

**CURRICULUM VITAE**

Date and Place of Birth:

**Giovanni Landoni**November 27<sup>th</sup> 1971, Milan, Italy

Citizenship:

Italian

**Education:**1990-1996 (October 16<sup>th</sup>)

Medical Degree

Milan University, Italy

**Postdoctoral training:**1996-2000 (November 9<sup>th</sup>)

Anesthesiology and Intensive Care

Milan University, Italy

**Faculty Accademic****Appointments**

2022 (September 1st) -- present

Full Professor, Vita-Salute San Raffaele University, Milan, Italy

Internationalization Commission (since 2021)

Global Health Committee (since 2021)

2013 (October 1<sup>st</sup>) – 2022  
(August 30<sup>th</sup>)

Associate Professor, Vita-Salute San Raffaele University, Milan, Italy

2004 (January 30<sup>th</sup>) --  
2013 (September 30<sup>th</sup>)Assistant Professor – Professore a Contratto  
(Anesthesiology and Intensive Care)

Vita-Salute San Raffaele University, Milan, Italy

2012 -- 2013

Assistant Professor – Professore a Contratto

(Pharmacology and Anesthesiology in Dentistry)

Vita-Salute San Raffaele University, Milan, Italy

**Chronology of Employment**2020 (February 3<sup>rd</sup>) – present**San Raffaele Scientific Institute, Milan, Italy**

Director Center for Intensive Care and Anesthesiology (CARE)

2020 (February 3<sup>rd</sup>) – present

Member of the Executive Committee of the Cardio Center

2006 (May 1<sup>st</sup>) -- 2019

Head of Research, Anesthesia and Intensive Care Department

2009 -- 2012

H1N1 ECMO team

2000 (October 19<sup>th</sup>) -- present

Intensive Care Specialist and Anesthesiologist. Performed approximately 1100 locoregional anesthesia, 4450 sedations and 3120 general anesthesia (general surgery, urology, orthopedics, gynecology, obstetrics, eye surgery, neurosurgery, emergency surgery, thoracic surgery, vascular surgery and cardiac surgery). Managed approximately 850 critically ill patients in the emergency department or in the main wards and 10300 in the intensive care unit

**EACTA (European Association of Cardiothoracic Anaesthesiology)**

2012-2017	Italian member of the Representative Council of EACTA (European Association of Cardiothoracic Anaesthesiology)
2015-2023	Director of local fellowship program
2009 (November) – 2012 (March)	<b>AIFA (the Italian Food and Drug Administration)</b> Member of the Technical Scientific Committee (CTS)
1998 -- 2000	Medical Doctor (Intensive Care, Paediatrics, and Pneumology) St. Mary's Hospital Lacor, Gulu, Uganda AISPO Fondazione San Raffaele del Monte Tabor
1997	Registered as Medical Doctor in Bergamo, Italy, (15/7/1997 n°5421) and transferred to Milan (24/3/2006 n°39805)
1993 -- 2022	Board of Directors (including President 2003-2004, Vice President 2012-2018) of Project for People ONLUS <a href="http://www.projectforpeople.org">www.projectforpeople.org</a> (formerly known as “Associazione Progetto Calcutta” and “Kolkata Project”)

### Stages

2012	Simulation Based Medical Education (Italian Society of Simulation in Health Care). Bologna, Italy
2008	Echocardiography, Pisa, Italy
2004, 2001	Basic Life Support, B.L.S. (European Resuscitation Council)
2002, 1998, 1993	Pediatrics, Intensive Care and Tropical Medicine: Indian Institute for Mother and Child, Kolkata, India
2002	Advanced Life Support, A.L.S. (European Resuscitation Council)
1998	Pneumology and T.B. Dept., San Francisco, California, U.S.
1998	Advanced Trauma Life Support, A.T.L.S. (San Raffaele Scientific Institute, Milan, Italy)
1996 -- 1997	Speaking in Public, Milan municipality, Italy
1995 -- 1996	Anesthesiology San Raffaele Scientific Institute, Milan, Italy
1993 -- 1995	Internal Medicine San Raffaele Scientific Institute, Milan, Italy
1992	Physiology Department, Badajoz, Spain
1991	Molecular Biology, Rotterdam, The Netherlands

### Extra Curriculum

1995	Third position International Championship of Mathematics, Lombardia, Italy
1995 -- 1997	Project Coordinator “I.F.M.S.A.” (International Federation of Medical Students' Association)
1994 -- 1996	Collaboration with Unicef-Italia

1994 -- 1996 President and Treasurer S.I.S.M. (Segretariato Italiano Studenti Medicina) Milan, Italy

1991 -- 1993 Volunteer for “Voce Amica” after a 3-months specific training in Psychology

Honors and Positions

**Reviewed 1209 papers for international journals between January 2005 and 2023**

**Member of the Editorial Board**

2022 **Frontiers in Anesthesiology: Specialty Chief Editor for Cardiothoracic Anesthesiology**

2020 -- **Contemporary Clinical Trials**

2020 -- General Reanimatology

2019 -- Minerva Cardioangiologica

2019 -- Brazilian Journal of Anesthesiology

2016 -- Circulation Pathology and Cardiac surgery

2015 -- Annals of Cardiac Anesthesia

2012 – 2015 Egyptian Journal of Cardiothoracic Anesthesia

2011 -- 2017 **BMC Anesthesiology (Section Editor for Perioperative Medicine and Outcome 2013-2015 Associate Editor 2015-2017). Reviewer in 2018**

2011 – 2016 **PLOS One (Academic editor). Reviewer till 2021**

2009 – 2015 Heart, Lung and Vessels (formerly “HSR Proceedings in Intensive Care and Cardiovascular Anesthesia”). Associate editor since 2012

2009 – 2010 Minerva Anesthesiologica

2008 -- SIGNA VITAE (Section Editor for Intensive Care since 2021)

**2005 -- J Cardiothoracic and Vascular Anesthesia (Section editor for review articles since 2012)**

**Ad hoc Reviewer**

2023 “Chest”

2023 “BMC Infectious Diseases”

2022 **“Nature Medicine”**

2022 **“European Heart Journal”**

2022 “European Journal of Pharmacology”

2022 “Ebiomedicine”

2022 “Future Virology”

2022 “Microbial Risk Analysis”

2021 “European Journal of Internal Medicine”

2021	“Expert Opinion On Drug Safety”
2021	“International Journal of Cardiology Heart & Vasculature
2021	“American Journal of Cardiovascular Drugs”
2021	“European Radiology”
2021	“Science Progress”
2021	“Current Medical Science”
2021	“Journal of Clinical and Translational Research”
2020-2022	<b>“Anesthesiology”</b>
2020-2021	<b>“Nature Communications”</b>
2020	<b>“Lancet Infectious Disease”</b>
2020	<b>“Lancet Global Health”</b>
2020-2021	“Acta Bio Medica Atenei Parmense”
2020	<b>“Clinical Infectious Disease”</b>
2019	<b>“American Journal of Respiratory and Critical Care Medicine”</b>
2019-2020	“ESC Heart Failure”
2019	“EClinicalMedicine” (Published by the Lancet)
2018	“Journal of Cardiovascular Pharmacology and Therapeutics”
2018	“Systematic Reviews”
2017	<b>“Journal of the American College of Cardiology - JACC”</b>
2017-2018	<b>“International Journal of Cardiology”</b>
2017-2018	“European Journal of Clinical Pharmacology”
2017	“International Journal of Medical Sciences”
2017	“Interactive Cardiovascular and Thoracic Surgery”
2017	“Blood Purification”
2016-2022	<b>“Anesthesia and Analgesia”</b>
2016	“Journal of Intensive Care Medicine”
2016	“Cochrane Heart Group”
2016	“Medical Principles and Practice”
2015 -- 2020	<b>“The Lancet Respiratory Medicine”</b>
2015	“Canadian Journal of Cardiology”
2015	“Annals of Epidemiology”
2015	“Vascular Health and Risk Management”
2015	“Renal Failure”
2014 -- 2019	<b>“The New England Journal of Medicine”</b>
2014 -- 2015	<b>“JAMA”</b>
2014 -- 2021	<b>“Critical Care”</b>

2014 -- 2019	<b>“American Heart Journal”</b>
2014 -- 2021	“Critical Care and Resuscitation”
2014 -- 2022	“Annals of Intensive Care”
2014	“European Journal of Medical Research”
2014	“Pharmacological Research”
2014	“Pharmacoepidemiology and Drug Safety”
2014	“Journal of Cardiothoracic Surgery”
2014	“Egyptian Journal of Anaesthesia”
2013 -- 2015	<b>“The Lancet”</b>
2013 -- 2019	<b>“British Medical Journal”</b>
2013	<b>“Annals of Surgery”</b>
2013 -- 2018	<b>“European Journal of Cardio-Thoracic Surgery”</b>
2013 -- 2014	“Irish Journal of Medical Science”
2013	“Acta Obstetricia et Gynecologica Scandinavica”
2013	“Journal of Cardiovascular System”
2013	“International Journal of Surgery Case Reports”
2013	“Saudi Medical Journal”
2012 -- 2018	<b>“Acta Anaesthesiologica Scandinavica”</b>
2012	<b>“Annals of Thoracic Surgery”</b>
2012 -- 2023	<b>“BMJ open”</b>
2012	“Medical Gas Research”
2011	“Sultan Qaboos University Medical Journal”
2011 -- 2012	“Saudi Journal of Anaesthesia”
2011	“Recent Patents on Cardiovascular Drug Discovery”
2011	“Future Cardiology”
2011	“Acta Anesthesiologica Belgica”
2011	“Physiological Research”
2010 -- 2021	<b>“Critical Care Medicine”</b>
2010 -- 2023	<b>“Intensive Care Medicine”</b>
2010	“European Urology”
2010 -- 2011	“Drugs”
2010 -- 2018	“Journal of Critical Care”
2010	“European Journal of Surgery”
2010	“Journal of Cardiovascular Surgery”
2010	“Clinical Anatomy”
2010	“Giornale Italiano di Cardiologia”
2010 -- 2021	“American Journal of Cardiovascular Drugs”

2009 -- 2013	<b>“Annals of Internal Medicine”</b>
2009 -- 2013	“Nephrology”
2009	“Current Hypertension Reviews”
2008 -- 2009	<b>“Circulation”</b>
2008 -- 2014	<b>“British Journal of Anaesthesia”</b>
2008 -- 2015	“Nephrology, Dialysis, Transplantation”
2008 -- 2009	“Therapeutic Advances in Cardiovascular Disease”
2008 -- 2022	“Journal of Clinical Anesthesia”
2008 -- 2009	“Medical Science Monitor”
2008 -- 2015	“Annals of Cardiac Anesthesia”
2008 -- 2016	“American Journal of Case Reports”
2008	“The Anatolian Journal of Cardiology”
2007 -- 2017	<b>“European Journal of Anaesthesiology”</b>
2007 -- 2010	“Pediatric Nephrology”
2007 -- 2010	“Minerva Anesthesiologica”
2006 -- 2019	“BMC Cardiovascular Disorders”
2005 -- 2014	<b>“American Journal of Cardiology”</b>
2014	<b>Referee:</b> Cleveland Clinic Lerner College of Medicine (CCLCM) of Case Western Reserve University
2011 -- 2013	<b>Reviewer:</b> Oxford University Press
2005 -- 2012	<b>Rater:</b> “McMaster PLUS, PIER, bmj updates and the Evidence-Based Journals”
2011-2020	<b>Supervisor</b> or co-supervisor of 52 thesis (medical school degree or master degree, or nurse school)
	<b>Examiner for PhD</b>
2019	Daniele Linardi, Verona University, Verona, Italy
2016	Sumeet Reddy, Victoria University of Wellington, Wellington, New Zealand
	<b>External Reviewer for Funding Agencies</b>
2017 -- 2018	UK National Institute for Academic Anesthesia
2017	French Intensive Care Society (FICS-SRLF)
2014	Italian Ministry of Education, University and Research – MIUR.
2014 -- 2018	Czech Health Research Council established by Ministry of Health of the Czech Republic
2012	German Federal Ministry of Education and Research

2012 South Africa's National Research Foundation (NRF)

2012 -- 2014 Italian Food and Drug Administration

2010 -- 2017 Swiss National Science Foundation

2008 -- 2009 European Union Grants (IMI first call stage 1 and 2). Brussels, Belgium. September 9<sup>th</sup> 2008; February 23<sup>rd</sup> 2009

2009 Czech Science Foundation the major public grant agency in the Czech Republic

2002 -- present **Published 644 scientific papers in indexed journals** (total impact factor >1860, Hindex Scopus 70, Hindex Scholar = 91 cited >17,000 times in journals). Also published 5 books, 23 book chapters, and 261 abstracts

2002 -- present Participated to 47 Randomized Controlled Studies

2004 -- present Lectured 211 lessons in national (n=61) and international (n=115) (Australia, Austria, Belgium, Brazil, China, Colombia, Croatia, Denmark, Germany, Iceland, Japan, Kazakhstan, India, Israel, Lebanon, Malaysia, Poland, Portugal, Russia, Serbia, Spain, South Africa, South Korea, Switzerland, Sweden, United Kingdom and USA) congresses

**2006 – present As Head of Research of the Department of Anesthesia and Intensive Care of San Raffaele Scientific Institute, he participated to ideation, writing and implementation of 20 projects that received grants from the Ministry of Health, the Italian Food and Drug Administration, regional governments or scientific societies and attracted 13 further trials supported by grants from abroad**

**2022 Prof Landoni was Chief Investigator in successfully completed international multicenter randomized clinical trials that randomized > 10,000 critically ill or perioperative patients over the last 10 years**

2022 Professor for the following Specializing Schools of Vita-Salute San Raffaele University: Anesthesia and Intensive Care, Emergency Medicine, Gastroenterology, Cardiac Surgery, General Surgery, Thoracic Surgery, Vascular Surgery, Emergency Medicine, Neurosurgery, Ophthalmology, Otorhinolaryngology, Urology

2022 He is among the most prolific publishing medical doctors worldwide in the field of “intensive care” and in the field of “anesthesia” according to the database Scopus. He’s also member of the Top Italian Scientists of the VIA-Academy <https://topitalianscientists.org/top-italian-scientists>. He’s ranked 342 in Italy and 10,213 in the world among the most cited medical scientists by Top Medicine University Ranking | Research.com

- 2023** Grant PNRR 2022 (980,000 Euro financed by the European Union) as Principal Investigator: “A new portable device for PRE-hospital non-invasive VENTilatory support in acute respiratory failure (PREVENT)” code PNRR-POC-2022-12376704
- 2022** Grant from Fondazione Cariplo as co-PI of “Long-term COVID in Regione Lombardia” (PI Prof Alessandro Rambaldi, 149,484 Euro). Rif 2021-4497
- 2020** Grant from the Italian Ministry of Health as co-PI of the “Clinical and biological characterization of patients with COVID-19” (PI Prof Fabio Ciceri, 715,301 Euro). Project code COVID-2020-12371617
- 2020** Grant from the Canadian Institutes of Health Research as a co-applicant of the “VISION Cardiac Surgery – ECG Evaluation Sub-Study” (534,839 Canadian Dollars PI Drs. Richard Whitlock and Emilie Belley-Côté, McMaster University)
- 2020** Grant from the European Commission H2020 Programme, call H2020-ICT-2020-2 (euro 3,044,437), as co-applicant of the project “ARTERY - Autonomous Robotics for Transcatheter dELiveRy sYstems” (Local PI Prof Alberto Zangrillo)
- 2019 - present** Visiting Professor Sechenov First Moscow State Medical University (from June 6<sup>th</sup> 2019)
- 2019-** Technical Consultant (CTU) of the Court of Milan
- 2019-2021** Head of the SIAARTI (Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva) Clinical Research Committee
- 2019-** Member of the Cardio-oncology group of the Italian Scientific Cardiovascular Network
- 2019** Grant from the Italian Ministry of Health (450,000 Euro) as co-Principal Investigator of the “Acute Normovolemic Hemodilution in High Risk Cardiac Surgery Patients. A multicenter, Randomized Trial” RF 2018-12366749 (ANH)
- 2019** Grant from the Canadian Institutes of Health Research as a co-applicant of the “Minimizing perioperative bleeding and hypotension to reduce postoperative delirium and cognitive decline after noncardiac surgery: the cogPOISE-3 randomized controlled trial” (PI Maura Marcucci, McMaster University) 447,526 Canadian Dollars
- 2019** Grant from the Canadian Institutes of Health Research as a co-applicant of the “Colchicine for the prevention of perioperative atrial fibrillation (COP-AF) trial” (PI David Conen) 1,981,350 Canadian Dollars

