASL Napoli 1 Centro
- Prot. 0045388/u of 20/05/2019

12/03/2019-ongoing **Support to the Health Department of the Local Health Unit ASL Napoli 1 Centro**

As part of the agreement between the Dept. of Public Health of the University of Naples "Federico II" and the Local Health Unit ASL Napoli 1 Centro
Implementation of organizational models aimed at providing health services to guarantee essential levels of assistance

- As per Resolution n.116 of 12/03/2019 (Local Health Unit ASL Napoli 1 Centro)
- As per Protocol n. 0031184 of 10.04.2019 (Dept. of Public Health of the University of Naples "Federico II")
- As per Protocol n. 0042131 of 19.04.2019 (Dept. of Public Health of the University of Naples "Federico II")
- As per Resolution n.131 of 24/04/2019 (Local Health Unit ASL Napoli 1 Centro)
- As per Resolution of the special commissioner n.539 of 31/05/2019 (Local Health Unit ASL Napoli 1 Centro)

2016-ongoing **Reviewer for the following journals:**

- International Journal of Environmental Research and Public Health
- Computers in Biology and Medicine
- BMC Health Services Research
- PLOS ONE
- Medicine
- Journal of Evaluation in Clinical Practice
- BMC Emergency Medicine
- Journal of Healthcare Engineering
- International Quarterly of Community Health Education
- Editorial Office The European Journal of Health Economics
- Journal of Patient Experience

19/09/2013 **Visiting researcher as coordinator of the project "Healthcare Spread"**

Meeting with the Top Management and the Directors of the Complex Structures of the I.R.C.C.S. "S. Maugeri" of Telese (Benevento, Italy)

19/09/2013 **Visiting researcher as coordinator of the project "Healthcare Spread"**

Meeting with the Top Management and the Directors of the Complex Structures of the Hospital of Sant Agata dei Goti and Local Health Unit of Benevento, (Benevento, Italy)

25/07/2013 **Visiting researcher as coordinator of the project "Healthcare Spread"**

Meeting with the Top Management and the Directors of the Complex Structures of the Hospitals: "S. Arsenio" of Polla (Salerno, Italy), "Civile" of Roccamadride (Salerno, Italy), "S.Luca" of Vallo della Lucania (Salerno, Italy)

- 05/07/2013 **Visiting researcher as coordinator of the project “Healthcare Spread”**
Meeting with the Top Management and the Directors of the Complex Structures of the Nursing homes: “Salus” of Battipaglia (Salerno, Italy) and “Tortorella” (Salerno, Italy)
- 05/07/2013 **Visiting researcher as coordinator of the project “Healthcare Spread”**
Meeting with the Top Management and the Directors of the Complex Structures of the Nursing homes: “Salus” of Battipaglia (Salerno, Italy) and “Tortorella” (Salerno, Italy)
- 25-26/04/2013 **Visiting researcher as coordinator of the project “Healthcare Spread”**
University Hospital of Ghent, Belgium
- 25-26/04/2013 **Visiting researcher as coordinator of the project “Healthcare Spread”**
European Parliament (Bruxelles, Belgium)
European funding for research
- 08/04/2013 **Visiting researcher as coordinator of the project “Healthcare Spread”**
Meeting with the Top Management and the Directors of the Complex Structures of the I.R.C.C.S. Neuromed of Pozzilli (Molise, Italy)
- 11/11/2012 **Visiting researcher as coordinator of the project “Healthcare Spread”**
European Parliament (Bruxelles, Belgium)
European funding for research
- 10/11/2012 **Visiting researcher as coordinator of the project “Healthcare Spread”**
Meeting with the Top Management and the Directors of the Complex Structures of the University Hospital of Huy (Belgium) and of Mons (Belgium)
- 2012 **Management Consulting for Training Courses**
Hospital Medical School in Campania, Italy
- 29-30/09/2011 **Supervisor of the congress organization and Faculty member**
For the S.I.A.I.S. - Italian Society of Architects and Healthcare Engineers IV National Congress S.I.A.I.S. *Healthcare and Federalism: “future of the technical areas and renewed commitment to ethics”*
- 29-30/09/2011-01/10/2011 **Supervisor of the congress organization and Faculty member**
For the S.I.A.I.S. - Italian Society of Architects and Healthcare Engineers I V National Congress S.I.A.I.S. *Healthcare and Federalism: “future of the technical areas and renewed*
- 30/09/2011 **Chairman**
For the S.I.A.I.S. - Italian Society of Architects and Healthcare Engineers
“Management systems BS OHSAS 18001:2007” - IV National Congress
- 29/09/2011-01/10/2011 **Jury member**
For the R.I.T.A. award (Research, Technological Innovation, Technique and Applicability):
“The III millennium pediatric hospital: children are not patients”
- 01/04/2009-01/08/2010 **Public Administration Consulting: Hospital A.O.R.N. “A. Cardarelli” of Naples**
For the company Engineering S.p.A.
Support to the U.O.S.C. G.A.T.P.I. (Management of the Technical and Maintenance Activities, Real Estate and Inventory) of the Hospital A.O.R.N. “A. Cardarelli” of Naples

