

FEDERICO BILOTTA

Curriculum Vitae

Roma, 20-01-2022

Parte I – Informazioni Generali

Lingue parlate Italiano, Inglese, Spagnolo, Francese

Parte II – Formazione

1. di essere in possesso del seguente titolo di studio:
Laurea in Medicina e Chirurgia,
conseguito il 16/07/1990
presso Università La Sapienza di Roma con votazione 110/110 e lode.
2. di essere iscritto:
Albo Professionale dell’Ordine dei Medici di Roma (42937)
Dal 09 maggio 1991
3. di essere in possesso del seguente titolo di studio:
Diploma post-universitario in Ingegneria Biomedica
conseguito il 1992
presso Università La Sapienza di Roma
4. di essere in possesso del seguente titolo di specializzazione e accademico:
Specializzazione in Cardiologia N.O.,
conseguito il 30/11/1994,
presso Università La Sapienza di Roma con votazione 70/70 e lode.
5. di essere in possesso del seguente titolo di specializzazione e accademico:
Specializzazione in Anestesia e Rianimazione - Ind. Terapia iperbarica,
conseguito il 31/10/1998,
presso Università La Sapienza di Roma con votazione 70/70.
6. di essere in possesso del seguente titolo di studio:
Dottorato di ricerca in Fisiopatologia Cardio-Respiratoria
conseguito il 2002
presso Università La Sapienza di Roma.
7. di essere in possesso del seguente titolo di studio:
Diploma post-universitario in Economia e Management in Sanità
Conseguito il 2014
presso Università La Sapienza di Roma
8. di essere in possesso del seguente titolo di:
abilitazione scientifica nazionale alle funzioni di professore di I fascia
di cui all'articolo 16 della legge 30 dicembre 2010, n. 240 per il Settore concorsuale 06/L1
conseguita in data 28/03/2017, nella tornata prima,
con scadenza 28/03/2023 (prolungato al 2026 per Decreto-legge 126, del 2019, art. 5)
9. di essere in possesso del seguente titolo di:
abilitazione scientifica nazionale alle funzioni di professore di II fascia
di cui all'articolo 16 della legge 30 dicembre 2010, n. 240 per il Settore concorsuale 06/L1
conseguita in data 02/04/2019, nella tornata prima, scadenza 02/04/2025(prolungato al 2028
per Decreto-legge 126, del 2019, art. 5)

Parte III – Attività professionale

Dal Marzo 1999 Dirigente medico di I livello, Dipartimento di Anestesiologia, Policlinico Umberto I.

Parte IV – Incarichi di insegnamento

Anno accademico 2012-2013: Titolare docenza del corso di insegnamento “Valutazione preoperatoria e anestesia nei pazienti con patologie croniche” nel II anno di scuola di specializzazione in Anestesia e Rianimazione Università degli Studi di Roma “Sapienza”;

Anno accademico 2013-2014: Titolare docenza del corso di insegnamento “Valutazione preoperatoria e anestesia nei pazienti con patologie croniche” nel II anno della scuola di specializzazione in Anestesia e Rianimazione Università degli Studi di Roma “Sapienza”.

Coordinatore del simposio su “neuro anestesia e neuro rianimazione” nel V anno della scuola di specializzazione in Anestesia e Rianimazione Università degli Studi di Roma “Sapienza”.

Anno accademico 2014-2015: Titolare docenza del corso di insegnamento “Valutazione preoperatoria e anestesia nei pazienti con patologie croniche” nel II anno della scuola di specializzazione in Anestesia e Rianimazione Università degli Studi di Roma “Sapienza”.

- 2005 **Professore** - Department of Anesthesiology, Montefiore Medical Centre, The Bronx, New York, NY
- Novembre 2006 **Docente** nel “Master Universitario di II Livello: Emergenze in ematologia”. “La sedazione nelle manovre invasive nei bambini con emopatia”. Università degli Studi di Roma “La Sapienza”
- Marzo 2010 **Docente** per: “Incontri Scuole di Specializzazione in Neurochirurgia: Aneurismi Cerebrali”, Università degli Studi di Roma “La Sapienza”, 10 marzo 2010
- 2008/2012 **Full Professor in Clinical Anesthesiology** - Dipartimento di Anestesia, Albert Einstein College of Medicine, The Bronx, New York, N.Y. USA
- 2010 **Professore** - Department of Anesthesiology and Critical Care, GB Pant University Hospital New Delhi, New Delhi, India
- 2014 **Professore** - Department of Anesthesiology Beer Sheva University, Beer Sheva, Israel