2019	<b>Grant from Baxter Healthcare Corporation as study coordinator of the clinical trial “PROTection - Intravenous amino acid therapy for kidney protection in cardiac surgery: a multi-centre randomized blinded placebo controlled clinical trial”</b>
2018	Best Clinical Research Paper 2017 Award. San Raffaele Hospital Scientific Retreat. Baveno, Italy, March 16 <sup>th</sup> -18 <sup>th</sup> 2018 Landoni G et al N Engl J Med. 2017 <a href="https://www.ncbi.nlm.nih.gov/pubmed/28320259">https://www.ncbi.nlm.nih.gov/pubmed/28320259</a>
2018	<b>Grant from the Italian Ministry of Health (434,000 Euro) as Principal Investigator of the “Intravenous amino acid therapy for kidney protection in cardiac surgery: a multi-centre randomised blinded placebo controlled clinical trial - PROTection” trial RF-2016-02363260</b>
2018	Grant from the ANZIC Research Centre, as National Principal Investigator of the “Targeted therapeutic mild hypercapnia after resuscitated cardiac arrest: A phase III multi-centre randomised controlled trial - TAME Cardiac Arrest” trial
2018	<b>Grant from Roche Foundation (50,000 Euro) as co-applicant for the project “CIAO Comunicare In Autonomia Ora” to improve the communication with mechanically ventilated ICU patients</b>
2018-2019	Visiting Professor, Università Campus Bio-Medico, Rome, Italy
2017	Grant from Population Health Research Institute (PHRI), as National Principal Investigator of the HIP fracture Accelerated surgical TreatMent And Care track (HIP ATTACK), an international randomized trial
2017-2021	Included among the 100,000 most-cited authors worldwide of the year (across all scientific fields and based on the ranking of a composite indicator that considers six citation metrics) according to PLOS biology
2016	Grant from the Alfred Hospital, Melbourne, Australia as National Principal Investigator of the Restrictive versus LibEral Fluid Therapy in Major Abdominal Surgery (RELIEF), an international randomized trial
2016-2017	Visiting Professor, Universidad CES, Medellín, Colombia
2015-2018	Board of Directors of CPAR (National College of the Anesthesia and Intensive Care Professors)
2015-present	Member of the international StEP-COMPACT Group to Standardize end points in perioperative trials <a href="https://www.ncbi.nlm.nih.gov/pubmed/27106961">https://www.ncbi.nlm.nih.gov/pubmed/27106961</a>

- 2015 Grant from Hamilton Health Science Corporation as as Local Principal Investigator of the “Management of myocardial injury After NonCardiac surGery Trial. MANAGE” international randomized trial on postoperative myocardial infarction
- 2015 Grant from The Australian and New Zealand Intensive Care Research Centre for the Early Goal Directed Sedation vs. Standard Care Sedation. SPICE III international randomized trial on sedation in the intensive care unit
- 2012 Grant from CCM (National Centre for Disease Prevention and Control) as Local Principal Investigator of the Sardinia Government-driven “Risk analysis model for the control of nosocomial infections in the ICU”national observational study: 44,000 Euro**
- 2012 Grant from Canadian Critical Care Trials Group as Local Principal Investigator of the IOSwean. International Prospective Observational Study of Mechanical Ventilation Discontinuation Practices
- 2011 Grant from Population Health Research Institute, David Braley Cardiac, Vascular, and Stroke Research Institute, Hamilton General Hospital, Hamilton, ON Canada as National Principal Investigator and Member of the Steering Committee of the Canada-driven “PeriOperative ISchemic Evaluation-2 (POISE-2)” international randomized trial on perioperative cardiac protection.
- 2011 -- Grant from the Alfred Hospital, Melbourne, Australia as National Principal Investigator and Member of the Steering Committee of the ATACAS (Aspirin and Tranexamic Acid for Coronary Artery Surgery) study, an international randomized trial on perioperative cardiac protection
- 2010 -- present Ideated and organized the innovative web based International Consensus Conferences with thousands of participants from over 70 countries on the following topics: Improving survival in critically ill patients (2013 and 2016); Improving Survival in Critically ill Patients with or at Risk for Acute Kidney Injury (2012); Reducing Perioperative Mortality with Drugs or Non-Surgical Techniques/Strategies (2011 and 2015); Reduction in Mortality in Cardiac Anesthesia and Intensive Care (2010 and 2015)
- 2010 Start up grant from EACTA (European Association of Cardiothoracic Anaesthesiology 10,000 euro) for the randomized multicentre study “Levosimendan to reduce mortality in high risk cardiac surgery patients. A randomized controlled trial”**
- 2010 Founded Maieutics Research Foundation, obtaining charitable organization status in 2011

2008 -- 2009	Scientific Director: “Master in Cardiothoracic and Vascular Intensive Care” Università Vita-Salute San Raffele, Milan, Italy
2008	Poster award: Congresso Nazionale IRC, Expo Napoli, June 6 <sup>th</sup> -7 <sup>th</sup> Naples, Italy
<b>2007</b>	<b>Grant from AIFA (Agenzia Italiana del Farmaco, 105,725 euro). Scientific Director of “Cardiac protection by Sevoflurane in high risk patients undergoing cardiac surgery. A randomized controlled study”</b>
2007	Winner of “Premio Andrea Casati - SIAARTI” for Italian Anesthesiologists
2007	Poster award: XXII EACTA Congress, June 13 <sup>th</sup> -16 <sup>th</sup> , Kracow, Poland
2007	Poster award (third best oral presentation): XXII EACTA Congress, June 13 <sup>th</sup> -16 <sup>th</sup> , Kracow, Poland
2006 -- 2008	Europ Assistance: care and transport of critically ill expatriates
2006 -- 2007	Rescue-Helicopter doctor
2005 --	B.L.S.-D Trainer San Raffaele Scientific Institute, Milan, Italy
<b>2004 -- 2020</b>	<b>Filed 6 applications for patents in the field</b>
2004	Abstract award: XV S.M.A.R.T. Congress, May 2004, Milan, Italy
2003	Abstract award: LVII S.I.A.A.R.T.I. Congress, October 2003, Rome, Italy
2003	Abstract award: VII C.A.R.A.C.T. Congress, October 2003, Salsomaggiore Terme, Italy
2001 -- present	Mensa-Italia member (High IQ society)

### **Scientific Societies**

2021-2022	Writing committee of EACTS guidelines on Perioperative Myocardial Infarction in Cardiac Surgery.
2017	Writing committee of EACTS guidelines on Perioperative Medication Management in Adult Cardiac Surgery.
2012 -- present	E.S.I.C.M. member (European Society of Intensive Care Medicine) LAND271101 (2012 – present: member of the Acute Kidney Injury section; 2013 – present: member of the Perioperative Intensive Care – POIC- section; 2015-2017 ESICM ICE Mentoring Programme for Spanish (Juan Carlos Lopez Delgado) and Turkish (Aslan Nesrin Ahu) colleagues; 2022-2024 Mentor for a UK colleague (Yize I Wan)

- 2012 -- present  
E.S.A.I.C member (European Society of Anaesthesiology and Intensive Care) 173339-IT-Act. ESA mentor of German (Martin Scharffenberg, 2017-2019), Spanish (Carolina Soledad Romero Garcia, 2020-2022) and Irish mentees (Eoin Kelleher) and supported Austrian (Martin Ponschab, 2009), Greek (Matthaios Stamelos 2018), and Spanish (Cristian Palu Marti 2022) colleagues in the Trainee Exchange Programme in San Raffaele Hospital
- 2012 -- 2017  
I.S.S.I.H. (Italian Society of Simulation in Health Care)
- 2011-- 2021  
Outcomes Research Consortium <http://www.or.org/> Cleveland, Ohio
- 2003 -- present  
E.A.C.T.A.I.C. member (European Association of CardioThoracic Anaesthesiology and Intensive Care) 1321. Italian EACTA representative 2012-2017. Member of the cardiopulmonary subcommittee since 2014. EACTA Fellowship Director for colleagues from Russia (Evgeny Fominskiy 2015-2017), Costa Rica (Ligia Elena Alpizar 2015), Canada (Marie-Jo Plamondon 2018-2019), and Guatemala (Luis Eduardo Mendoza Vasquez 2019-2020)
- 2003 -- present  
I.T.A.C.T.A. member (Italian Association of Cardiothoracic Anesthesiologists). Vice President (2007-2011)
- 1997 -- present  
S.I.A.A.R.T.I. member (Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva) n° 5024. (1997-2004 member of the study group for Safety in Anesthesia and Intensive Care; 2013- 2016 member of the study group for Emergency; 2014- member of the study group for cardiothoracic and vascular anesthesia and intensive care; 2016- member of the Bioethics study group). 2019-2021 Head of Clinical Research Committee. 2021-2022: Writing committee of the Italian Good Clinical Practice on “Temperature control (TC) in intra-hospital management of cardiac arrest”

**Publications in Indexed Journals** number = 644 (including 246 original manuscripts plus 105 meta-analyses)  
cited >17,000 times in scientific journals according to Scopus  
total impact factor >1,860  
Hindex Scopus 70, Hindex Scholar = 91

Monti G, Bradic N, Marzaroli M, Konkayev A, Fominskiy E, Kotani Y, Likhvantsev VV, Momesso E, Nogtev P, Lobreglio R, Redkin I, Toffoletto F, Bruni A, Baiardo Redaelli M, D'Andrea N, Paternoster G, Scandroglio AM, Gallicchio F, Ballestra M, Calabrò MG, Cotoia A, Perone R, Cuffaro R, Montrucchio G, Pota V, Ananiadou S, Lembo R, Musu M, Rauch S, Galbiati C, Pinelli F, Pasin L, Guarracino F, Santarpino G, Agrò FE, Bove T, Corradi F, Forfori F, Longhini F, Cecconi M, Landoni G, Bellomo R, Zangrillo A; MERCY Investigators. (2023). Continuous vs Intermittent Meropenem Administration in Critically Ill Patients With Sepsis: The MERCY Randomized Clinical Trial. *JAMA*. DOI: 10.1001/jama.2023.10598. [Epub ahead of print]. PMID: 37326473.

Eastwood G, Nichol AD, Hodgson C, Parke RL, McGuinness S, Nielsen N, Bernard S, Skrifvars MB, Stub D, Taccone FS, Archer J, Kutsogiannis D, Dankiewicz J, Lilja G, Cronberg T, Kirkegaard H, Capellier G, Landoni G, Horn J, Olasveengen T, Arabi Y, Chia YW, Markota A, Hænggi M, Wise MP, Grejs AM, Christensen S, Munk-Andersen H, Granfeldt A, Andersen GØ, Qvigstad E, Flaa A, Thomas M, Sweet K, Bewley J, Bäcklund M, Tiainen M, Iten M, Levis A, Peck L, Walsham J, Deane A, Ghosh A, Annoni F, Chen Y, Knight D, Lesona E, Tlayjeh H, Svenšek F, McGuigan PJ, Cole J, Pogson D, Hilty MP, Düring JP, Bailey MJ, Paul E, Ady B, Ainscough K, Hunt A, Monahan S, Trapani T, Fahey C, Bellomo R; TAME Study Investigators. (2023). Mild Hypercapnia or Normocapnia after Out-of-Hospital Cardiac Arrest. *N Engl J Med*. DOI: 10.1056/NEJMoa2214552. [Epub ahead of print]. PMID: 37318140.

Kotani Y, Pruna A, Lee TC, Roth D, Landoni G. (2023). Comment to: "Propofol and survival: an updated meta-analysis of randomized clinical trials": authors' reply. *Crit Care*. vol. 27(1):237. DOI: 10.1186/s13054-023-04528-0. PMID: 37322553.

Fresilli S, Labanca R, Monaco F, Belletti A, D'Amico F, Blasio A, Kotani Y, Landoni G; Del Nido Study Group. (2023). Del Nido Cardioplegia in Adult Cardiac Surgery: Meta-Analysis of Randomized Clinical Trials. *J Cardiothorac Vasc Anesth*. vol. 37(7):1152-1159. DOI: 10.1053/j.jvca.2023.02.045. PMID: 37080841

Bertini P, Marabotti A, Paternoster G, Landoni G Prof, Sangalli F, Peris A, Bonizzoli M, Scolletta S Prof, Franchi F Prof, Rubino A, Nocchi M, Castellani Nicolini N, Guarracino F. (2023). Regional Cerebral Oxygen Saturation to Predict Favorable Outcome in Extracorporeal Cardiopulmonary Resuscitation: A Systematic Review and Meta-Analysis. *J Cardiothorac Vasc Anesth*. vol. 37(7):1265-1272. DOI: 10.1053/j.jvca.2023.01.007. PMID: 36759264

Scquizzato T, Sofia R, Gazzato A, Sudano A, Altizio S, Biondi-Zoccai G, Ajello S, Mara Scandroglio A, Landoni G, Zangrillo A. (2023). Coronary angiography findings in resuscitated and refractory out-of-hospital cardiac arrest: a systematic review and meta-analysis. *Resuscitation*. DOI:

10.1016/j.resuscitation.2023.109869. [Epub ahead of print]. PMID: 37302683

Kotani Y, Pruna A, Lee TC, Landoni G. (2023). Authors' reply to Hansel's letter to the editor. *Crit Care*. vol. 27(1):223. DOI: 10.1186/s13054-023-04510-w. PMID: 37291637

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## **Abstracts number = 278**

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**Landoni G**, Bignami E: “Perioperative pharmacological cardiac protection” Thoraco-Abdominal Aorta Surgical and Anesthetic Management. Springer Edizioni 2010. December 2010. (Editors: Chiesa R, Melissano G, Zangrillo A).

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**Landoni G**: “Protezione cardiaca”. Chapter III in “PROTEZIONE D’ORGANO”. Edizioni Minerva Medica, Stabilimento di Saluzzo, Italia. September 2005. (Editor Torri G)

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## **INVITED SPEAKER, CHAIRMAN, DISCUSSANT, SCIENTIFIC DIRECTOR**

**I have given 211 invited lectures in 27 countries (Australia, Austria, Belgium, Brazil, China, Colombia, Croatia, Denmark, Germany, Iceland, Japan, Kazakhstan, India, Israel, Lebanon, Malaysia, Poland, Portugal, Russia, Serbia, Spain, South Africa, South Korea, Switzerland, Sweden, United Kingdom and USA) plus 61 lectures at Italian national congresses and 115 lectures at local congresses. TOTAL 362**

**Landoni G (Speaker)** “Effect of Continuous versus Intermittent Meropenem Administration in Critically Ill Patients with Sepsis”, Critical Care Reviews Meeting 2023, 14<sup>th</sup> - 16<sup>th</sup> June 2023, Belfast, UK

**Landoni G (Speaker)** “Gli studi che hanno cambiato e cambieranno la nostra pratica clinica”, 7<sup>o</sup> ITACTA Congress, 3<sup>rd</sup> March 2023, Bologna, Italy

**Landoni G (Chairman)** “RESEARCH LAB”, 7<sup>o</sup> ITACTA Congress, 3<sup>rd</sup> March 2023, Bologna, Italy

**Landoni G (Speaker)** “Anesthesia in patients with anticoagulant treatment”, SMART Congress, March 25<sup>th</sup> 2023, Milan, Italy

**Landoni G (Speaker)** “Cardiocirculatory drugs in the critically ill”, SMART Congress, March 25<sup>th</sup> 2023, Milan, Italy

**Landoni G (Speaker and Chairman)** “CPB Masterclass - AKI in Cardiac Surgery - Meet and Discuss with the Experts: Strategies for prevention of Cardiac Surgery associated Acute Kidney Injury”, 37<sup>th</sup> EACTAIC Annual Congress, 14<sup>th</sup>-16<sup>th</sup> December 2022, Naples, Italy

**Landoni G (Speaker)** “Del Propofol e altri demoni”, Formazione Continua in Anestesia, held virtually, Lugano, December 12<sup>th</sup> 2022

**Landoni G (Chairman)** “Latest news in area critica”, AREA CRITICA 2022, 1<sup>st</sup>-2<sup>nd</sup> December 2022, Bologna, Italy

**Landoni G (Scientific Committee and Chairman)** “NIV - ventilazione non invasiva”, AREA CRITICA 2022, 1<sup>st</sup>-2<sup>nd</sup> December 2022, Bologna, Italy

**Landoni G (Speaker)** “Reducing mortality in the perioperative period”, SSAI 5<sup>th</sup> Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, 12<sup>th</sup> October 2022, Gothenburg, Sweden

**Landoni G (Speaker)** “Levosimendan - role in cardiac anaesthesia”, SSAI 5<sup>th</sup> Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, 12<sup>th</sup> October 2022, Gothenburg, Sweden

**Landoni G (Speaker)** “Inhalation and preconditioning - is it a myth”, SSAI 5<sup>th</sup> Training Programme

in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, 12<sup>th</sup> October 2022, Gothenburg, Sweden

**Landoni G (Chairman)** “How to optimize ARDS patient under VV-ECMO?”, EACTAIC Webinar, held virtually, September 12<sup>th</sup> 2022