- 28/05/2010 **Participation in the: Conference Expo Sanità - Conference "A.N.M.D.O. in support of the environment"**
Bologna
- 19-22/05/2010 **Participation in the: XXXVI A.N.M.D.O. Congress "Designing and Building the Future"**
Naples
- 22-23/04/2010 **Participation in the: I FORUM National S.I.A.I.S. "The professional culture in the network, experiences to collect in common"**
San Donato Milanese
- December 2009 **Teaching assignment (20 hours)**
For the General Prosecutor of the Republic of Naples and Health Department of the Campania Region
First Training Course with the title: "Legislative Decree 81/2008 and Supervision in the workplace", addressed to the staff of the Local Health Units staff of the Campania Region, which carries out surveillance activities in the workplace
Dates: 9/10/11/14/15 December 2009
At: Palazzo Tiempo - Centro Direzionale (isola E5) - Naples, Italy
Topics: Work at height - Protection systems against falls from a height - Excavations and foundations - Demolitions
- 29-30/10/2009 **Participation in the: XIV Annual Conference A.I.E.S. 2009 "Performance Evaluation in Healthcare"**
Economics Department - Bergamo
- 15-17/10/2009 **Participation in the: XI National Conference of Public Health S.It.I**
Naples
"Prevention and Public Health: organizational models and good practices"
- 18/09/2008-17/03/2009 **Public Administration Consulting: Local Health Unit ASL Napoli 5**
For the company Engineering S.p.A.
Planning, Programming and Control support of the Local Health Unit ASL Napoli 5 (Castellammare di Stabia - Naples, Italy)
- 01/07/2006-01/05/2007 **Consulting: foreign commercial sector**
For the company Double B - Via Garibaldi, 41 - 80029 S. Antimo (Naples, Italy) Regional Center of Expertise on New Technologies for Productive Activities Activities: Business planning
- 01/07/2006-01/05/2007 **Project Manager**
For the company Co. Na. Te. Co. SpA - Via Cosenz Enrico 13, 80142 (Naples, Italy)
Activities: Management of maritime freight