- 2015 **Professore** - Department of Anesthesiology, Yale University, New Haven CT, USA
- 2017 **Professore** - Department of Anesthesiology University of Valencia, Spain
- 2019 **Professore** - Department of Anaesthesia of P. D. Hinduja Hospital & Medical Research Centre, Mumbai India
- 2019 **Professore** - Department of Neuroanaesthesiology and Critical Care, Neurosciences Centr, All India Institute of Medical Sciences (AIIMS), New Delhi, India
- 2019 – 2020 **Titolare della docenza** nel corso multi disciplinare di: Emergenze medico chirurgiche del canale D del corso di laurea in medicina e chirurgia Università degli Studi di Roma “La Sapienza” presso la I Facoltà Medicina e Odontoiatria Policlinico Umberto I.
- 2019 – 2020 **Titolare della docenza** nella Scuola di specializzazione di Anestesiologia del corso di Neuro anestesia presso Università degli Studi di Roma “La Sapienza” presso la I Facoltà Medicina e Odontoiatria Policlinico Umberto I.
- 2020 – 2021 **itolare della docenza** nel corso multi disciplinare di: Emergenze medico chirurgiche del canale D del corso di laurea in medicina e chirurgia Università degli Studi di Roma “La Sapienza” presso la I Facoltà Medicina e Odontoiatria Policlinico Umberto I.
- 2020 – 2021 **Titolare della docenza** nella Scuola di specializzazione di Anestesiologia del corso di Neuro anestesia presso Università degli Studi di Roma “La Sapienza” presso la I Facoltà Medicina e Odontoiatria Policlinico Umberto I.
- 2020 – 2021 **Titolare della docenza** nella Scuola di specializzazione di Anestesiologia del corso di Neuro anestesia e Neuro rianimazione presso Università degli Studi di Roma “La Sapienza” presso la II Facoltà Medicina e Psicologia Ospedale Sant’Andrea Roma.

- Dal Dicembre 2004** *Collaborazione permanente di ricerca e didattica* presso Department of Anesthesiology, Montefiore Medical Center, Albert Einstein College of Medicine, New York, USA.
- Da Dicembre 2005** *Visiting Professor in Anesthesiology*, presso Department of Anesthesiology, Montefiore Medical Center, Albert Einstein College of Medicine New York.
- Da Luglio 2008**
- a Luglio 2012** *Faculty Member and Full Professor in Clinical Anesthesiology*, at the Department of Anesthesiology, the Albert Einstein College of Medicine, New York, The Bronx, NY, USA.
- Giugno 2010** **Visiting Professor** at the Department of Anesthesiology and Critical Care, University of Massachusset, Boston, USA
- Giugno 2010** **Panelist for the New York Academy of Sciences:** "Using Technology to Accelerate Clinical Trials Research", Webinair conference, June 12, 2010
- Ottobre 2010** **Visiting Professor** at the Department of Anesthesiology and Critical Care, University of Massachusset, Boston, USA
- Ottobre 2010** **Visiting Professor** at the Department of Anesthesiology and Critical Care, University of Southern California, Los Angeles, CA, USA
- Dicembre 2010** **Visiting Professor** at the Department of Anesthesiology and Critical Care, GB Pant University Hospital New Delhi, New Delhi, India
- Gennaio 2011** **Visiting Professor** at the Department of Anesthesiology and Critical Care, Fortis Hospital, New Delhi, India
- Ottobre 2011** **Visiting Professor** at the Department of Anesthesiology and Neurosciences, Ohio State University Medical College, Columbus, Ohio, USA
- Novembre 2011** XVI Annual meeting Italian Cochrane Network: How to improve quality and relevance of clinical research. The Core Outcome Measures in Effectiveness Trials (COMET) Initiative, 14-15 November 2011, Istituto Superiore di Sanità, Roma, Italia
- Gennaio 2012** **Appointed as member of the Subcommittee on Neurosciences** of the European Society of Anaesthesiologists, in carica per il triennio 2012-2015