**Landoni G (Speaker)** “A program of perioperative multicentre clinical trials in Italy”, 6<sup>th</sup> Collaborative Clinical Trials in Anaesthesia Prato Conference 2022, June 9<sup>th</sup> 2022, Monash University, Prato, Italy

**Landoni G (Speaker)** “Which study changed my practice in cardiac surgery”, SMART Congress, May 4<sup>th</sup>-6<sup>th</sup> 2022, Milan, Italy

**Landoni G (Speaker)** “Extracorporeal Membrane Oxygenation: Beyond Cardiac Surgery and Intensive Care Unit: Unconventional Uses and Future Perspectives”, SSAI 4<sup>th</sup> Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, March 28<sup>th</sup>-31<sup>st</sup> 2022, Reykjavik, Iceland

**Landoni G (Speaker)** “Vasoactive-Inotropic Score: Evolution, Clinical Utility, and Pitfalls”, SSAI 4<sup>th</sup> Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, March 28<sup>th</sup>-31<sup>st</sup> 2022, Reykjavik, Iceland

**Landoni G (Speaker)** “Cardiac protection with phosphocreatine”, SSAI 4<sup>th</sup> Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, March 28<sup>th</sup>-31<sup>st</sup> 2022, Reykjavik, Iceland

**Landoni G (Speaker)** “What kind of evidence for all this? Improving vasopressor use”, ISICEM 2022 - International Symposium on Intensive Care and Emergency Medicine, 22<sup>nd</sup>-25<sup>th</sup> 2022 March, Brussels, Belgium

**Landoni G (Speaker)** “Advances in the treatment of refractory septic/distributive shock?”, ISICEM 2022 - International Symposium on Intensive Care and Emergency Medicine, 22<sup>nd</sup>-25<sup>th</sup> 2022 March, Brussels, Belgium

**Landoni G (Speaker)** “Prevention of perioperative renal failure”, ISICEM 2022 - International Symposium on Intensive Care and Emergency Medicine, 22<sup>nd</sup>-25<sup>th</sup> 2022 March, Brussels, Belgium

**Landoni G (Speaker)** “Are the mortality rates different? Covid vs. non-covid sepsis”, ISICEM 2022 - International Symposium on Intensive Care and Emergency Medicine, 22<sup>nd</sup>-25<sup>th</sup> 2022 March, Brussels, Belgium

**Landoni G (Chairman)** “RESEARCH LAB: Proposte ITACTA per studi multicentrici italiani, Scambi di idee per progetti di ricerca in corso, Scambi di idee per progetti futuri”, 6<sup>o</sup> ITACTA Congress, 4<sup>th</sup> March 2022, Bologna, Italy

**Landoni G (Speaker)** “Il barotrauma nel paziente con ARDS Covid-19 correlata”, 6<sup>o</sup> ITACTA Congress, 4<sup>th</sup> March 2022, Bologna, Italy

**Landoni G (Speaker)** “Advances in the treatment of refractory septic/distributive shock”, ESAIC, held virtually December 18<sup>th</sup> 2021, Munich, Germany

**Landoni G (Speaker)** “Drug selection and outcome after cardiac surgery”, ESAIC, held virtually December 18<sup>th</sup> 2021, Munich, Germany

**Landoni G (Scientific Committee and Chairman)** “Comunicazioni orali cardio-respiratorio”, AREA CRITICA 2021, 3<sup>rd</sup> December 2021, Bologna, Italy

**Landoni G (Scientific Committee and Chairman)** “Insufficienza cardiaca II”, AREA CRITICA 2021, 3<sup>rd</sup> December 2021, Bologna, Italy

**Landoni G (Speaker)** “Ipertensione Polmonare”, AREA CRITICA 2021, 3<sup>rd</sup> December 2021, Bologna, Italy

**Landoni G (Scientific Committee and Chairman)** “Comunicazioni orali acute respiratory failure: outcome”, AREA CRITICA 2021, 2<sup>nd</sup> December 2021, Bologna, Italy

**Landoni G (Chairman)** “Genome editing in muscular and cardiac diseases”, Innovative tissue therapies from bench to bedside, held virtually 16<sup>th</sup> November 2021, IRCCS San Raffaele Scientific Institute, Milan, Italy

**Landoni G (Speaker and Chairman)** “Extracorporeal Membrane Oxygenation: Beyond Cardiac Surgery and Intensive Care Unit: Unconventional Uses and Future Perspectives”, XXIII All-Russian Conference on Life Support in Critical Care, held virtually 12<sup>th</sup>-13<sup>th</sup> November 2021, Moscow, Russia

**Landoni G (Speaker)** “Actual role of Levosimendan in cardiac surgery”, 27<sup>th</sup> Annual Meeting of the Hungarian Association of Cardiac Surgery, 4<sup>th</sup> November 2021, Balatonfured, Hungary

**Landoni G (Speaker and Chairman)** “Pulmonary manifestations of COVID19 - Role of MicroCLOTS”, EACTAIC/ICCVA Joint Congress 2021, held virtually October 27<sup>th</sup>-29<sup>th</sup> 2021

**Landoni G (Speaker)** “Strategie per la protezione cardiaca: condizionamento ischemico remoto vs preconditionamento”, 75<sup>th</sup> SIAARTI / ICARE Congress, held virtually, October 14<sup>th</sup> 2021, Rome, Italy

**Landoni G (Speaker)** “(All) Published studies with statistically significant mortality differences in COVID-19 and non COVID-19 patients: a systematic review”, ESICM LIVES Digital 2021, held virtually October 3<sup>rd</sup>-6<sup>th</sup> 2021

**Landoni G (Scientific Committee and Speaker)** “Interazione cardiopolmonare durante la ventilazione meccanica”, AREA CRITICA 2021- Live Webinar 23<sup>th</sup> June 2021, Italy

**Landoni G (Speaker)** “Vasopressin in my daily practice”, SMART, held virtually May 24<sup>th</sup> 2021

**Landoni G (Speaker)** “Dealing with Covid-19 in Milan, Italy”, Virtual RHICS 19<sup>th</sup> Expert Forum, held virtually April 24<sup>th</sup> 2021

**Landoni G (Speaker)** “Prevention and early treatment of perioperative acute kidney injury”, Russian Scientific and Educational Forum “Mistakes, dangers and complications in anesthesiology and reanimatology”, held virtually February 12<sup>th</sup> 2021, Moscow, Russia.

**Landoni G (Scientific Committee and Chairman)** “Comunicazioni Orali / Casi Clinici”, AREA CRITICA 2020, Focus Covid-19 - Live Webinar, 1<sup>st</sup> and 10<sup>th</sup> December 2020, Italy.

**Landoni G (Speaker)** “ECMO e terapie non convenzionali”, AREA CRITICA 2020, Focus Covid-19 - Live Webinar, 1<sup>st</sup> and 10<sup>th</sup> December 2020, Italy.

**Landoni G (Speaker)** “Hot Topics in Cardiac Anesthesia”, ESAIC Euroanaesthesia 2020, held virtually 30<sup>th</sup> Novembre 2020, Barcellona.

**Landoni G (Speaker)** “RCTs in perioperative and ICU settings: how to differentiate between high quality and low quality manuscripts”, XXII Scientific Conference with international participation LIFE SUPPORT IN CRITICAL STATES, held virtually 13<sup>th</sup> November 2020, Moscow, Russia.

**Landoni G (Speaker)** “Il soggetto vulnerabile/III: il paziente in terapia intensiva (cosciente e non) in pratica clinica e sperimentazione clinica”, Corso di Approfondimento in Bioetica 2020, held virtually 10<sup>th</sup> November 2020, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Prevention and early treatment of perioperative acute kidney injury”, KoreAnesthesia 2020, held virtually November 7<sup>th</sup> 2020, South Korea.

**Landoni G (Speaker)** “The canary in the coal mine Covid-19 in Lombardy, Italy”, KoreAnesthesia 2020, held virtually November 6<sup>th</sup> 2020, South Korea.

**Landoni G (Speaker)** “Prevention and early treatment of perioperative acute kidney injury” XXXV EACTA Annual Congress 2020, held virtually November 4<sup>th</sup>-6<sup>th</sup>, 2020, Grenoble, France.

**Landoni G (Speaker)** “Accelerated surgery versus standard care in hip fracture (HIP ATTACK)”, KoreAnesthesia 2020, held virtually October 5<sup>th</sup> 2020, South Korea.

**Landoni G (Speaker)** “The canary in the coal mine Covid-19 in Lombardy, Italy”, ANZICS CTG Winter Research Forum, held virtually August 20<sup>th</sup> 2020, Australian and New Zealand.

**Landoni G (Speaker)** “Reshaping hospital facilities: learning from our mistakes”, OSR Scientific Retreat, held virtually 15<sup>th</sup> June 2020, Italy.

**Landoni G (Speaker)** “Clinical trials during COVID-19 emergency”, OSR Scientific Retreat, held virtually 15<sup>th</sup> June 2020, Italy.

**Landoni G (Speaker)** “Medical and ICU management of SARS-COVID 19: MicroCLOTS”, held virtually May 26<sup>th</sup> 2020, Cleveland Clinic, Abu Dhabi, United Arab Emirates.

**Landoni G (Panelist)** “The COVID-19 pandemic emergency: implications for thrombosis and coagulation dysfunction”, The COVID-19 pandemic emergency and hematology: reporting live from the ICU”, held virtually May 19<sup>th</sup> 2020, France.

**Landoni G (Speaker)** “From COVID to MicroCLOTS. How and what we learn in Milan, and why we all be better physicians now on”, held virtually May 13<sup>th</sup> 2020, Harvard, USA.

**Landoni G (Speaker)** “Microvascular COVID-19 lung vessels obstructive thromboinflammatory syndrome (MicroCLOTS)”, COVID-19 Journal Club, held virtually April 29<sup>th</sup> 2020, New York, USA

**Landoni G (Speaker)** “Covid-19 pandemic” All-Russia webinar, held virtually April 22<sup>nd</sup> 2020, Moscow, Russia.

**Landoni G (Speaker)** “Nuove frontiere nella sperimentazione clinica: dalla necessità di studi osservazionali alla sperimentazione di nuovi farmaci”, FOCUS IN TERAPIA INTENSIVA - Le esperienze in Lombardia e in FVG, held virtually April 8<sup>th</sup> 2020, Italy.

**Landoni G (Speaker)** “Transfusion thresholds: is liberal better than restrictive in the perioperative period?”, IV Educational Forum “Errors, dangers and complications in anesthesiology and resuscitation” combined with the VIII International Conference “Safety problem in anesthesiology”, February 14<sup>th</sup> 2020, Moscow, Russia.

**Landoni G (Speaker)** “Reducing mortality in the perioperative period. An updated worldwide consensus process”, IV Educational Forum “Errors, dangers and complications in anesthesiology and resuscitation” combined with the VIII International Conference “Safety problem in anesthesiology”, February 14<sup>th</sup> 2020, Moscow, Russia.

**Landoni G (Chairman)** “Shock settico nelle diverse età”, 29° Congresso Nazionale della Società Italiana di Terapia Intensiva (SITI), November 29<sup>th</sup> 2019, Florence, Italy.

**Landoni G (Speaker)** “I principali interventi che hanno dimostrato di ridurre la mortalità in Terapia Intensiva”, 29° Congresso Nazionale della Società Italiana di Terapia Intensiva (SITI), November 29<sup>th</sup> 2019, Florence, Italy.

**Landoni G (Speaker)** “Challenges in acute heart failure clinical treatment”, 29° Congresso Nazionale della Società Italiana di Terapia Intensiva (SITI), November 29<sup>th</sup> 2019, Florence, Italy.

**Landoni G (Panelist)** “Aortic valve stenosis: where the controversy begins!”, San Raffaele Heart Valve Center: non solo M.I.T.R.A.L.E., November 26<sup>th</sup> 2019, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Director)** “Simulation in medical education” November 5<sup>th</sup> 2019; “Using social media in medicine” November 12<sup>th</sup> 2019; “Big data and artificial intelligence” November 19<sup>th</sup> 2019; “Meta-analysis: how it works, why we use it, and what is it” November 26<sup>th</sup> 2019, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Inotropics and vasoconstrictors on survival: evidence based medicine”, Annual Scientific Meeting of the Korean Society of Anesthesiologists, October 31<sup>st</sup> 2019, Paradise City, Incheon, Seoul, South Korea.

**Landoni G (Speaker)** “TIVA vs volatile anesthesia in cardiac surgery”, Annual Scientific Meeting of the Korean Society of Anesthesiologists, October 31<sup>st</sup> 2019, Paradise City, Incheon, Seoul, South Korea.

**Landoni G (Speaker)** “Presentazione delle attività del gruppo di ricerca clinica SIAARTI” in the session: “I Care for Perioperative Medicine”, 73<sup>nd</sup> SIAARTI Congress, October 17<sup>th</sup> 2019, Rome, Italy.

**Landoni G (Speaker)** “Problematiche perioperatorie nelle patologie tempo dipendenti. Alogenati vs tiva per la protezione polmonare” in the session: “I Care for Perioperative Medicine”, 73<sup>nd</sup> SIAARTI Congress, October 17<sup>th</sup> 2019, Rome, Italy.

**Landoni G (Speaker)** “Scientific productivity: randomize and publish” in the session: “I Care for complexity in change management processes”, 73<sup>nd</sup> SIAARTI Congress, October 16<sup>th</sup> 2019, Rome, Italy.

**Landoni G (Chairman)** “ALERT! Lo scenario anestesiológico che preoccupa” in the session: “I Care for New challenges in Anaesthesia”, 73<sup>nd</sup> SIAARTI Congress, October 16<sup>th</sup> 2019, Rome, Italy.

**Landoni G (Speaker)** “New ideas and evidence on NIV”, New technologies of anesthesiology Conference, September 25<sup>th</sup> 2019, Moscow, Russia.

**Landoni G (Speaker)** “Effect of inotropic and vasoconstrictor drugs on survival: evidence based medicine”, New technologies of anesthesiology Conference, September 25<sup>th</sup> 2019, Moscow, Russia.

**Landoni G (Speaker)** “Prevention and early treatment of perioperative acute kidney injury”, New technologies of anesthesiology Conference, September 24<sup>th</sup> 2019, Moscow, Russia.

**Landoni G (Speaker)** “NEMJ volatile vs TIVA”, New technologies of anesthesiology Conference, September 24<sup>th</sup> 2019, Moscow, Russia.

**Landoni G (Speaker)** “Where to situate Levosimendan perioperatively?”, XXXIV EACTA 2019 Annual Congress, September 4<sup>th</sup> 2019, Ghent, Belgium.

**Landoni G (Speaker)** “MYRIAD: Volatiles versus TIVA in CABG surgery - what next?”, XXXIV EACTA 2019 Annual Congress, September 4<sup>th</sup> 2019, Ghent, Belgium.

**Landoni G (Speaker)** “Managing postoperative complications - Acute kidney injury”, II Symposium on the High Risk Surgical Patient, August 31<sup>st</sup> 2019, São Paulo, Brasil.

**Landoni G (Speaker)** “How to manage my patient undergoing cardiac surgery - Strategies to reduce mortality”, II Symposium on the High Risk Surgical Patient, August 31<sup>st</sup> 2019, São Paulo, Brasil.

**Landoni G (Speaker)** “Avoiding postoperative complications - New ideas and evidence on NIV”, II Symposium on the High Risk Surgical Patient, August 31<sup>st</sup> 2019, São Paulo, Brasil.

**Landoni G (Speaker)** “Avoiding postoperative complications - The role of beta-blockers in perioperative?”, II Symposium on the High Risk Surgical Patient, August 31<sup>st</sup> 2019, São Paulo, Brasil.

**Landoni G (Speaker)** “Round table - The best to do in critical surgical patients. Evidence based medicine in surgical patients. The best trials of the last 5 years”, II Symposium on the High Risk Surgical Patient, August 30<sup>th</sup> 2019, São Paulo, Brasil.

**Landoni G (Speaker)** “Surviving Critical Illness: the ICU on trial”, “Belt and Road” Healthcare Professional Development Program”, June 26<sup>th</sup> 2019, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Levosimendan in cardiac surgery; CHEETAH trial”, 17<sup>th</sup> International Congress of Cardiothoracic and Vascular Anesthesia (ICVA 2019) in conjunction with the 13<sup>th</sup> Meeting of Asian Society of Cardiothoracic Anesthesia and the 23<sup>rd</sup> Meeting of Korean Society of Cardiothoracic and Vascular Anesthesiologists, June 8<sup>th</sup> 2019, Coex, Seoul, South Korea.

**Landoni G (Speaker)** “Volatile anesthetics in cardiac surgery; MYRIAD trial”, 17<sup>th</sup> International Congress of Cardiothoracic and Vascular Anesthesia (ICCVA 2019) in conjunction with the 13<sup>th</sup> Meeting of Asian Society of Cardiothoracic Anesthesia and the 23<sup>rd</sup> Meeting of Korean Society of Cardiothoracic and Vascular Anesthesiologists, June 8<sup>th</sup> 2019, Coex, Seoul, South Korea.