PROFESSIONAL TITLES

- 26/06/2019-ongoing **Lead Editor** for the Special Issue “Computational Decision-Making Tools for Healthcare”
- Journal name: **Journal of Healthcare Engineering**
 - Special Issue page: <https://www.hindawi.com/journals/jhe/si/491838/>
- 24/06/2019-ongoing **Guest Editor** for the Special Issue “Mathematical Models, Machine Learning and Data Mining for Health and Disease”
- Journal name: **Mathematical Biosciences and Engineering**
 - Special Issue page: <https://www.aimspress.com/newsinfo/1449.html>
- 16/05/2019-ongoing **Reviewer Board member** for the journal “International Journal of Environmental Research and Public Health”
- Member of the Reviewer Board of the following Scopus indexed journal:
- Journal name: International Journal of Environmental Research and Public Health
 - Homepage: <https://www.mdpi.com/journal/ijerph>
 - Reviewer Board: https://www.mdpi.com/journal/ijerph/submission_reviewers
 - ISSN: 1661-7827 (Print); 1660-4601 (Online)
- 03/01/2020-ongoing **Academic Editor** for the journal “Journal of Healthcare Engineering” Member of the Editorial Board as Academic Editor of the following Scopus indexed journal:
- Journal name: Journal of Healthcare Engineering
 - Homepage: <https://www.hindawi.com/journals/jhe/>
 - Editorial Board: <https://www.hindawi.com/journals/jhe/editors/>
 - ISSN: 2040-2295 (Print); 2040-2309 (Online)
- 27/05/2019 **Recognized reviewer** for the journal “BMC Health Services Research”
- 25/04/2019 **Recognized reviewer** for the journal “Journal of Evaluation in Clinical Practice”
- 26/03/2019 **Recognized reviewer** for the journal “PLOS ONE”
- 04/12/2018-ongoing **Scientific Expert** for the Ministry of Education, University and Research (MIUR)
- Registered in the REPRISE (Register of Scientific Experts established at MIUR) for the following sections:
- Basic research
 - Competitive industrial research and for social development
 - Dissemination of scientific culture
- Attività:
- Dicembre 2018 - Gennaio 2019: designato come Referee per la valutazione scientifica di progetti di ricerca nell'ambito del bando *Progetti di ricerca di Rilevante Interesse Nazionale (PRIN) 2017*
- 20/09/2018-ongoing **Co-founder and member of the Scientific Committee** of the *Società Italiana Sanità Pubblica e Digitale, SISPeD*
- Viale Antonio Gramsci, n.11 - Naples, Italy (www.sisped.it/)
- Training activities recognized for obtaining "ECM" credits;
 - Elaboration and diffusion of guidelines and diagnostic-therapeutic paths;
 - Promotion of innovation and quality of assistance;
 - Access to European funding.

11/07/2018-ongoing	Expert for the National Agency for Regional Health Services (AGENAS) Registered in the Register of AGENAS experts, collaborators and researchers for the thematic area Area 4. "Clinical / Organizational / Epidemiological / Social"
11/07/2018-ongoing	Expert for the National Agency for Regional Health Services (AGENAS) Registered in the AGENAS Register of Experts, Collaborators and Researchers for the thematic area Area 1. "Economic / Legal"
08/04/2018	Recognized reviewer for the journal "MEDICINE"
11/01/2018-ongoing	Coordinator Coordinator of the Coordination Group of Ordinary Commissions of Biomedical Engineering
11/07/2017	Elsevier recognized reviewer for the journal "COMPUTERS IN BIOLOGY AND MEDICINE"
21/05/2010-ongoing	Commission secretary of the "Health Engineers commission" - Order of Engineers of the province of Naples
2009	Member of the Scientific Secretariat For the S.I.A.I.S. - Italian Society of Architects and Healthcare Engineers
2008-ongoing	Honorary Fellow as expert in the field of "Organization and Health Automation" and "Organization and Automation of Health Systems" University of Naples "Federico II" Dept. of Electronic Biomedical and Telecommunication Engineering
09/05/2007	Registered as qualified professional Engineer (section A) Order of Engineers of the province of Naples ID number: 18057
June 2006	Qualification to the profession of Engineer

PERSONAL SKILLS AND COMPETENCES

	Listening	Reading	Interaction	Speaking	Writing
Italian	Mother tongue		Mother tongue		Mother tongue
English (Wall Street Institute)	Intermediate B1	Intermediate B1	Intermediate B1	Intermediate B1	Intermediate B1
French (Grenoble: Institut Français de Naples)	Advanced C1	Advanced C1	Advanced C1	Advanced C1	Advanced C1

Communication skills Good ability to work with others, to speak in public, give and ask information clearly and precisely, ability to integrate with the group.

Management skills Good ability to operate in an organization, excellent ability to organize projects, excellent ability to organize groups.

Professional competences Great flexibility and positive attitude towards change, remarkable ambition and risk taking, excellent perseverance, punctuality, reliability and sense of responsibility, great intuition, problem solving skills, aptitude for learning, leadership skills and managerial and decision-making skills, remarkable critical skills, self-control, stress resistance, will.

PUBLICATIONS AND SCIENTIFIC CONTRIBUTIONS

	Document	Citations	h-index
Scopus	136	3070	38
Google Scholar	180	3724	38

*updated to May 10, 2023

PATENT

Title	Device with method for monitoring, managing and preventing the risk of chronic polypathological patients
Number:	102017000068324
Authors:	Improta G , Santini S, Abate V, Russo M A, Valente A S, Triassi M
Year of filing:	2017
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Signature