- Settembre 2012** **Visiting Professor** at Department of Anesthesiology, Petrovsky National Research Center of Surgery, Moskow, Russia.
- Marzo 2013** **Appointed as member of the Task Force on Reduction of Postoperative Delirium** of the European Society of Anaesthesiologists
- OTTOBRE 2013** **Visiting Professor** at Department of Anesthesiology, University of Washington, Seattle, WA, USA
- Gennaio 2014** **Appointed as “Chair” of the Subcommittee on Neuroanesthesiology** of the European Society of Anaesthesiologists.
- Febbraio 2014** **Scientific Committee Meeting** dell’European Society of Anestehsiology, preliminary program 2015 ESA meeting, Bruxelles,
- Settembre 2014** **Visiting Professor** Department of Anesthesiology, Beer Sheva University, Beer Sheva, Israel
- Settembre 2014** **Visiting Professor** Department of Anesthesiology, Tel Aviv University, Tel Aviv, Israel
- Gennaio 2015** Meeting of the Task Force on postoperative delirium of the ESA
- Febbraio 2015** **Visiting Professor**, Department of Anesthesiology, Boston University, Boston, USA
- Febbraio 2015** **Visitng Professor**, Department of Anesthesiology, Yale University, New Haven, USA
- Febbraio 2015** **Visitng Professor**, Department of Anesthesiology, State University New York, NY, USA
- Febbraio 2015** **Visiting Professor** at the Department of Anesthesiology, Yale University, New Haven CT, USA
- Giugno 2015** **Visiting Professor** at the Department of Anesthesia and Critical Care, University of Valencia, Spain
- Dicembre 2015** **Visiting Professor** State University of New York, Brooklyn, NY, USA
- Maggio 2017** **Visiting Professor** at the Department of Anesthesiology University of Valencia, Spain
- Marzo 2018** **Visiting Professore** at Burdenko Institute Mosca, Russia
- Ottobre 2017** **Visiting Professor** at the Department of Anesthesiology University Salonicco, Greece
- Settembre 2018** **Visiting Professor** at the Department of Anesthesiology Univerisity of Salonicco, Greece

Febbraio 2019 **Visiting Professor** at the Department of Anaesthesia of P. D. Hinduja Hospital & Medical Research Centre, Mumbai India

Febbraio 2019 **Visiting Professor** at the Department of Neuroanaesthesiology and Critical Care, Neurosciences Centr, All India Institute of Medical Sciences (AIIMS), New Delhi, India

Parte IV B. - Organizzazione di Corsi ed Eventi Formativi

2002 **Coordinatore del Corso** Interdipartimentale: Ecocardiografia Transesofagea in Neuroanestesia e Neuroranimazione. Presso Dipartimento di Scienze Anestesiologiche, Medicina Intensiva e Terapia del Dolore, Dipartimento di Scienze Cardiorespiratorie e Dipartimento di Scienze Neurologiche, Università degli Studi di Roma "La Sapienza".

2005 **Coordinatore e Relatore** del Corso di Aggiornamento “Trauma Cranico Grave”, Gruppo di studio di Neuroanestesia e Neuroranimazione, SIAARTI. Roma

2006-2007 **Responsabile del Progetto** “Incontri di Neurochirurgia” per Neuroanestesisti, Neurochirurghi, e Neuroradiologi, Azienda Policlinico Umberto I, Programma Nazionale per la Formazione Continua erogazione di 26 crediti formativi.

2007-2008 **Responsabile del Progetto** “Incontri di Neurochirurgia” per Neuroanestesisti, Neurochirurghi, e Neuroradiologi, Azienda Policlinico Umberto I, Programma Nazionale per la Formazione Continua erogazione di 26 crediti formativi.

Gennaio 2008 **Presidente e moderatore** del “Primo Corso di Neuroanestesia e Neuroranimazione Lazio”, Centro Traumatologico Ortopedico, 26/1/2008, Roma

Maggio 2010 **Chair** sessione “Gestione della Glicemia in Terapia Intensiva Neurochirurgica” del X Neurometing, Università di Siena, Maggio 2010, Siena, Italia.

Settembre 2010 **Panelist** per “Post-traumatic hydrocephalus”, in Hot Topic in Craniocerebral Trauma, Roma, Italia, Settembre 23-24, 2010.