**Landoni G (Speaker)** “An overview of Italian perioperative mRCTs”, Collaborative Clinical Trials in Anaesthesia Prato Conference 2019, June 6<sup>th</sup> 2019, Monash University, Prato, Italy.

**Landoni G (Speaker)** “Sevoflurane or propofol-based anaesthesia?”, European Society of Anaesthesiology, June 2<sup>nd</sup> 2019, Vienna, Austria.

**Landoni G (Speaker)** “Surviving Critical Illness: The ICU on Trial”, Collaborative Clinical Trials in Anaesthesia Prato Conference 2019, May 31<sup>st</sup> 2019, Monash University, Prato, Italy.

**Landoni G (Speaker)** “Tranexamic acid in major surgery”, XXX SMART Congress, May 10<sup>th</sup> 2019, Milan, Italy.

**Landoni G (Speaker)** “Use of cardiovasoactive drugs in anesthesia”, XXX SMART Congress, May 10<sup>th</sup> 2019, Milan, Italy.

**Landoni G (Chairman)** “Trials and Meta-Analysis 2- Trials e Metanalisi 2”, XXX SMART Congress, May 9<sup>th</sup> 2019, Milan, Italy.

**Landoni G (Speaker)** “Prevention of perioperative renal failure”, XXX SMART Congress, May 9<sup>th</sup> 2019, Milan, Italy.

**Landoni G (Chairman)** “Trials and Meta-Analysis 1- Trials e Metanalisi 1”, XXX SMART Congress, May 8<sup>th</sup> 2019, Milan, Italy.

**Landoni G (Speaker)** “Volatile versus total intravenous anesthesia”, International Symposium on Intensive Care and Emergency Medicine ISICEM, March 20<sup>th</sup> 2019, Brussels, Belgium.

**Landoni G (Speaker)** “Volatile versus total intravenous anesthesia”, International Symposium on Intensive Care and Emergency Medicine ISICEM, Plenary session, March 19<sup>th</sup> 2019, Brussels, Belgium.

**Landoni G (Scientific Committee and Chairman)** “Non-invasive assessment of Brugada Syndrome arrhythmogenic substrate”, OSR Scientific Retreat, March 14<sup>th</sup>-16<sup>th</sup> 2019, Baveno, Italy.

**Landoni G (Chairman)** “RESEARCH LAB - Tutto ciò che si sta muovendo nella ricerca in anestesia e terapia intensiva cardiotoracica”, 5<sup>o</sup> ITACTA Congress, 28<sup>th</sup> February - 1<sup>st</sup> March 2019, Bologna, Italy"

**Landoni G (Speaker)** “Inotropi, vasocostrittori e steroidi”, XXVI Simposio Meridionale di Anestesia e Rianimazione: UPDATE 2018, 20<sup>th</sup> - 21<sup>st</sup> November 2018, Catanzaro, Italy.

**Landoni G (Speaker)** “Do any interventions decrease or increase mortality in critically ill and in cardiac surgery patients?”, Annual Meeting for Korean Society of Anesthesiologists, KoreAnesthesia, 10<sup>th</sup> November 2018, Seoul, South Korea.

**Landoni G (Speaker)** “The effect of vasopressors and inotropes on mortality: what is the best in cardiac surgery”, Annual Meeting for Korean Society of Anesthesiologists, KoreAnesthesia, 8<sup>th</sup> November 2018, Seoul, South Korea.

**Landoni G (Speaker and Chairman)** “High-Tech interventions “without anesthesia” in the elderly patient: the role of the anesthesiologist” in the session “Perioperative medicine of the “fragile” geriatric patient” “Interventi high-tech “senza anestesia” nel paziente anziano: il coinvolgimento del medico anestesista” nella sessione “GDS Medicina Perioperatoria Geriatrica - Medicina perioperatoria del paziente geriatrico “fragile”, 72<sup>nd</sup> SIAARTI Congress, October 11<sup>th</sup> 2018, Palermo, Italy.

**Landoni G (Speaker)** “Perioperative inotrope management. Is down regulation a problem? Preference vs. evidence. CHEETAH”, XXXIII EACTA 2018 Annual Congress, 19<sup>th</sup> September 2018, Manchester, UK.

**Landoni G (Speaker)** “Reducing mortality in patients undergoing cardiac surgery on CPB – non-surgical strategies”, XXXIII EACTA 2018 Annual Congress, 19<sup>th</sup> September 2018, Manchester, UK.

**Landoni G (Speaker)** “Antipollution systems devices”, XXXIII EACTA 2018 Annual Congress, 19<sup>th</sup> September 2018, Manchester, UK.

**Landoni G (Chairman)** “CPB Workshop: Simulation – use of volatile anaesthetics during CPB – what we need to know to adapt the circuit”, XXXIII EACTA 2018 Annual Congress, 19<sup>th</sup> September 2018, Manchester, UK.

**Landoni G (Speaker)** “Evidence-based medicine in anesthesia”, Current issues of critical care medicine, May 13<sup>th</sup> 2018, Saint Petersburg, Russia.

**Landoni G (Speaker)** “Prevention and early management of acute kidney injury”, Current issues of critical care medicine, May 11<sup>th</sup> 2018, Saint Petersburg, Russia.

**Landoni G (Speaker)** “NIV-CPAP in endoscopy”, Current issues of critical care medicine, May 11<sup>th</sup> 2018, Saint Petersburg, Russia.

**Landoni G (Speaker)** “Strategies for reducing mortality rates in cardiac surgery”, Current issues of critical care medicine, May 11<sup>th</sup> 2018, Saint Petersburg, Russia.

**Landoni G (Speaker)** “Levosimendan – haemodynamic support after cardiac surgery”, SSAI 3rd Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine. April 9<sup>th</sup> – 12<sup>th</sup> 2018, Aarhus, Denmark.

**Landoni G (Speaker)** “Inhalation and preconditioning -is it a myte”, SSAI 3rd Training Programme in Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine. April 9<sup>th</sup>-12<sup>th</sup> 2018, Aarhus, Denmark.

**Landoni G (Scientific Committee and Chairman)** Focus on Disease: “Organ failure/protection” - , OSR Scientific Retreat, March 17<sup>th</sup> – 18<sup>th</sup> 2018, Baveno, Italy

**Landoni G (Scientific Committee)** 4<sup>o</sup> ITACTA Congress, March 1<sup>st</sup> - 2<sup>nd</sup> 2018, Bologna, Italy.

**Landoni G (Speaker)** “Pharmacological Protection of the Kidneys”, 24th International Conference of the Israeli Society of Anesthesiology and the Society of Critical Care (ICISA 2017), November 7<sup>th</sup>, Tel-Aviv, Israel.

**Landoni G (Speaker)** “Inhaled or intravenous anaesthesia in cardiac surgery?”, IV Annual Conference Contemporary Standards In Cardiac Anesthesiology, September 16<sup>th</sup> 2017, Novosibirsk, Russia.

**Landoni G (Speaker)** “Strategies for reducing mortality rates in cardiac surgery. The impact of cardio protection with phosphocreatine on survival”, Satellite Symposium IV Annual Conference Contemporary Standards In Cardiac Anesthesiology, September 15<sup>th</sup> 2017, Novosibirsk, Russia.

**Landoni G (Speaker)** “Effect of inotropic and vasoconstrictor drugs on survival: evidence based medicine”, IV Annual Conference Contemporary Standards in Cardiac Anesthesiology, September 15<sup>th</sup> 2017, Novosibirsk, Russia.

**Landoni G (Speaker)** “Modern strategies to reduce mortality in the perioperative period. Standards and individual approaches in anesthesiology and resuscitation”, World Society of Cardiovascular and Thoracic Surgeons, September 2<sup>nd</sup> 2017, Astana, Kazakhstan.

**Landoni G (Speaker)** “A randomized trial of volatile anesthetics to reduce mortality in cardiac surgery trial (MYRIAD): an update”, Collaborative Clinical Trials in Anaesthesia Prato Conference 2017, June 4<sup>th</sup>-9<sup>th</sup> 2017, Monash University, Prato, Italy.

**Landoni G (Speaker)** “IABP and survival in cardiac surgery”, XI National Congress of Critical Care Medicine, 27<sup>th</sup> May 2017, Medellin, Colombia.

**Landoni G (Speaker)** “Evidence and Strategies for Perioperative Mortality Reduction”, XI National Congress of Critical Care Medicine, May 27<sup>th</sup> 2017, Medellin, Colombia.

**Landoni G (Speaker)** “Do any interventions decrease or increase mortality in critically ill patients?”, XI National Congress of Critical Care Medicine, 27<sup>th</sup> May 2017, Medellin, Colombia

**Landoni G (Speaker)** “What is the best vasopressor and inotropic in cardiac surgery?”, XI National Congress of Critical Care Medicine, 26<sup>th</sup> May 2017, Medellin, Colombia.

**Landoni G (Speaker)** “Inotropics in the ICU (State of the Art)”, XI National Congress of Critical Care Medicine, 26<sup>th</sup> May 2017, Medellin, Colombia.

**Landoni G (Speaker)** “Levosimendan for hemodynamic support after cardiac surgery, XXVIII SMART Congress, May 10<sup>th</sup>-12<sup>th</sup> 2017, Milan, Italy.

**Landoni G (Speaker)** “Transfusion thresholds: is liberal better than restrictive in the perioperative period?”, XXVIII SMART Congress, May 10<sup>th</sup>-12<sup>th</sup> 2017, Milan, Italy.

**Landoni G (Speaker)** “Volatile Anesthetics and Cardiac Protection”, 39<sup>th</sup> SCA Annual Meeting & Workshops, April 24<sup>th</sup> 2017, Orlando, Florida, USA.

**Landoni G (Speaker)** “Do Any Interventions Decrease or Increase Mortality in Critically Ill Patients?”, 39<sup>th</sup> SCA Annual Meeting & Workshops, April 24<sup>th</sup> 2017, Orlando, Florida, USA.

**Landoni G (Speaker)** “Postoperative use of levosimendan: A historical perspective and the results of the CHEETAH study”, Satellite Symposium EACTA 2017, 20<sup>th</sup> 2017, Berlin, Germany.

**Landoni G (Speaker)** “IABP - Is There Still A Place For It In Cardiac Surgery?”, XXXII EACTA 2017 Annual Congress, 21<sup>st</sup> 2017, Berlin, Germany.

**Landoni G (Chair Poster Session)** “PS03 - Poster Sessions”, XXXII EACTA 2017 Annual Congress, April 19<sup>th</sup> - 21<sup>st</sup> 2017, Berlin, Germany.

**Landoni G (Speaker)** “Le basi teoriche, le evidenze in Terapia intensiva, le ricerche in corso”, Terapia Intensiva 2017 update, March 30<sup>th</sup> 2017 and 2016 update, May 3<sup>rd</sup> 2016, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Inotropic support after cardiac surgery”, ISICEM 2017-37<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine, March 21<sup>st</sup>-24<sup>th</sup> 2017, Brussels, Belgium.

**Landoni G (Scientific Committee)** 3<sup>o</sup> ITACTA Congress, March 9<sup>th</sup>-10<sup>th</sup> 2017, Bologna, Italy.

**Landoni G (Speaker)** “New ideas and evidence on NIV”, Inaugural Austin Health Department of Anaesthesia Symposium “Advanced Management of the Surgical Patient”, February 10<sup>th</sup>-12<sup>th</sup> 2017, Melbourne, Australia.

**Landoni G (Speaker)** “The levosimendan story: faster than a CHEETAH?”, Inaugural Austin Health Department of Anaesthesia Symposium “Advanced Management of the Surgical Patient”, February 10<sup>th</sup>-12<sup>th</sup> 2017, Melbourne, Australia.

**Landoni G (Speaker)** “Inhaled or IV anaesthesia for improving perioperative outcomes?”, Inaugural Austin Health Department of Anaesthesia Symposium “Advanced Management of the Surgical Patient”, February 10<sup>th</sup>-12<sup>th</sup> 2017, Melbourne, Australia.

**Landoni G (Speaker)** “Do any interventions decrease or increase mortality in critically ill patients?”, Inaugural Austin Health Department of Anaesthesia Symposium “Advanced Management of the Surgical Patient”, February 10<sup>th</sup>-12<sup>th</sup> 2017, Melbourne, Australia.

**Landoni G (Speaker)** “Sedazione in terapia intensiva con alogenati”, 2<sup>o</sup> Riunione biennale della Società Italiana di Terapia Intensiva SITI –ISIC, December 2<sup>nd</sup> 2016, Florence, Italy.

**Landoni G (Scientific Director)** International Consensus Conference: “Improving Survival in Adult Critically Ill Patients. Randomized Evidence”, November 25<sup>th</sup>-26<sup>th</sup> 2016, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Epidural for patients with ischaemic heart disease for non-cardiac surgery”, DASAIM Annual Meeting 2016, November 11<sup>th</sup> 2016, Copenhagen, Denmark.

**Landoni G (Speaker)** “Preconditioning - True or false”, DASAIM Annual Meeting 2016, November 11<sup>th</sup> 2016, Copenhagen, Denmark.

**Landoni G (Speaker)** “Strategies for reducing mortality rates in surgical interventions. The impact of cardioprotection with phosphocreatine on survival”, Five-Continent International Conference on Cardiovascular Diseases 2016, October 15<sup>th</sup> 2016, Beijing, China.

**Landoni G (Speaker)** “Triggers trasfusionali: ieri, oggi e domani”, XIX Annual Meeting Tuscany, September 27<sup>th</sup> 2016, Florence, Italy.

**Landoni G (Speaker)** “Epidural anesthesia in cardiac surgery”, 15th Congress Of «All-Russian Non-Governmental Organization Federation Of Anesthesiologists And Reanimatologists», September 17<sup>th</sup> 2016, Moscow, Russia.

**Landoni G (Speaker)** “Strategies for reducing mortality rates in surgical interventions. The impact of cardioprotection with phosphocreatine on survival”, 15th Congress Of «All-Russian Non-Governmental Organization Federation Of Anesthesiologists And Reanimatologists», September 17<sup>th</sup> 2016, Moscow, Russia.

**Landoni G (Speaker)** “The Role of Levosimendan in Post Cardiac Surgery and ICU”, 9th Biennial Conference on Cardiopulmonary Bypass, July 24<sup>th</sup> 2016, The Royale Chulan, Kuala Lumpur, Malaysia.

**Landoni G (Speaker)** “Should IABP be mixed with ECMO?”, 9th Biennial Conference on Cardiopulmonary Bypass, July 23<sup>rd</sup> 2016, The Royale Chulan, Kuala Lumpur, Malaysia.

**Landoni G (Speaker)** “Mortality reduction in cardiac anesthesia and intensive care: results of the first International Consensus Conference”, 9th Biennial Conference on Cardiopulmonary Bypass, July 23<sup>rd</sup> 2016, The Royale Chulan, Kuala Lumpur, Malaysia.

**Landoni G (Speaker)** “Levosimendan nel paziente critico”, Terapia Intensiva 2016 update, May 3<sup>rd</sup> 2016, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Chairman)** “State of the art lectures”, XXXI EACTA 2016 Annual Congress, May 13<sup>th</sup> 2016, Basel, Switzerland.

**Landoni G (Chairman)** “Oral presentations”, XXXI EACTA 2016 Annual Congress, May 13<sup>th</sup> 2016, Basel, Switzerland.

**Landoni G (Speaker)** “CPB workshop - Simulation: Use of volatile anaesthetics during CPB. What we need to know to adapt accordingly the circuit”, XXXI EACTA 2016 Annual Congress, May 13<sup>th</sup> 2016, Basel, Switzerland.

**Landoni G (Speaker)** “Volatile anaesthetics versus TIVA during CPB”, XXXI EACTA 2016 Annual Congress, May 12<sup>th</sup> 2016, Basel, Switzerland.

**Landoni G (Chairman)** “Levosimendan for organ protection in critically ill patients”, ESCVS 2016 - 65<sup>th</sup> International Congress of the European Society for Cardiovascular and Endovascular Surgery, April 24<sup>th</sup> 2016, Belgrade, Serbia.

**Landoni G (Speaker)** “Transfusions in cardiac surgery: liberal, restrictive, or patient-tailored?”, 13<sup>th</sup> International Course on Extracorporeal Perfusion Technologies (INTERCEPT), April 21<sup>st</sup> 2016, Milan, Italy.

**Landoni G (Scientific Committee and Speaker)** “How to read (and write) an article”, 2<sup>nd</sup> ITACTA Congress, April 20<sup>th</sup> 2016, Milan, Italy.

**Landoni G (Scientific Committee and Speaker)** “The best five Intensive Care articles I read in 2015”, 2<sup>nd</sup> ITACTA Congress, April 20<sup>th</sup> 2016, Milan, Italy.

**Landoni G (Speaker)** “The place of Levosimendan in low cardiac output patients in Cardiac Surgery”, 12<sup>th</sup> International Meeting on Cardiac Surgery, April 16<sup>th</sup> 2016, Beirut, Lebanon.

**Landoni G (Speaker)** “Preventing perioperative acute kidney injury”, 1<sup>st</sup> International Conference on Advances in Postoperative Care, April 8<sup>th</sup> 2016, São Paulo, Brasil.

**Landoni G (Speaker)** “Mortality reduction in cardiac anesthesia and intensive care: an International Consensus Conference”, 1<sup>st</sup> International Conference on Advances in Postoperative Care, April 8<sup>th</sup> 2016, São Paulo, Brasil.

**Landoni G (Speaker)** “Importance and limitations of RCTs and meta-analyses in critical care medicine”, Selected Issues of Anesthesiology, Reanimation and Intensive Care, March 31<sup>th</sup> 2016, Moscow, Russia.

**Landoni G (Speaker)** “Mortality reduction in cardiac surgery”, Selected Issues of Anesthesiology, Reanimation and Intensive Care, March 31<sup>th</sup> 2016, Moscow, Russia.

**Landoni G (Speaker)** “Danno e protezione renale”, II<sup>o</sup> edizione CEC - Circolazione extracorporea sicura, dal monitoraggio al risk management, March 11<sup>th</sup> 2016, Siena, Italy.

**Landoni G (Speaker)** “Importance and limitations of RCTs and meta-analyses in critical care medicine”, Russian Italian Symposium. Actual Issues of Intensive Therapy in Cardiac Surgery, January 22<sup>nd</sup> 2016, Novosibirsk, Russia.

**Landoni G (Speaker)** “Mortality reduction in cardiac surgery”, Russian Italian Symposium. Actual Issues of Intensive Therapy in Cardiac Surgery, January 22<sup>nd</sup> 2016, Novosibirsk, Russia.

**Landoni G (Speaker)** “What is reducing mortality in the Intensive Care Unit”, SITI - 27<sup>o</sup> Congresso Nazionale della Società Italiana di Terapia Intensiva (SITI), 2-5<sup>th</sup> December 2015, Florence, Italy.

**Landoni G (Scientific Director)** International Consensus Conference: “Reduction in Mortality in Cardiac Anesthesia and Intensive Care”, November 27<sup>th</sup> 2015 (second), June 28<sup>th</sup> 2010 (first), IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Randomized evidence of perioperative mortality reduction”, Peking University Third Hospital, November 2<sup>nd</sup> 2015, Beijing, China.

**Landoni G (Speaker)** “Reducing perioperative mortality: randomized evidence. A consensus conference update”, The 9<sup>th</sup> Five-Continent International Conference on Cardiovascular Diseases, October 31<sup>st</sup> 2015, Beijing, China.

**Landoni G (Speaker)** “Perioperative cardiac protection”, “Esmololo up to date”. IRCCS San Raffaele Scientific Institute, October 28<sup>th</sup> 2015, Milan, Italy.

**Landoni G (Speaker)** “Perioperative cardio-protection”, 28<sup>th</sup> Annual Congress of the European Society of Intensive Care Medicine, October 7<sup>th</sup> 2015, Berlin, Germany

**Landoni G (Chairman)** “Fluids, bleeding and thrombosis 2”, 28th Annual Congress of the European Society of Intensive Care Medicine, October 7<sup>th</sup> 2015, Berlin, Germany.

**Landoni G (Speaker)** “Weaning strategies of VA ECMO and VADs”, 28th Annual Congress of the European Society of Intensive Care Medicine, October 6<sup>th</sup> 2015, Berlin, Germany.

**Landoni G (Chairman)** “Perioperative management in cardiac surgery”, 28th Annual Congress of the European Society of Intensive Care Medicine, October 5<sup>th</sup> 2015, Berlin, Germany.

**Landoni G (Speaker)** “Sedation in the intensive care. New frontiers with volatile agents”, 18<sup>th</sup> Annual Meeting: perioperative challenges and updates, September 30<sup>th</sup> 2015, Florence, Italy.

**Landoni G (Speaker)** “Reducing mortality in the perioperative period: randomized evidence”, Heart Failure Forum. International Symposium of Acute Heart Failure, September 12<sup>th</sup> 2015, São Paulo, Brazil.

**Landoni G (Speaker)** “Cardiorenal syndrome”, Heart Failure Forum. International Symposium of Acute Heart Failure, September 12<sup>th</sup> 2015, São Paulo, Brazil.

**Landoni G (Speaker)** “Severe sepsis”, Heart Failure Forum International Symposium of Acute Heart Failure, September 12<sup>th</sup> 2015, São Paulo, Brazil.

**Landoni G (Chairman)** “Poster Session 6 – Ultrasound and Dysfunction”, XXX EACTA 2015 Annual Congress, June 26<sup>th</sup> 2015 Gothenburg, Sweden.

**Landoni G (Speaker)** “Fenoldopam in cardiac surgery trial”, Collaborative Clinical Trials in Anaesthesia Prato Conference 2015, June 18<sup>th</sup> 2015, Monash University, Prato, Italy.

**Landoni G (Scientific Director)** “Organ protection in Critically Ill Patients”, June 12<sup>th</sup> and 13<sup>th</sup> 2015, June 5<sup>th</sup> and 6<sup>th</sup> 2014, April 3<sup>rd</sup> and 4<sup>th</sup> 2014, November 28<sup>th</sup> and 29<sup>th</sup> 2013, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Committee and Speaker)** “Ischemic preconditioning: why I do believe in it” 1<sup>st</sup> ITACTA Congress, June 5<sup>th</sup> 2015, Florence, Italy.

**Landoni G (Scientific Committee and Speaker)** “Simple tools to improve your clinical and statistical performances”, 1<sup>st</sup> ITACTA Congress, June 5<sup>th</sup> 2015, Florence, Italy.

**Landoni G (Scientific Committee and Chairman)** “The cardiac anesthesiologist between clinical practice and scientific activity”, 1<sup>st</sup> ITACTA Congress, June 5<sup>th</sup> 2015, Florence, Italy.

**Landoni G (Scientific Committee and Chairman)** “Ischemic preconditioning: pro and contra debate”, 1<sup>st</sup> ITACTA Congress June 5<sup>th</sup> 2015, Florence, Italy.

**Landoni G (Chairman)** “Hemodynamics and cardiocirculatory problems”, XXVI SMART Congress, May 27<sup>th</sup> 2015, Milan, Italy.

**Landoni G (Speaker)** “Intensive care and anesthesia. Working with each and everyone”, Cardio-thoracic-vascular Meeting, April 29<sup>th</sup> 2015, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “The rationale behind the use of volatile Agents in the ICU”, The use of volatile anesthesia within the intensive care unit, April 28<sup>th</sup> 2015, Brescia, Italy.

**Landoni G (Speaker)** “Cardioprotection by volatile anesthetics in the perioperative period”, II All Russia Symposium “Perioperative Organ Protection”, April 9<sup>th</sup> 2015, Moscow, Russia.

**Landoni G (Speaker)** “Reducing perioperative mortality: randomized evidence”, II All Russia Symposium “Perioperative Organ Protection”, April 9<sup>th</sup> 2015, Moscow, Russia.

**Landoni G (Speaker)** “Kidneys - Pharmacological protection”, SCTS/ACTA annual meeting. March 25<sup>th</sup> 2015, Manchester, United Kingdom.

**Landoni G (Speaker)** “Reducing perioperative mortality: randomized evidence”, Consensus update, March 23<sup>rd</sup> 2015, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Preconditioning - true or false”, The Scandinavian Society of Anesthesiology and Intensive Care Medicine Training Programme in Cardiothoracic and Vascular Anesthesia and Intensive Care Medicine, March 17<sup>th</sup> 2015, Aarhus, Denmark.

**Landoni G (Speaker)** “Anesthesia during extracorporeal circulation - impact of epidural”, The Scandinavian Society of Anesthesiology and Intensive Care Medicine Training Programme in Cardiothoracic and Vascular Anesthesia and Intensive Care Medicine, March 17<sup>th</sup> 2015, Aarhus, Denmark.

**Landoni G (Scientific Director)** International consensus conference “Reducing Perioperative Mortality with Drugs or Non-Surgical Techniques/ Strategies: Randomized Evidence” (any adult surgery), March 6<sup>th</sup> 2015, IRCCS San Raffaele scientific institute, Milan, Italy.

**Landoni G (Speaker)** “Effect of inotropic and vasoconstrictor drugs on survival”, 8<sup>th</sup> International Congress of Hemodynamic Monitoring, February 28<sup>th</sup> 2015, Zagreb, Croatia.

**Landoni G (Speaker)** “Towards zero-perioperative mortality”, 6<sup>th</sup> International Congress Aortic Surgery and Anesthesia “How to do it”, December 12<sup>th</sup> 2014, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Perioperative management of the ECMO patient”, O Norte da Anesthesia, 2014 Porto Anaesthesiology International Congress, November 22<sup>nd</sup> 2014, Porto, Portugal.

**Landoni G (Speaker)** “Use of Volatile Agents and Reduction of Mortality in Cardiac Surgery”, Brazilian Congress of Anesthesiology, November 16<sup>th</sup> 2014, Recife, Brazil.

**Landoni G (Speaker)** “Evidence based medicine and inotropic Support”, Symposium on acute heart failure: cardiac support, November 14<sup>th</sup> 2014, Pereira, Colombia.

**Landoni G (Speaker)** “Reducing mortality in the critical ill patient”, Symposium on acute heart failure: cardiac support, November 14<sup>th</sup> 2014, Pereira, Colombia.

**Landoni G (Speaker)** “Management of the difficult-to-wean patient and the low cardiac output syndrome”, Symposium on acute heart failure: cardiac support, November 14<sup>th</sup> 2014, Pereira, Colombia.

**Landoni G (Speaker)** “Perioperative Cardiac protection + Levosimendan to improve survival in the perioperative period and in the critically ill”, Symposium on acute heart failure: cardiac support, November 13<sup>th</sup> 2014, Pereira, Colombia.

**Landoni G (Chairman)** Le infezioni associate alle pratiche assistenziali nelle unità di terapia intensiva, 28<sup>th</sup> October 2014, Cagliari, Italy.

**Landoni G (Speaker)** “Shall we treat cancer with extracorporeal techniques?”, L’assistenza ospedaliera...la ricerca...la tradizione...October 11<sup>th</sup> 2014, Roccella Jonica (RC), Italy.

**Landoni G (Chairman)** “Impact of patient characteristics on outcome”, ESICM LIVES 2014, October 1<sup>st</sup> 2014, Barcelona, Spain.

**Landoni G (Speaker)** “A randomized trial of fenoldopam for the prevention and treatment of acute kidney injury after cardiac surgery”, ESICM LIVES 2014, October 1<sup>st</sup> 2014, Barcelona, Spain.

**Landoni G (Chairman)** “Poster session XIII: Cardiac Anaesthesia”, EACTAIC - ICCVA Joint Congress 2014 (Appropriate Care in the face of Reduced Resources and increased Morbidity), September 19<sup>th</sup> 2014, Florence, Italy.

**Landoni G (Scientific Director)** “Sedation scores in the Intensive Care Unit”, Grand rounds in anesthesia and intensive care, June 11<sup>th</sup> 2014, IRCCSSan Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Hot topics in Critical Care medicine. Last year’s top publications”, European Society of Anaesthesiology, June 1<sup>st</sup> 2014, Stockholm, Sweden.

**Landoni G (Speaker)** “Le frontiere della farmacologia”, May 22<sup>nd</sup> 2014, Natural History Museum, Milan, Italy.

**Landoni G (Speaker)** “Cardiac protection by volatile anesthetics, updated evidence”, 61<sup>st</sup> annual meeting of JSA, May 15<sup>th</sup> 2014, Yokohama, Japan.

**Landoni G (Speaker)** “Preventing renal failure. Fenoldopam in renal protection”, International Symposium on Intensive Care and Emergency Medicine ISICEM, March 21<sup>st</sup> 2014, Brussels, Belgium.

**Landoni G (Speaker)** “Which multicenter RCTs show a reduced mortality in critically ill patients?”, International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup> 2014, Brussels, Belgium.

**Landoni G (Speaker)** “Desmopressin (DDAVP)?”, International Symposium on Intensive Care and Emergency Medicine, March 19<sup>th</sup> 2014 ISICEM, Brussels, Belgium.

**Landoni G (Chairman)** “High Risk Surgery”, International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup> 2014, Brussels, Belgium.

**Landoni G (Speaker)** “How we made progress...in renal failure”, International Symposium on Intensive Care and Emergency Medicine ISICEM, March 18<sup>th</sup> 2014, Brussels, Belgium.

**Landoni G (Speaker)** “Consensus Conference on Critical Illness”, Critical Care Without Walls, March 11<sup>th</sup> and 12<sup>th</sup> 2014, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Director)** “Animal research: a model of cardiac arrest in the rat”, Grand rounds in anesthesia and intensive care. December 20<sup>th</sup> 2013, San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Director)** “Ventilazione non invasiva: mai senza!”, Grand rounds in anesthesia and intensive care, November 28<sup>th</sup> 2013, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “The role of levosimendan in cardiac surgery”, 20<sup>th</sup> Annual Congress of the Hungarian Society of Cardiac Surgery, 8<sup>th</sup> November 2013, Debrecen, Kolcsey Kozpont, Hungary.

**Landoni G (Speaker)** “Network meta-analyses”, Grand rounds in anesthesia and intensive care, October 29<sup>th</sup> 2013, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Anesthetic Cardiac Protection in CABG Surgery- Fact or Fiction?” Blockkurse Anästhesiologie Blockkurs III / 2013 Cardiac Anesthesia. September 2<sup>nd</sup> 2013, University Hospital, Basel, Switzerland.

**Landoni G (Speaker)** “Improving Outcome in Cardiac Surgery: Milrinone, Levosimendan, IABP, ECMO?”, Blockkurse Anästhesiologie Blockkurs III / 2013 Cardiac Anesthesia, September 3<sup>rd</sup> 2013, University Hospital, Basel, Switzerland.

**Landoni G (Scientific Director)** First International Consensus Conference: “Improving Survival in Adult Critically Ill Patients. Multicenter Randomized Evidence”, June 20<sup>th</sup> 2013, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Director)** “Conducting and interpreting a Meta-Analysis of Randomized Controlled Trials”, June 13<sup>th</sup>-14<sup>th</sup> 2013, April 22<sup>th</sup>-23<sup>th</sup> 2013, March 11<sup>th</sup> - 12<sup>th</sup> 2013, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Italian Multicenter Trials”, Collaborative Clinical Trials in Anaesthesia and Intensive Care Congress, June 7<sup>th</sup> 2013, Monash University, Prato, Italy.

**Landoni G (Speaker)** “Levosimendan to improve survival in critically ill patients”, XV Gdańsk Cardiac Surgical Meetings, January 18<sup>th</sup> 2013, Gdańsk, Poland.

**Landoni G (Speaker)** “New inotropes: Levosimendan” 5th International Congress Aortic Surgery and Anesthesia “How to do it”, 13 – 15<sup>th</sup> December 2012, San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Lecturer)** “Importance and limitations of RCTs and meta-analyses in critical care medicine”, 14th CARACT congress, Novembre 15-17<sup>th</sup> 2012, Lido di Camaiore, Lucca, Italy.

**Landoni G (Speaker)** “Alogenate ischemic preconditioning”, XXVI SICCH National Congress, November 10-13<sup>th</sup> 2012, Rome, Italy.

**Landoni G (Chairman)** “What we should and what we should not do in adult cardiac surgery”, XXVI SICCH National Congress, November 10-13<sup>th</sup> 2012, Rome, Italy.

**Landoni G (Scientific Director)** “Basic Life Support Defibrillation & Advanced Life Support”, November 8<sup>th</sup>-9<sup>th</sup> 2012, October 18<sup>th</sup>-19<sup>th</sup> 2012, October 11<sup>th</sup>-12<sup>th</sup> 2012, October 13<sup>th</sup>-14<sup>th</sup> 2011, May 19<sup>th</sup>-20<sup>th</sup> 2011, May 5<sup>th</sup>-6<sup>th</sup> 2011, San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Mortality reduction in cardiac anesthesia and intensive care: results of the first International Consensus Conference”, The 3<sup>rd</sup> International Symposium for Cardiac Anesthesia (3<sup>rd</sup> ISCA) and the 17<sup>th</sup> Annual Meeting of Japanese Society of Cardiovascular Anesthesiologists (17<sup>th</sup> JSCVA), September 15<sup>th</sup> 2012, Sendai, Japan.

**Landoni G (Scientific Director)** “How to read a scientific paper”, San Raffaele Scientific Institute, July 17<sup>th</sup> 2012 and May 2<sup>nd</sup> 2011, Milan, Italy.