Ottobre 2010 University of Southern California, Los Angeles, CA: **Panelist** for “Long term consequences of postoperative cognitive dysfunction”. Objective: Utilize literature review to better the practice of anesthesia. Presenter: Nadiv Samimi, MD, CA-3 Resident. Journal Club, Keck School of Medicine, Department of Anesthesiology,

Ottobre 2011 Ohio State University Medical Center, Columbus, OH, USA:

- 11/10/2011** CA-I **Lettura:** Perioperative management of blood glucose concentration,
- 12/10/2011** CA-II **Lettura:** “Anesthesia for awake craniotomy”,
- 13/10/2011** Anesthesiology Grand Round: “Anesthesia and Postoperative Neurocognitive functions”.
- Novembre 2011** XVI Annual meeting Italian Cochrane Network: How to improve quality and relevance of clinical research. The Core Outcome Measures in Effectiveness Trials (COMET) Initiative, 14-15/11/2011, Istituto Superiore di Sanità, Roma, Italia
- Marzo 2012** **Coordinatore dei relatori europei** per la sessione di neuroanestesia e neurocritical care per il “World Anesthesia Congress” di Buenos Aires.
- Ottobre 2013** Harborview medical center, Washington University, Seattle, WA
- 17/10/2014 Grand Round lettura: Anesthesia and postoperative neuro-cognitive functions
- 18/10/2014 CA I-II-III lettura: Blood glucose management in neurocritical care
- Novembre 2013** **Coordinatore dell’incontro** e workshop, presso il Dipartimento di Anestesiologia e Neurochirurgia, con il Prof Rafael Ortega della Boston University: “How to avoid disaster in the operating room”.
- Novembre 2014** **Coordinatore dell’incontro** workshop, presso il Dipartimento di Anestesiologia e Neurochirurgia, con il Prof Andrea Rigamonti della University of Toronto: “Clinical management of pain after craniotomy”.
- Febbraio 2015** Yale University, Department of Anesthesiology, New Haven CT, USA:
- 17/2/15** Residents **lettura:** “what we really know about perioperative glycemia management”;
- 18/2/15** Grand Round **lettura:** “Anesthesia and postoperative cognitive dysfunction”
- Marzo 2015** **Coordinatore dell’incontro** -presso il Dipartimento Anestesiologia dell’Università di Roma “la Sapienza”- con Professor Yoram Shapira, Chair of the Anesthesia Department of the Soroko University, di Beer Sheeva.
- 2013-2015** **Responsabile scientifico dell’organizzazione della sessione di Neuroanestesia del Congresso della Società Europea di Anestesiologia (ESA)**
- 2015- 2018** **Responsabile scientifico dell’organizzazione della sessione di Neuroanestesia della Società Italiana di Anestesiologia e Rianimazione (SIAARTI)**

Parte IV C. - Tutor per le Tesi di Laurea - Dipartimento di Anestesiologia, “Sapienza”, Università degli Studi di Roma

- Anno Accademico 1998-1999 Dott Fabio Spinelli. Tesi di Laurea: L'ipotermia lieve come metodica di protezione cerebrale: Modalità tecniche di produzione e controllo.
- Anno Accademico 2000-2001 Dott Tommasina Casale. Tesi di Laurea: Studio prospettico delle infezioni in neuroranimazione.
- Anno Accademico 2001-2002 Dott Barbara Pizzi. Tesi di Laurea: Progettazione, realizzazione e aspetti applicativi di un sistema informatico per la gestione e il monitoraggio di un servizio di anestesia.
- Anno Accademico 2002-2003 Dott Valentina Fabbrini. Tesi di Laurea: Valutazione intraoperatoria della per fusione cerebrale con ecocontrastografia: Basi razionali.
- Anno Accademico 2003-2004 Dott Remo Caramia. Tesi di Laurea: Parametri emodinamici e funzione cognitiva al risveglio dopo anestesia totalmente endovenosa per la neurochirurgia delle lesioni espansive sopratentoriali. Confronto tra propofol-remifentanil e propofol-sufentanil.
- Anno Accademico 2003-2004 Dott Carolina Maurizio. Tesi di Laurea: Infusione intensiva di insulina in pazienti sottoposti a trattamento chirurgico di "clipping" di aneurisma intracranico. Effetti sulla morbilità, mortalità e danno neurologico. Studio prospettico randomizzato.
- Anno Accademico 2004-2005 Dott Giuseppe Centola. Tesi di Laurea: Stratificazione del rischio nei pazienti ricoverati nella neuroranimazione postchirurgica.
- Anno Accademico 2005-2006 Dott Federico Giovannini. Tesi di Laurea: Definizione del rapporto tra dosaggio ed effetti sedativi dell'agonista cannabinoide WIN 55.212-2 nell'animale da esperimento.
- Anno Accademico 2007-2008 Dott Vincenzo Cuzzone. Tesi di Laurea: Confronto tra due regimi di analgo sedazione in neuroranimazione postoperatoria: propofol-sufentanil VS propofol-remifentanil
- Anno Accademico 2007-2008 Dott Andrea Doronzio. Tesi di Laurea: Recupero cognitivo postoperatorio e pattern ventilatorio dopo neurochirurgia per lesioni sopratentoriali in pazienti obesi o soprappeso: Confronto tra anestesia bilanciata con sevoflurane-fentanyl VS desflurane-fentanyl