**Landoni G (Speaker)** “The latest meta-analysis on levosimendan: cardiology and intensive care”, Symposium “A cardioprotective inodilator-from bench to bedside”, May 21<sup>st</sup> 2012, Belgrade, Serbia.

**Landoni G (Speaker)** “Meta-analysis on levosimendan in cardiologic and critically ill patients”, Cardiovascular Preconditioning JORNADAS DE PRECONDICIONAMIENTO CARDIOVASCULAR, March 26<sup>th</sup> 2012, Madrid, Spain.

**Landoni G (Speaker)** “What can reduce postoperative mortality?” - Postoperative complications, 32<sup>nd</sup> International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup>-22<sup>th</sup> 2012, Brussels, Belgium.

**Landoni G (Speaker)** “A place for fenoldopam?”- Renal therapy, 32<sup>nd</sup> International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup>-22<sup>th</sup> 2012, Brussels, Belgium.

**Landoni G (Speaker)** “The case for levosimendan”- Cardiac failure, 32<sup>nd</sup> International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup>-22<sup>th</sup> 2012, Brussels, Belgium.

**Landoni G (Speaker)** “The mask with holes”- Non-invasive ventilation, 32<sup>nd</sup> International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup>-22<sup>nd</sup> 2012, Brussels, Belgium.

**Landoni G (Moderator)** “Delirium”- Standard presentation, 32<sup>nd</sup> International Symposium on Intensive Care and Emergency Medicine ISICEM, March 19<sup>th</sup>-22<sup>nd</sup> 2012, Brussels, Belgium.

**Landoni G (Scientific Director)** First International Consensus Conference: “Improving Survival in Adult Critically Ill Patients with or at Risk for Acute Kidney Injury (AKI)”. February 14<sup>th</sup> 2012, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Mortality reduction in cardiac anesthesia and intensive care: results of the first International Consensus Conference”, November 25<sup>th</sup>-26<sup>th</sup> 2011, Chandigarh, India.

**Landoni G (Speaker)** “Reducing perioperative mortality in adult surgery”, November 22<sup>nd</sup> 2011, Università degli Studi di Torino – Dipartimento di Discipline Medico Chirurgiche, Sezione di Anestesia e Rianimazione, Turin, Italy.

**Landoni G (Scientific Director)** “Corso di Cardioprotezione” November 17<sup>th</sup>-18<sup>th</sup> 2011, October 27<sup>th</sup>-28<sup>th</sup> 2011, September 29<sup>th</sup>-30<sup>th</sup> 2011, May 12<sup>th</sup>-13<sup>th</sup> 2011, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Protezione cardiaca perioperatoria: dalla riduzione dei cardiac biomarkers al miglioramento della sopravvivenza”, 13<sup>o</sup> Congresso Nazionale CARACT, November 3<sup>rd</sup>-5<sup>th</sup> 2011, Rome, Italy.

**Landoni G (Speaker)** “Prevention and treatment of acute renal failure in the critically ill patient”, 65<sup>th</sup> SIAARTI congress, October 5<sup>th</sup>-8<sup>th</sup> 2011, Turin, Italy.

**Landoni G (Speaker)** “Reducing mortality in the critically ill patient with or at risk for acute renal failure”, 65<sup>th</sup> SIAARTI congress, October 5<sup>th</sup>-8<sup>th</sup> 2011, Turin, Italy.

**Landoni G (Speaker)** “New inotropes in cardiac surgery”, II Congreso Internacional Nuevas Fronteras en la Intervención Cardiovascular, July 27<sup>th</sup>-28<sup>th</sup> 2011, Clínica El Rosario, Medellín, Colombia.

**Landoni G (Speaker)** “Clinical safety in cardiac surgery”, II Congreso Internacional Nuevas Fronteras en la Intervención Cardiovascular, July 27<sup>th</sup>-28<sup>th</sup> 2011, Clínica El Rosario, Medellín, Colombia.

**Landoni G (Scientific Director)** First International Consensus Conference: “Reducing Perioperative Mortality with Drugs or Non-Surgical Techniques/Strategies” (any adult surgery), June 8<sup>th</sup> 2011, IRCCS San Raffaele scientific institute, Milan, Italy.

**Landoni G (Speaker)** “I risultati della Consensus Conference Internazionale”, 2° Corso di Aggiornamento interdisciplinare sul paziente cardiopatico da sottoporre a chirurgia cardiaca, April 14<sup>th</sup>-15<sup>th</sup> 2011, Camera di Commercio di Taranto, Cittadella delle Imprese, Taranto, Italy.

**Landoni G (Speaker)** “Ricerca traslazionale nell’urgenza ed emergenza cardiovascolare ospedaliera e territoriale”, Workshop sulla ricerca biomedica traslazionale “Dal Laboratorio alla clinica”, Auditorium Giorgio Gaber, Palazzo della Regione Lombardia, March 21<sup>st</sup> 2011, Milan, Italy.

**Landoni G (Scientific Committee and Speaker)** “New inotropic agents and survival: Levosimendan”, Aortic Surgery and Anesthesia “How to do it”, December 17<sup>th</sup>-18<sup>th</sup> 2010, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Cosa influenza la mortalità?”, XXII CARACT Congress, November 17<sup>th</sup>-19<sup>th</sup> 2010. CNR- Area della Ricerca, Pisa, Italy.

**Landoni G (Speaker)** “Reducing mortality in cardiac anesthesia and intensive care”, in “Improving perioperative management to improve patient’s outcome”, XXV SICCH National Congress, November 6<sup>th</sup>-9<sup>th</sup> 2010, Rome, Italy.

**Landoni G (Chairman)** Round Table “Officina dello scompenso: Levosimendan un’unica molecola per tre scenari clinici complessi”, 64° Congresso SIAARTI, October 15<sup>th</sup> 2010, Parma, Italy.

**Landoni G (Scientific Director)** “Papers, Poster, Presentations: Communicating the biomedical sciences” (“Basic statistics” “Fighting with the reviewers” “Trends in anesthesiology and intensive care”), September 30<sup>th</sup>, September 23<sup>rd</sup>, June 17<sup>th</sup> 2010, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Cardioprotezione e gas in sedazione”, Update in Anesthesia, September 24<sup>th</sup> 2010, San Giovanni Battista Molinette Hospital, Turin, Italy.

**Landoni G (Speaker)** “Levosimendan mechanism of action: did we reach a consensus?”, Expert Meeting, September 1<sup>st</sup> 2010, First Hotel Royal Star, Stockholm, Sweden.

**Landoni G (Chairman)** “Levosimendan: casi clinici”. V Meeting Biennale di ClubARENA, 5<sup>th</sup>-7<sup>th</sup> May 2010, Città della Scienza, Naples, Italy.

**Landoni G (Speaker)** “Levosimendan: Chirurgia vascolare e cardiaca”, V Meeting Biennale di ClubARENA, 5<sup>th</sup> - 7<sup>th</sup> May 2010, Città della Scienza, Naples, Italy.

**Landoni G (Speaker)** “Spunti da un ampio studio multicentrico italiano randomizzato in corso (Fenoldopam vs Placebo)”, V Meeting Biennale di ClubARENA, 5<sup>th</sup>-7<sup>th</sup> May 2010, Città della Scienza, Naples, Italy.

**Landoni G (Scientific Committee and Speaker)** “Utilizzo perioperatorio del levosimendan”, 1° Corso di aggiornamento Interdisciplinare sul paziente cardiopatico da sottoporre a chirurgia cardiaca, April 15<sup>th</sup>-16<sup>th</sup> 2010, Camera di Commercio, Taranto, Italy.

**Landoni G (Speaker)** “Cardiac protection by volatile agents in cardiac and non cardiac surgery”, 13th National Congress of Indian Association of Cardiovascular and Thoracic Anesthesiologists (IACTA) 2010, February 26<sup>th</sup> 2010, Kolkata, India.

**Landoni G (Scientific Director)** “Winning the Publications Game – How to Develop Effective Abstracts and Manuscripts in Anesthesia”, “Research and publishing trends in anesthesia”, “The importance of statistics: from the architecture to the endpoints”, “Methodology exercise”, “Surviving the peer review process in anesthesia”, “The peer review in anesthesia”, February 15<sup>th</sup>-16<sup>th</sup> 2010, Policlinico Gemelli, Roma, and February 11<sup>th</sup>- 12<sup>th</sup> 2010, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Effetto cardioprotettivo degli anestetici short acting”, Heart and perioperative care: new role for short acting drugs, November 7<sup>th</sup> 2009, Mogliano Veneto (TV), Italy.

**Landoni G (Speaker)** “I farmaci importanti in cardiocirurgia: esistono?”, 11° Corso Nazionale di aggiornamento in anestesia e rianimazione cardiotoracica (CARACT), October 23<sup>th</sup> 2009, Bergamo, Italy.

**Landoni G (Speaker)** “I betabloccanti in cardiocirurgia sono un bene o un male?”, 63° Congresso SIAARTI, August 29<sup>th</sup>- September 1<sup>st</sup>2009, Firenze, Italy.

**Landoni G (Speaker)** “Esmololo nei pazienti a rischio sottoposti a interventi di chirurgia addominale maggiore: un modello di approccio perioperatorio”, 63° Congresso SIAARTI, August 29<sup>th</sup>- September 1<sup>st</sup> 2009, Firenze, Italy.

**Landoni G (Scientific Committee)** “Effetto cardioprotettivo degli anestetici short acting”, Heart and Perioperative Care: New role for for short acting drugs, June 15<sup>th</sup> 2009, Bergamo, Italy.

**Landoni G (Chairman)** “Inhalational anesthetics and organ protection”, XX SMART Congress, May 7<sup>th</sup> 2009, Milan, Italy.

**Landoni G (Chairman)** “Beta-blockers in Cardiac Surgery: good or bad? Pro & Con.”, XX SMART Congress, May 6<sup>th</sup> 2009, Milan, Italy.

**Landoni G (Speaker)** “Pharmacological pre-emptive strategies: give me the magic bullet, please” VI InterCEPT 2009, April 17<sup>th</sup> 2009, Milan, Italy.

**Landoni G (Speaker)** “Protein C zymogen as adjuvant treatment of severe sepsis in heart surgery patients”, 9° International Winter Meeting on Coagulation “Basic, Laboratory and Clinical Aspects of Venous and Arterial Thromboembolic Disease”, April 1<sup>st</sup>-4<sup>th</sup> 2009, Bormio (SO), Italy.

**Landoni G (Speaker)** “Cardioprotezione nel perioperatorio”, Tutorial in General Anaesthesia, March 28<sup>th</sup> 2009, Hotel Michelangelo, Milan, Italy.

**Landoni G (Speaker)** “La proteina C zimogeno nel paziente adulto”, Workshop “Alterazioni emocoagulative nella sepsi: ruolo della proteina C”, February 19<sup>th</sup> 2009, Ospedale Riuniti di Bergamo, Bergamo, Italy.

**Landoni G (Scientific Committee and Speaker)** “Volatile anesthetics reduce perioperative mortality in cardiac surgery”, Aortic Surgery and Anesthesia “How to do it”, December 11<sup>th</sup>-13<sup>th</sup> 2008, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Scientific Committee)** “Perioperative anesthesiological challenges of the unfit patient “ideal candidate” of transfemoral aortic valve implantation”, Aortic Surgery and Anesthesia “How to do it”, December 11<sup>th</sup>-13<sup>th</sup> 2008, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “How to write an article for publication: Review Articles/Systematic Reviews “RSACPCON 2008, XVIII Biennial National Conference, November 16<sup>th</sup> 2008, Kolkata, India.

**Landoni G (Speaker)** “Does the choice of anaesthetic influence outcome”, RSACPCON 2008, XVIII Biennial National Conference, November 15<sup>th</sup> 2008, Kolkata, India.

**Landoni G (Speaker)** “Do perioperative pharmacological interventions affect outcome?” 1948 – 2008 Happy Birthday Anesthesia, November 7<sup>th</sup> 2008, Torino, Italy.

**Landoni G (Speaker)** “I beta bloccanti nel perioperatorio: quale ruolo per l’esmololo?”, 10° Corso Nazionale di aggiornamento in anestesia e rianimazione cardiotoracica (CARACT), November 5<sup>th</sup>-7<sup>th</sup> 2008, Lucca, Italy.

**Landoni G (Speaker)** “Indicazioni al ricovero postoperatorio in TIPO nel paziente cardiopatico sottoposto a chirurgia non cardiaca”, 62° Congresso SIAARTI, October 14<sup>th</sup>-17<sup>th</sup> 2008, Palermo, Italy.

**Landoni G (Chairman)** “Problematiche perioperatorie del paziente cardiocirurgico”, 62° Congresso SIAARTI, October 14<sup>th</sup>-17<sup>th</sup> 2008, Palermo, Italy.

**Landoni G (Chairman)** “Esmololo: una nuova opportunità – Diverse prospettive per diversi scenari”, 62° Congresso SIAARTI, October 14<sup>th</sup>-17<sup>th</sup> 2008, Palermo, Italy.

**Landoni G (Speaker)** “I miorellassanti steroidei e benzilisoquinolinici”, Congresso “I miorellassanti – vecchie abitudini e nuove prospettive”, October 3<sup>rd</sup> 2008, Hotel Hilton, Milan, Italy.

**Landoni G (Speaker)** “La sepsi nell’adulto dopo intervento cardiocirurgico”, Corso “La gestione del paziente critico in squilibrio emocoagulativo”, September 17<sup>th</sup> 2008, Hotel del Re, Dozza Imolese (BO), Italy.

**Landoni G (Speaker)** “Principi di valutazione clinica del paziente sottoposto a chirurgia dello scompenso cardiocircolatorio”, Master in Cardiothoracic and Vascular Intensive Care, Vita-Salute University San Raffaele, July 29<sup>th</sup> 2008, Milan, Italy.

**Landoni G (Speaker)** “Meta-analisi”, Dal progetto alla pubblicazione: one-day tutorial course per giovani ricercatori clinici, IRCCS Policlinico S. Donato, June 30<sup>th</sup> 2008, San Donato, Milan, Italy.

**Landoni G (Scientific Director)** “La cardioprotezione”, Corso Teorico Pratico, June 24<sup>th</sup>-25<sup>th</sup>, May 6<sup>th</sup>-7<sup>th</sup>, April 15<sup>th</sup>-16<sup>th</sup>, March 11<sup>th</sup>-12<sup>th</sup>, February 12<sup>th</sup>-13<sup>th</sup> 2008, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Uso del beta-blocco ultrabreve nel paziente a rischio”, 3rd International Meeting, DIALOGUES on ANAESTHESIA and INTENSIVE CARE, June 23<sup>rd</sup>-25<sup>th</sup> 2008, Complesso Universitario Monte S. Angelo, Naples, Italy.

**Landoni G (Speaker)** “Any best in cardiac anesthesia?”, XIX CONGRESSO SMART, May 28<sup>th</sup>-30<sup>th</sup>2008, Milan, Italy.

**Landoni G (Speaker)** “Riduzione di mortalità e di necessità trattamento sostitutivo renale in chirurgia cardiovascolare con l’utilizzo di fenoldopam. Una meta-analisi”, IV Meeting Biennale di ClubARENA 2008, May 7<sup>th</sup>-9<sup>th</sup> 2008, Città della Scienza, Naples, Italy.

**Landoni G (Speaker)** “Pazienti ad alto rischio di sanguinamento: quale proteina C”, IV Meeting Biennale di ClubARENA 2008, May 7<sup>th</sup>-9<sup>th</sup> 2008, Città della Scienza, Naples, Italy.

**Landoni G (Speaker)** “Cardioprotection with desflurane and sevoflurane”, 8<sup>th</sup> expert meeting of the Croatian Association of Anesthesiology and ICM, April 11<sup>st</sup> 2008, Pula, Croazia.

**Landoni G (Speaker)** “Cardioprotective properties of volatile anaesthetics, from cardiac to non-cardiac anesthesia”, Minrad International Distributor Meeting, March 1<sup>st</sup> 2008, Cape Town, South Africa.

**Landoni G (Speaker)** “Uso del fenoldopam nel perioperatorio”, STAR, November 15<sup>th</sup> 2007, Rome, Italy.

**Landoni G (Speaker)** “Prevention of cardiac damage by inhalation anaesthesia – is the assumption evidence based?”, APICE, November 9<sup>th</sup> 2007, Venice, Italy

**Landoni G (Speaker)** “Cardioprotezione da alogenati nei pazienti cardiopatici non cardiocirurgici”, 61° CONGRESSO SIAARTI, October 18<sup>th</sup>-20<sup>th</sup> 2007, Torino, Italy.

**Landoni G (Speaker)** “Fenoldopam in cardiovascular surgery”, 61° CONGRESSO SIAARTI, October 18<sup>th</sup>-20<sup>th</sup> 2007, Torino, Italy.

**Landoni G (Speaker)** “Il trattamento al cuore scompensato: un approccio razionale”, IX Congresso “Corso Nazionale di aggiornamento in anestesia e rianimazione cardiotoracica (CARACT)”, October 4<sup>th</sup>-6<sup>th</sup> 2007, Bergamo, Italy.

**Landoni G (Speaker)** “Protezione farmacologica”, V CONGRESSO SIARED, September 20<sup>th</sup>-22<sup>th</sup> 2007, Napoli.

**Landoni G (Speaker)** “Ottimizzazione farmacologica pre-operatoria”, V CONGRESSO SIARED, September 20<sup>th</sup>-22<sup>th</sup> 2007, Napoli.

**Landoni G (Speaker)** “La cardioprotezione in anestesia: quale impatto sull’outcome?”, XVIII CONGRESSO SMART, May 30<sup>th</sup>-31<sup>th</sup>, June 1<sup>st</sup> 2007, Milan, Italy.

**Landoni G (Speaker)** “Prevenzione del danno miocardico con anestetici volatili: un effetto importante in chirurgia non cardiaca”, XVIII CONGRESSO SMART, May 30<sup>th</sup>-31<sup>th</sup>, June 1<sup>st</sup> 2007, Milan, Italy.

**Landoni G (Chairman)**, “Importanti fattori di rischio cardiovascolare in anestesia” XVIII CONGRESSO SMART, May 30<sup>th</sup>-31<sup>th</sup>, June 1<sup>st</sup> 2007, Milan, Italy.

**Landoni G (Speaker)** “Meta-analisi”, Management delle complicanze emodinamiche: prevenire il danno ischemico. Fenoldopam è una soluzione?, February 16<sup>th</sup> 2007, Hotel Michelangelo, Milan, Italy

**Landoni G (Scientific Committee and Speaker)** “Fenoldopam in the perioperative period and in critically ill patients. A meta-analysis of 16 randomized studies”, European Association of Cardiothoracic Anaesthesiologists (EACTA 2006), May 26<sup>th</sup> 2006, Venice, Italy.

**Landoni G (Speaker)** “Precondizionamento Miocardico Farmacologico da Anestetici Alogenati”, III Nuove Frontiere nella Diagnostica e Terapia Cardiovascolare. Dalla fisiologia clinica alla biologia clinica”, April 27<sup>th</sup>-28<sup>th</sup> 2006, Baveno, Italy.

**Landoni G (Speaker)** “Myocardial preconditioning: an overview”, III InterCEPT 2006, April 8<sup>th</sup> 2006, Milan, Italy.

**Landoni G (Speaker)** “Renal protection by fenoldopam in cardiac surgery patients”, International Symposium "Cardiac surgery and nephrology", March 25<sup>th</sup> 2006, Offenburg, Germany.

**Landoni G (Speaker)** “Risultati clinici del preconditionamento”, La moderna anestesia bilanciata. Anestesia generale e protezione cardiaca, October 15<sup>th</sup> 2005, Rome, Italy.

**Landoni G (Speaker)** “Il fenoldopam in cardiocirurgia” CARACT 2005, VIII Corso Avanzato di Anestesia e Rianimazione Cardiotoracica, October 20<sup>th</sup>-22<sup>nd</sup> 2005, Siena, Italy.

**Landoni G (Speaker)** “Anestetici e Precondizionamento Ischemico: Evidenze Cliniche”, Precondizionamento. La moderna anestesia bilanciata. Anestesia generale e protezione cardiaca. September 17<sup>th</sup> 2005, Monserrato (CA), Italy.

**Landoni G (Speaker)** “Rischio cardiovascolare perioperatorio”, Corso di aggiornamento SIAARTI, La moderna anestesia bilanciata Anestesia generale e Protezione d'organo, July 9<sup>th</sup> 2005, Verona, Italy.

**Landoni G (Speaker)** “Precondizionamento e Cardioprotezione”, Giornata di aggiornamento in anestesia, July 1<sup>st</sup> 2005, Francavilla al Mare, Chieti, Italy.

**Landoni G (Speaker)** “Anestetici alogenati e cardioprotezione: quale conferma?”, Corso di aggiornamento SIAARTI, La moderna anestesia bilanciata Anestesia generale e Protezione, June 18<sup>th</sup> 2005, IRCCS San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Effetti cardiovascolari degli anestetici alogenati ed endovenosi”, Meeting di Caserta: I° giornata Campana di aggiornamento in anestesia generale, May 6<sup>th</sup> 2005, Grand Hotel Vanvitelli, Caserta, Italy.

**Landoni G (Speaker)** “Effetti cardiovascolari degli anestetici alogenati ed endovenosi”, Meeting di Palermo: I° giornata Palermitana di aggiornamento in anestesia generale, May 5<sup>th</sup> 2005 Hotel Villa Igea, Palermo, Italy.

**Landoni G (Speaker)** “Basic Life Support – Defibrillator”, April 7<sup>th</sup>, April 21<sup>st</sup>, October 14<sup>th</sup>, December 15<sup>th</sup> 2005; March 22<sup>nd</sup>, March 31<sup>st</sup>, May 18<sup>th</sup>, November 23<sup>rd</sup>, 2006 October 10<sup>th</sup>, October 24<sup>th</sup>, October 26<sup>th</sup> 2007, IRCCS San Raffaele Scientific Institute, Milan, Italy

**Landoni G (Speaker)** “Protezione cardiaca e anestesia bilanciata”, Update sulla moderna anestesia bilanciata in circuito a bassi flussi, September 19<sup>th</sup>-21<sup>st</sup> 2005, May 9<sup>th</sup>-11<sup>th</sup> 2005, March 7<sup>th</sup>-9<sup>th</sup> 2005, San Raffaele Scientific Institute, Milan, Italy.

**Landoni G (Speaker)** “Precondizionamento: evidenze cliniche”, Lab 2004, December 9<sup>th</sup>-10<sup>th</sup> 2004, Pisa, Italy.

**Landoni G (Speaker)** “Myocardial damage and cardiac troponin I release”. 58° Congresso Nazionale SIAARTI, October 27<sup>th</sup>-30<sup>th</sup> 2004, Genova, Italy.

## **WEB/REMOTE CONFERENCES BEFORE 2020**

**Landoni G (Speaker)** “Inotropic support after cardiac surgery” April 5<sup>th</sup> 2017, Rome and other 19 cities in Italy, organized by PROXIMA with the support of SIAARTI.

**Landoni G (Speaker)** “Volatile Cardiac protection in the Perioperative period”. Remote conference, XXII Anesthesia Course - Clinicas Colsanitas, February 14<sup>th</sup> 2015, Bolivia.

**Landoni G (Speaker)** “Reducing Perioperative Mortality: randomized evidence. A consensus conference update”. Remote conference, XXII Anesthesia Course - Clinicas Colsanitas, February 14<sup>th</sup> 2015, Bolivia.

**Landoni G (Speaker)** “Inotropes and survival. The largest meta-analysis of RCTs ever”. Remote conference, Anesthesia Course - Clinicas Colsanitas, February 14<sup>th</sup> 2015, Bolivia.

**Landoni G (Speaker)** “Practical Approach to Phase IV studies, Real life case study” in Best Practice in Phase IV studies. May 25<sup>th</sup> 2011. Webinar platform. Kakushin group.

**Participation in randomized clinical trials approved by the Ethical Committee of the San Raffaele Scientific Institute (n=47).**

**Principal Investigator or Study Coordinator of the following 12 investigator-driven multicentric RCTs.**

Acute normovolemic hemodilution in cardiac surgery. A randomized trial (ANH). Monaco F (Principal Investigator), Zangrillo A, **Landoni G**, Franco A, Gerli C, Crivellari M, De Luca M, Di Tomasso N, Greta F, Fominskiy E, Frau G, Mucchetti M, Oriani A, Pieri M, Di Prima A, Licheri M, Barucco G. 2018 --

Pirfenidone to prevent fibrOsis in ARDS. A RaNdomizEd controllEd tRial (PIONEER). Di Tomasso N (Principal Investigator), Monti G, Beccaria P, Colombo S, Leggieri C, Moizo E, Mucci M, Silvani P, Plumari V, Borghi G, Pasculli N, La Bruna A, Redaelli Baiardo M, **Landoni G**, Zangrillo A, Scandroglio AM, Calabrò MG, Fominskiy E, Franco A, Ajello S, Belletti A, Dell'Acqua A. 2021 --, ClinicalTrials.gov Identifier NCT05075161

Intravenous amino acid therapy for kidney protection in cardiac surgery: a multi-centre randomized blinded placebo controlled clinical trial (PROTection). **Landoni G** (Principal Investigator), Zangrillo A, Monaco F, Pappalardo F, Fominsky E, Scandroglio AM, Calabrò MG, Melisurgo G, Crivellari M, Di Tomasso N, Mucchetti M, Oriani A, Pieri M, Ajello S. 2018 -- ClinicalTrials.gov Identifier NCT03709264

Proton pump inhibitors (PPI) as a new strategy for therapy in sepsis: clinical trial to reduce severity of organ failure and in vitro experiments to search specific hallmarks in monocytes from septic patients and to characterize the mechanism of action of PPI. Monti G (Principal Investigator), Nuzzi M, Cabrini L, Leggieri C, Colombo S, **Landoni G**, Zangrillo A. 2018 --, ClinicalTrials.gov Identifier NCT03452865

Continuous infusion versus intermittent administration of meropenem in critically ill patients. A multicenter randomized double blind trial (MERCY). Zangrillo A (Principal Investigator), **Landoni G**, Monti G, Colombo S, Cabrini L, Mucci M, Leggieri C, Moizo E, Beccaria P, Mamo D, Vinciguerra F, Plumari V, Greco M, Pintaudi M, Bellandi M. 2017 --, ClinicalTrials.gov Identifier NCT03452839

Ischaemic PREconditioning In Non Cardiac surgEry (PRINCE trial). A multi-centre randomized double blind controlled clinical trial in high risk non-cardiac surgery patients. **Landoni G**. 2015, ClinicalTrials.gov Identifier NCT02427867

MYRIAD: Volatile Anesthetics to Reduce Mortality in Cardiac Surgery, a Multicentre Randomized Controlled Study. Alberto Zangrillo (Principal Investigator). Severi L, Manzato A, Zucchetti M, Erice F, Pala G, Alvaro G, Pittarello D, Bignami E, Bove T, Calabrò MG, Cama F, Covello RD, Crivellari M, De Luca M, Fano G, Franco AL, Frau G, Gerli C, **Landoni G**, Maj G, Melisurgo G, Messina M, Monaco F, Pappalardo F, Ruggeri L, Scandroglio AM. 2014 ClinicalTrials.gov Identifier NCT02105610

Early Non-invasive Ventilation Outside the Intensive Care Unit. A Randomized Trial. "Early-NIV. La ventilazione non invasiva per prevenire la necessità di ricovero in terapia intensiva nei pazienti

con insufficienza respiratoria acuta”. e-NIV Luca Cabrini (Principal Investigator). Cabrini L, Pasin L, **Landoni G**, Beretta L, Zangrillo A. 2012, ClinicalTrials.gov Identifier: NCT01572337

Levosimendan in High Risk Patients Undergoing Cardiac Surgery. A Randomized Multicenter Trial. “Levosimendan in pazienti cardiocirurgici ad alto rischio. Uno studio multicentrico randomizzato” Giovanni Landoni (Principal Investigator) CHEETAH. **Landoni G**, Bignami E, Bove T, Calabrò MG, Fano G, Monaco F, Nuzzi M, Ajello V, Covello RD, Melisurgo G, Prati P, Mizzi A, Zambon M, Marino G, Zangrillo A. 2009, ClinicalTrials.gov Identifier: NCT00994825

Sevoflurane in Cardiac Protection of High Risk Patients undergoing Cardiac Surgery. A Randomized Multicenter Trial. “Protezione cardiaca con sevoflurane in pazienti ad alto rischio sottoposti a cardiocirurgia. Studio randomizzato e controllato”. Codice: SEVO-AIFA (AIFA FARM6H73Z9). **Landoni G**, Calabrò MG, Covello RD, Crivellari M, Gerli C, Monaco F, Nuzzi M, Bove T, Scandroglio AM, Marino G, Crescenzi G, Zangrillo A. 2008--2011, ClinicalTrials.gov Identifier NCT00821262

Fenoldopam and Acute Renal Failure. A Randomized Multicenter Trial. “Fenoldopam e insufficienza renale acuta”. Bove T, **Landoni G**, Marino G, Crescenzi G, Calabrò MG, Scandroglio AM, Bignami E, Covello RD, Pappalardo F, Zangrillo A. 2007, ClinicalTrials.gov Identifier NCT00621790

Desmopressin in Cardiac Surgery. A Randomized Multicenter Trial. “Efficacia della somministrazione di desmopressina in pazienti con sanguinamento attivo dopo intervento cardiocirurgico” Crescenzi G, Marchetti C, **Landoni G**, Zangrillo A. 2006, ClinicalTrials.gov Identifier NCT00337766

### **National Principal Investigator of the following 10 investigator-driven International RCTs.**

Peri-Operative ISchemic Evaluation (POISE 3). **Landoni G** (Principal Investigator), Zangrillo A, Beretta L, Silvani P, Agostoni M, Caldi M, Colnaghi E, Comotti L, Deni F, Giorgi E, Meani R, Perotti V, Turi S, Di Tomasso N, Pieri M, Monaco F, Carozzo A, Cornero G, Crescenti A, Fiori R, Magrin S, Mattioli C, Dell’Acqua A. 2020 -- ClinicalTrials.gov Identifier NCT03505723

COLchicine For The Prevention Of Perioperative Atrial Fibrillation In Patients Undergoing Thoracic Surgery (COP-AF). **Landoni G** (Principal Investigator), Carretta A, Cavenago F, Mennella R, Barucco G, Carozzo A, Cornero G, Crescenti A, Di Tomasso N, Fiori R, Magrin S, Mattioli C, Mennella R, Monaco F, Ferrara B, Dott. Marzaroli M. 2020 -- ClinicalTrials.gov Identifier NCT03310125

Cardiac Arrest Trial - Targeted therapeutic mild hypercapnia after resuscitated cardiac arrest: A phase III multi-centre randomised controlled trial (TAME). Promotore: ANZIC Research Centre. **Landoni G** (Principal Investigator), Zangrillo A, Colombo S, Cabrini L, Monti G, Borghi G, Cuffaro R. 2018

Standard versus accelerated initiation of renal replacement therapy in acute kidney injury. A multi-centre, randomized, controlled Trial (STARRT-AKI). Promotore: St. Michael’s Hospital. **Landoni G** (Principal Investigator), Zangrillo A, Pappalardo F, Slaviero G, Cabrini L, Monti G, Plumari Plumari V, Bove T, Scandroglio AM, Calabrò MG, Ajello S, Melisurgo G, Frassanito C. 2017 -- 2020

HIP ATTACK - Hip fracture accelerated surgical treatment and care track trial. Promotore: Population Health Research Institute (PHRI). **Landoni G** (National Principal Investigator). 2016 - 2019

PHARLAP A multi-centre randomised controlled trial of an Open Lung Strategy including Permissive Hypercapnia, Alveolar Recruitment and Low Airway Pressure in patients with acute respiratory distress syndrome. Promotore: Anzic-RC Australia and New Zealand Intensive Care Research Centre. **Landoni G** (National Principal Investigator), Monti G (Co-investigator). 2016 - 2017

REstrictive versus LIBeral Fluid Therapy in Major Abdominal Surgery. ANZIC Research Centre. **Landoni G** (National Principal Investigator). 2014

Sedation Practices in Intensive Care Evaluation: SPICE III – A Prospective Multicentre Randomised Controlled Trial of Early Goal Direct Sedation vs. Standard Care Sedation. ANZIC Research Centre C. Leggieri (Principal Investigator), **Landoni G** (National Principal Investigator, Local Co-Investigator). 2013

The Atacas trial: Aspirin and Tranexamic Acid for Coronary Artery Surgery Trial. Studio randomizzato, multicentrico, internazionale. The Alfred Hospital, Melbourne, Australia, **Landoni G**. PMID:18215590 National principal investigator (9 centres in Italy). 2012--2015

“PeriOperative ISchemic Evaluation-2 Trial”. A large, international, placebo-controlled, factorial trial to assess the impact of clonidine and acetyl-salicylic acid (ASA) in patients undergoing noncardiac surgery who are at risk of a perioperative cardiovascular event. Population Health Research Institute, Hamilton General Hospital Campus, Hamilton, Ontario, Canada. **Landoni G**. National principal investigator (4 centres in Italy) and member of the steering committee. 2010--2014 ClinicalTrials.gov Identifier NCT01082874

**Participated to the following 25 RCTs approved by San Raffaele Scientific Institute Ethical Committee. Eleven of them were coordinated by Giovanni Landoni**

A phase 3, double-blind, randomized, placebo-controlled, multicenter study on the efficacy and safety of Reparixin in the treatment of hospitalized patients with severe COVID-19 pneumonia (REP0220) Zangrillo A, Landoni G. 2021—2021, ClinicalTrials.gov Identifier NCT04878055

Adaptive phase 2/3, randomized, controlled multicenter study on the efficacy and safety of Reparixin in the treatment of hospitalized patients with COVID-19 pneumonia (REPAVD19) Zangrillo A, Landoni G. 2020—2021, ClinicalTrials.gov Identifier NCT04794803

Randomized, Embedded, Multifactorial Adaptive Platform trial for Community-Acquired Pneumonia (REMAP-CAP) Zangrillo A, Landoni G. 2021--, ClinicalTrials.gov Identifier NCT02735707

MANAGE: Management of myocardial injury After NoncArdiac surGEry: A large, international, randomized, placebo-controlled trial to assess the impact of dabigatran (a direct thrombin inhibitor) and omeprazole (a proton-pump inhibitor) in patients suffering myocardial injury after noncardiac

surgery. Population Health Research Institute (PHRI). **Landoni G** (Local Principal Investigator). 2015

Tranexamic acid in major vascular surgery. (TRANEX AAA) L. Pasin (Principal Investigator) **Landoni G** (Co-investigator). 2014.