- Anno Accademico 2007-2008 Dott.ssa Francesca Pizzichetta. Tesi di Specializzazione in Anestesiologia: Incidenza e prevalenza della fibrillazione atriale nei pazienti neurochirurgici: mortalità e morbilità nel follow-up a 6 mesi
- Anno Accademico 2007-2008 Dott Remo Caramia. Tesi di Specializzazione in Anestesiologia: Confronto tra terapia insulinica convenzionale e intensiva in neurorianimazione postoperatoria
- Anno Accademico 2008-2009 Dott Giuseppe Centola. Tesi di Specializzazione in Anestesiologia: Associazione del mannitolo con diuretici risparmiatori di potassio: effetti sulla concentrazione plasmatica e sulla escrezione urinaria di potassio
- Anno Accademico 2009-2010 Dott Luca Titi. Tesi di Laurea in Medicina e Chirurgia: Effetti sull'emodinamica sistemica e cerebrale degli anestetici alogenati. Confronto tra sevofluorano e desflurano: studio prospettico randomizzato.
- Anno Accademico 2009-2010 Dott Elisabetta Stazi. Tesi di Laurea in Medicina e Chirurgia: Associazione di mannitolo con diuretici risparmiatori di potassio in pazienti con edema cerebrale: effetti sull'escrezione urinaria di elettroliti e sull'incidenza di aritmie cardiache.
- Anno Accademico 2009-2010 Dott Ivan Orlando Zeppa. Tesi di Laurea in Medicina e Chirurgia: Delirio postoperatorio dopo anesthesia totalmente endovenosa con propofol/fentanil o anesthesia bilanciata con desflurano/fentanil in pazienti con età maggiore di 65 anni: studio prospettico randomizzato.
- Anno Accademico 2009-2010 Dott Antonella Cianchi. Tesi di Laurea in Medicina e Chirurgia: Anestesia locale, sedazione/analgesia e gestione emodinamica per l'"Awake craniotomy": curve di apprendimento.
- Anno Accademico 2011-2012 Dott Fabiana Lanni. Tesi di Laurea in Medicina e Chirurgia: Anestesia con propofol, sevofluorano o desflurano e rischio di delirio postoperatorio: studio clinico, prospettico, multicentrico internazionale.-The PINOCCHIO trial- Analisi ad interim del profilo di sicurezza e risultati preliminari.
- Anno Accademico 2012-2013 Dott Simona Lolli. Tesi di Laurea in Medicina e Chirurgia: Terapia insulinica nel paziente critico: Humulin vs Humalog.

Parte V: Posizioni in Società scientifiche

Parte V A. - Incarichi

2002 - 2022		Member of the Scientific Board of the Neuro meeting – Napoli
2014 - 2017	ESA	Presidente del sottocomitato Neuroanesthesiology
2015 - 2018	ESA	Membo del Research Committee
2015 - 2017	ESA	Chair of the Subcommittee on Neuroanesthesia
2012 - 2019	SNACC	Member of the Educational Committee of the Society for Neuroscience in Anesthesia and critical care.
2019 - 2021	ESAIC	Membro del Mentiorship program di Scientific Writing della Società Europea di Anestesiologia e Terapia intensive.
2022 - 2024	NASC	Presidente del Comitato delle Socity Nazionali di Anesesiologia Europee
2022 - 2024	ESAIC	Membro dei Comitati delle line guida: dell Sicurezza e della Qualità; della Formazione in Anestesiologia.