AP-recAP-AKI-02-01 A Randomized, Double-Blind, Placebo-Controlled, Four-Arm, Parallel-Group, Proof of Concept, and Dose-Finding Adaptive Phase 2a/2b Study to Investigate the Safety, Tolerability and Efficacy and Effect on Quality of Life of Human Recombinant Alkaline Phosphatase in the Treatment of Patients With Sepsis-Associated Acute Kidney Injury. Sponsor: AM-Pharma B.V. **Landoni G** (Principal Investigator), Monti G (Co-investigator). 2014--2015.

“REPLACE (Randomized evaluation of fibrinogen versus placebo in complex cardiovascular surgery): a prospective, multinational, multicenter, randomized, double blind, placebo-controlled, Phase III study for the use of Fibrinogen Concentrate (Human) (FCH) in complex cardiovascular surgery.” Sponsor: CSL Behring GmbH, BI3023\_3002. Franco A (Principal Investigator) **Landoni G** (Co-investigator), 2012--2013.

Esmolol in Cardiac Surgery. A Randomized Trial. “Esmololo in cardiocirurgia. Uno studio randomizzato, controllato con endpoints clinicamente rilevanti” BREVI Elena Bignami (Principal Investigator). Bignami E, **Landoni G**, Ajello V, Covello RD, Franco A, Fano G, Gerli C, Marino G, Mizzi A, Nuzzi M, Prati P, Turi S, Zambon M, Zangrillo A. 2009, ClinicalTrials.gov Identifier: NCT00959569

“A Multi-Centre, Randomised, Double-Blind, Placebo Controlled Trial on Efficacy and Safety of FXIII Replenishment with two different Doses of Recombinant Factor XIII following Cardiopulmonary Bypass Surgery” Sponsor: Novo Nordisk A/S TRIAL ID: NN1810-3540 Marino G (Principal Investigator), **Landoni G** (Sub-investigator), 2009--2010

Tranexamic Acid in Urologic Surgery. A Randomized Trial. “Efficacia dell’acido tranexamico nel ridurre il sanguinamento perioperatorio nei pazienti sottoposti a prostatectomia radicale.” Crescenti A, **Landoni G**, Salonia A, Rigatti P, Zangrillo A, Magrin S, Rapati D, Quattrocchi GT, Mennella R, Aldrovandi V, Cavenago F, Maccagno C, Sozzi F. 2008--2010, ClinicalTrials.gov Identifier: NCT00670345

Hemodilution and Outcome in Cardiac Surgery. A Randomized Trial. “Effetto dell’emodiluizione moderata in circolazione extra-corporea sull’outcome postoperatorio in pazienti cardiocirurgici”. Crescenzi G, Marchetti C, **Landoni G**, Calabrò MG, Franco A, Bove T, D’Avolio S, Bignami E, Martina C, Zangrillo A. 2006--2009, ClinicalTrials.gov Identifier NCT00364494

Cardiac protection by volatile anaesthetics: A Randomized Trial. “Effetto di preconditionamento degli anestetici inalatori”. **Landoni G**, Leoni A, Scandroglio AM, Tritapepe L, Colombo A, Zangrillo A. 2005, ClinicalTrials.gov Identifier NCT00364637

“A Multicentre, randomised, double-blind, placebo controlled, dose escalation trial on safety and efficacy of activated recombinant factor VII (rFVIIa/NovoSeven®) in the treatment of post-operative bleeding in patients following cardiac surgery requiring cardiopulmonary bypass”. (“Studio clinico multicentrico, randomizzato, in doppio-cieco, a dose scalare, placebo-controllato, per valutare la sicurezza e l’efficacia del fattore VII ricombinante attivato (rFVIIa/NovoSeven®) nel trattamento delle emorragie post-operatorie in pazienti sottoposti ad interventi cardiaci con by-pass cardiopolmonare”), 2005-2008. Sponsor: Novonordisk. Codice dello studio F7CARD-1610,

EUDRACT n° 2004-000100-40. 2005--2007 Marino G (Principal Investigator), **Landoni G** (Co-investigator).

Preconditioning by Desflurane in Cardiac Surgery. A Randomized Multicenter Trial. “Effetto di preconditionamento ischemico dell’anestetico inalatorio desflurane” Leoni A, Crescenzi G, Sparicio D, Bove T, Carone C, Tritapepe L, Zangrillo A. 2004--2005

Postoperative Pain Management after radical retropubic prostatectomy. “Controllo del dolore dopo interventi di prostatectomia radicale”. Crescenti A, Memmo A, Lorzio M, Rapati D, **Landoni G**, Magrin S, Zangrillo A. 2003--2005

Mini CardioPulmonary Bypass in Cardiac Surgery. A Randomized Trial. “Circolazione extracorporea in pazienti con ridotta superficie corporea”. Crescenzi G, Pappalardo F, Franco A, Corno C, Calabrò MG, **Landoni G**, Zangrillo A. 2003--2006

Different Oxygenators in Cardiac Surgery. “Confronto tra ossigenatori con e senza fosforilcolina in pazienti sottoposti ad intervento cardiocirurgico con circolazione extracorporea”. Crescenzi G, Franco A, Sparicio D, **Landoni G**, Pappalardo F, Zangrillo A. 2003--2004

Temperature management during off-pump coronary artery bypass graft surgery: a randomized clinical trial on the efficacy of a circulating water system versus a forced-air system. “Mantenimento della normotermia intraoperatoria in interventi di bypass coronarico a cuore battente: due metodiche a confronto”. Crescenzi G, Sparicio D, Crivellari M, **Landoni G**, Zangrillo A. 2003

General versus spinal anesthesia in patients undergoing radical retropubic prostatectomy. “Anestesia spinale versus anestesia generale negli interventi di prostatectomia radicale”. Crescenti A, Memmo A, Bignami E, **Landoni G**, Magrin S, Zangrillo A. 2003--2004

“PRIMO CABG: A phase III randomized, parallel, double-blind, multi-center, placebo-controlled study of the effect of pexelizumab on all-cause mortality and myocardial infarction in patients undergoing coronary artery bypass graft (CABG) surgery with cardiopulmonary bypass”, 2002--2003. Sponsor: Procter and Gamble. Alfieri O (principal investigator) **Landoni G** (coinvestigator)

Superficial vs deep cervical plexus block with ropivacaine 0,75% for carotid endarterectomy. “Confronto tra due diverse metodiche anestesiolgiche per intervento di trombo-endo-arterectomia (TEA) carotidea con utilizzo di ropivacaina 0.75%: blocco del plesso cervicale superficiale versus blocco del plesso cervicale profondo”. Carozzo A, Magrin S, Leoni A, **Landoni G**, Bignami E, Zangrillo A. 2002--2003

Renoprotective action of fenoldopam in high-risk patients undergoing urologic surgery. “Valutazione comparativa degli effetti nefroprotettivi di Fenoldopam e Dopamina in chirurgia urologica”. Crescenti A, **Landoni G**, Magrin S, Zangrillo A. 2002--2004

Renoprotective action of fenoldopam in high-risk patients undergoing vascular surgery. “Valutazione comparativa degli effetti nefroprotettivi di Fenoldopam e Dopamina in chirurgia vascolare”. Carozzo A, **Landoni G**, Magrin S, Zangrillo A. 2002--2004

Renoprotective action of fenoldopam in high-risk patients undergoing cardiac surgery. “Valutazione comparativa degli effetti nefroprotettivi di Fenoldopam e Dopamina in cardiocirurgia”. Bove T, **Landoni G**, Monaco C, Marino G, Zangrillo A. 2002--2004

Perioperative magnesium supplementation to prevent atrial fibrillation after off-pump coronary artery surgery: a randomized controlled study. “BH-MG: Ruolo del magnesio nella prevenzione delle

tachiaritmie sopraventricolari perioperatorie in interventi di bypass coronarico a cuore battente.”  
**Landoni G**, Bellotti F, Gerli C, Sparicio D, Monaco C, Torri G. 2002-2003.

## **PARTICIPATED TO THE FOLLOWING MEDICAL CONGRESSES (n=52)**

*“Euroanesthesia ESAIC Congress 2022”, Milano, Italy June 4-6 2022*

*“Inibizione di IL-1 con anakinra: looking back to move forward” workshop, Milan, April 29<sup>th</sup> 2022*

*“Lives Digital Congress 2021, 34<sup>th</sup> Annual Congress of ESICM”, October 3<sup>rd</sup>-6<sup>th</sup> 2021*

*“Lives Digital Congress 2016, 29<sup>th</sup> Annual Congress of ESICM”, Milano, Italy, October 1<sup>st</sup>-5<sup>th</sup> 2016*

*“Collaborative Clinical Trials in Intensive Care Medicine Conference”, Monash University, Prato, Italy, June 15<sup>th</sup>-17<sup>th</sup> 2015*

*“Echocardiography in the critically ill patient”, Milano, Italy, February 11<sup>th</sup> 2015*

*“Collaborative Clinical Trials in Intensive Care Medicine Congress. International Trials in Reanimation”, Monash University, Prato, Italy, June 5<sup>th</sup>-7<sup>th</sup> 2013*

*“5<sup>th</sup> RHICVSS Expert Forum. All about the mitral valve: evolving concepts, challenges and surgical perspectives.” Berlin, Germany, April 20<sup>th</sup> 2013,*

*“Ultrasound Central Vascular Access Course”, Milano, Italy, January 21<sup>st</sup> 2013*

*“Basic life support. Instructors simulation course”, Bologna, Italy, 26<sup>th</sup>-28<sup>th</sup> November 2012*

*“EACTA meeting”, Amsterdam, The Netherlands, May 23<sup>rd</sup> 2012*

*“Corso Teorico Pratico V-A ECMO per il trattamento dell'ARDS” Ospedale San Raffaele - Milano 15 Maggio 2012*

*“Lungs & Heart Protective Ventilation & Extracorporeal Supports”, Milano, 6-7 Maggio 2011*

*“Poise-2 investigator meeting”. San Diego Marriott Hotel & Marina. San Diego, CA, US. October 17<sup>th</sup> 2010*

*CANNeCTIN Cutting Edge Symposium on Perioperative Medicine. The David Braley Cardiac, Vascular and Stroke Research Institute (DBCVSRI) Hamilton General Hospital, Ontario, Canada. April 28-29, 2010*

*“La gestione dei fluidi in ambito emergenza-urgenza: il ripristino volemico e la small volume resuscitation”. Istituto Scientifico San Raffaele - Milano, 5 aprile 2008.*

*F7CARD-1610 Trial Results Meeting. Prague, Czech Republic, 4 aprile 2008.*

*14<sup>th</sup> World Congress of Anaesthesiologists. Cape Town (South Africa), 2-7 marzo 2008.*

*22<sup>nd</sup> Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists. Krakow Poland, 13-16 giugno 2007.*

*ASA 2006 Annual Meeting. Chicago (Illinois), 14-18 ottobre 2006.*

*Retreat della Ricerca Scientifica. Bardolino (Verona), 19-21 febbraio 2006.*

*Corso di Fotografia Digitale. Milano, 27 settembre 2005.*

*Corso Istruttori Corsi di Base – BLS/D. Milano, 27-28 gennaio 2005.*

*Corso BLS/D – Rianimazione Cardiopolmonare di Base e Defibrillazione Precoce. Milano, 21 ottobre 2004.*

*XV Simposio SMART. Milano, 12-14 maggio 2004.*

*Retreat della Ricerca Scientifica. Garda (Verona), 2-4 febbraio 2004.*

*57° Congresso Nazionale SIAARTI. Roma, 22-25 ottobre 2003.*

7° Corso di Aggiornamento in Rianimazione e Anestesia CardioToracica per Infermieri. Salsomaggiore Terme, 9-11 ottobre 2003.

56° Congresso Nazionale SIAARTI. Milano, 9-12 ottobre 2002.

XIII Simposio SMART. Milano, 29-31 maggio 2002.

Convegno “Nuovi concetti in circolazione extracorporea Miglioramento del Patient Outcome Miniaturizzazione dei sistemi”. Istituto Scientifico San Raffaele - Milano, 18 maggio 2002.

16<sup>th</sup> Symposium on Critical Care Medicine A.P.I.C.E. Trieste, 16-20 novembre 2001.

Educational Course SMART Sepsis. Milano, 13 ottobre 2001.

8<sup>th</sup> Course Ablation of Cardiac Arrhythmias: RF Advanced Course on Theory and Practice. Baveno, 12-15 luglio 2001.

Corso di Aggiornamento “Update in Anestesia e Terapia Intensiva Pediatrica Ventilazione Meccanica nel Bambino”. Azienda Ospedaliera Istituti di Perfezionamento Ospedale dei Bambini V. Buzzi –Milano, 7 giugno 1999.

Simposio Mostra Anestesia Rianimazione e Terapia Intensiva. Milano, 26-28 maggio 1999.

ATLS Student Course of the American College of Surgeons.Ospedale San Raffaele -Milano, 25-27 febbraio 1998.Seminario “Tutorial in Anestesia Ostetrica”. Istituto Scientifico San Raffaele – Milano, 24-25 maggio 1999.

Seminario “Quale ruolo per i nuovi analgesici?”. Istituto Scientifico San Raffaele - Milano, 29 novembre 1997.

International Symposium on Critical Care Medicine, 12<sup>th</sup> Annual Meeting A.P.I.C.E. '97. Trieste, 19-21 novembre 1997.

Convegno “L’analgesia in travaglio: una realtà in Europa, e in Italia?”. Montecatini Terme, 17 ottobre 1997.

II Corso di Aggiornamento S.I.A.A.R.T.I. Torino, 2-4 ottobre 1997.

51° Congresso Nazionale S.I.A.A.R.T.I. Torino, 1-4 ottobre 1997.

Simposio Mostra Anestesia Rianimazione e Terapia Intensiva. Milano, 28-30 maggio 1997.

Incontro scientifico “Anestesia Generale Vs. Anestesia Locoregionale”. Ospedale San Raffaele - Milano, 23 aprile 1997.

Convegno Interdisciplinare “Il politrauma”. Università degli Studi di Milano, 17-19 aprile 1997.

Workshop “Ventilazione non invasiva in maschera”. Istituto Scientifico San Raffaele -Milano, 22 marzo 1997.

II° Corso Universitario Multidisciplinare di Educazione allo Sviluppo. Università degli Studi di Milano, Anno accademico 1995-1996.

I° Corso Sperimentale di Medicina della Salute. Università degli Studi di Milano, Anno accademico 1995-1996.

Int Standard – Medicine Course. Hampstead (England). 14-25 agosto 1995.

44<sup>th</sup> General Assembly of the International Federation of Medical Students Associations. Barcelona (Catalonia), 2-5 agosto 1995.

International Workshop Public Health: “Close to the year 2000”, Annual Workshop of the International Federation of Medical Students Associations. Barcelona (Catalonia), 2-5 agosto 1995.

I° Corso Universitario Multidisciplinare di Educazione allo Sviluppo. Università degli Studi di Milano. Anno accademico 1994-1995.

Corso Annuale di Base di Filosofia della Medicina, Etica Medica e Biomedica. Istituto Scientifico San Raffaele - Milano, 1992-1993.



## **Personal data**

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An update version of this curriculum is available at <http://www.unisr.it/k-teacher/landoni-giovanni/>  
<http://www.unisr.it/en/k-teacher/landoni-giovanni/>

or could be requested at [landoni.giovanni@hsr.it](mailto:landoni.giovanni@hsr.it)

Scientific IRCCS Network – Prof Landoni’s profile  
<https://moh-it.pure.elsevier.com/en/persons/giovanni-landoni>

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