Parte V B. - Affiliazioni

1991	Membro dell’American Society of Echocardiography.
1996	Membro della European Society of Intensive Care Medicine
1998	Membro dell’American Society Cardiothoracic Anesthesiologists
1999	Membro dell’ International Anesthesia Research Society (IARS)
2000	Membro del Gruppo di Studio sulla Neuroanestesia e Neuroranimazione della SIAAARTI
2000	Membro della European Society of Anaesthesiology (ESA)
2001	Membro del Gruppo Italiano Valutazione Interventi in Terapia Intensiva (GIVITI)
2006	Membro Society of Neuroanesthesia and Neurocritical Care (SNACC)
2010	Membro dell’International Relations Committee of the SNACC
2011	Membro dell’Educational Committee of the SNACC
2012	Membro del Subcommittee on Neurosciences della ESA
2012	Membro of the Moskow Society of Anaesthesiologists and Reanimatologists

2013	Membro della Task Force on Guidelines for Post operative Delirium della ESA
2014	Chair del SubCommittee on Neuroanesthesia della ESA
Marzo 2013	Membro della Task Force on “Reduction of Postoperative Delirium” of the European Society of Anaesthesiologists
Gennaio 2014	Nominato “Chair” of the Subcommittee on Neurosciences of the European Society of Anaesthesiologists.
Luglio 2015	Nominato membro della commissione di ricerca dell’ European Society of Anaesthesiologists
Ottobre 2015	Nominato Chair of the Italian section of Neuroanesthesia and neurocritical care of the Italian Society of Anesthesia and Critical care (SIAARTI)
Novembre 2016	Rappresentante ESA al Biomed Alliance meeting, Brussels, BE
Ottobre 2017	Membro dell’ Appointment Committee at Harvard University for the evaluation of candidate to the position of Assistant Professor. Candidate Dr O Akeju
Novembre 2017	Membro della Faculty of the Ben Gurion University of the Negev, Israel for the evaluation of a PhD Thesis. Candidate Dr Julia Grinshpun: “The Effect of Stroke on Anxiety, Depression and Social Behavior in Rats”
Aprile 2019	Membro della faculty of the Ben Gurion University of the Negev, Israel for the evaluation of candidate’s academic promotion.
2019	Membro della Faculty selection Board at Mayo Clinic 2019
2019	Membro della Faculty selection Board at Harvard University 2019
2019	Membro della Faculty selection Board at Yale University 2019
Dal Maggio 2019	Mentor of Trialect Global Education Program Harvard University. Referente per la formazione nella ricerca Clinica in Neuroanestesia e Neuroanimazione.

Parte V B. - Riconoscimenti e Premi

Bilotta F, Spinelli A, Giovannini F, Doronzio A, Delfini R, Rosa G. The effect of intensive insulin therapy on infection rate, vasospasm, neurologic outcome, and mortality in neurointensive care unit after intracranial aneurysm clipping in patients with acute subarachnoid hemorrhage: a randomized prospective pilot trial. *Journal Neurosurgical Anesthesiology* 2007; 19(3): 156-160

Questo articolo è stato scelto e la sintesi riportata da Faculty 1000 in Medicine 2007

Bilotta F, Caramia R, Cernak I, Paoloni FP, Doronzio A, Cuzzone V, Santoro A, Rosa G. Intensive Insulin Therapy After Severe Traumatic Brain Injury: A Randomized Clinical Trial. *Neurocritical Care*. 2008;9(2):159-66.

Questo articolo è stato scelto e la sintesi riportata da Faculty 1000 in Medicine 2008

Bilotta F, Caramia R, Paoloni FP, Delfini R, Rosa G. Safety and Efficacy of Intensive Insulin Therapy in Critical Neurosurgical Patients. *Anesthesiology* 2009;110(3):611-9.

Questo articolo è stato scelto dall'American Society of Anesthesiologists per World Press

Bilotta F, Doronzio A, Cuzzone V, Caramia R, Rosa G. Early Postoperative Cognitive Recovery and Gas Exchange Patterns After Balanced Anesthesia With Sevoflurane or Desflurane in Overweight and Obese Patients Undergoing Craniotomy: A Prospective Randomized Trial. *Journal Neurosurgical Anesthesiology* 2009;21(3):207-13.

Questo articolo è stato scelto e la sintesi riportata da Faculty 1000 in Medicine 2009

Review in Anesthesiology 2009, Borgeat A, Brennan TJ, Elsenach JC. Advancing Medicine in Anesthesiology. *Anesthesiology* 2009; 111: 1192-96

Hanno selezionato, tra gli articoli pubblicati su Anesthesiology nel corso del 2009 i 12 più rappresentativi dell'avanzamento della disciplina, tra cui: Bilotta F, Caramia R, Paoloni FP, Delfini R, Rosa G. Safety and Efficacy of Intensive Insulin Therapy in Critical Neurosurgical Patients. *Anesthesiology* 2009;110(3):611-9.

University of Southern California, The Keck School of Medicine and the Department of Anesthesiology as **International Visiting Professor “Outstanding teaching contribution”** at Journal Club and Grand Rounds Lecture, OTTOBRE 21-22, 2010.

Ohio State University Medical Center, Residents lecture on OTTOBRE 12&13, 2011 “Awake craniotomies” & “Glucose management in critical care”, and Grand Round lecture OTTOBRE 14, 2011 “Anesthesia and postoperative neurocognitive functions”.

Febbraio 2018 **Certificate of Outstanding Contribution** in Reviewing, for the Journal *Clinical Neurology & Neurosurgery*.

2018 EACCME® CME/CPD credits for “reviewing scientific and educational material” during the calendar year of 2018.

2018 PLOS ONE Reviewer (2018)

2018 Recognition from the Editorial Board of JNACC as a member of International Advisory Board for the year.

Parte V C. - Inviti presso Dipartimenti Esteri

- 1990 King's College Hospital di London, Cardiology, Dr M Monaghan.
- 1990 National Institute of Cardiology, Budapest, Hungary. Prof A Arvay.
- 1991 Erasmus Thoraxcenter, Rotterdam University, Cardiology Section
- 1991 University of Chicago, Department of Anesthesiology, Prof M Roizen.
- 1992 University of Chicago, Experimental Cardiology, Prof SB Feinstein.
- 1993 University of Illinois, Cardiology, Prof SB Feinstein
- 1995 Member of the Faculty "European Symposium on Myocardial Perfusion, Function and Viability-New Ultrasound Techniques". Technische Universitat of Munich, Germany.
- 1999 Invited Relatore "1st International Congress Indian Society of Neuro-Anesthesia and Critical Care", New Delhi, India, September 25-26, 1999.
- 2002 Invited Faculty, 3^o Indian Society of Anaesthesiologists Delhi Chapter 36th Annual Conference, New Dehli 13-14 april 2002. Perioperative Transesophageal Echocardiography for Non-Cardiac Surgery Procedures
- 2005 PGA/59 International Scholar, Postgraduate Assembly New York State Society of Anesthesiologists, New York dec 9-13 , 2005.

Parte VI: Attività di ricerca

Parte VI A. - Responsabilità/partecipazione studi e ricerche scientifiche

- 1993-1994 Co-investigatore** protocollo di ricerca internazionale in fase III, Nycomed Imaging AS, Oslo, Norway, AXH037: "Left ventricular border delineation and wall motion assessment by contrast-enhanced echocardiography using Albunex injected intravenously to low echogenic patients".
- 1993-1995 Co-investigator** in the International SAPS 3. From evaluation of the patient to evaluation of the intensive care unit. On the behalf of the European Society of Intensive Care Medicine.
- 2007-2008 Co-investigator** protocollo di ricerca, "A Randomized, open label, multicentre study to compare the pharmaco-economic implications of an analgesia based regimen with remifentanil and a conventional sedation based regimen using propofol in medical and postsurgical ICU". Protocol number 108701.

- 2007-2009 Co-investigatore** del protocollo di ricerca PRIN (progetti di ricerca di interesse nazionale): Attivazione dei meccanismi neuro-patogenetici della malattia di Alzheimer da parte degli anestetici generali e disfunzione cognitiva perioperatoria. Collaborazione con il Dipartimento di Scienze Anestesiologiche dell'Università di Messina e Bologna. Finanziato dal Ministero della Università e Ricerca, PRIN Grant #2007H84XNH.
- 2008-2009 Co-investigatore** protocollo di ricerca AIFA in collaborazione con Ospedale S. Gerardo di Monza e Istituto Mario Negri, “Neuromorfeo: Valutazione di differenti strategie anestesiologiche per interventi neurochirurgici sopratentoriali”. Eudra CT number 2007-005279-32.
- 2009-2010 Co-investigator** in the Project of National Research “Anesthesia and activation of Alzheimer disease”, financed by the Italian Ministry for University and Research, Program for the Development of Research of National Interest (PRIN Grant #2007H84XNH).
- 2010-2011 Co-investigatore** protocollo di ricerca internazionale multicentrico: “INTENSIVE INSULIN THERAPY TRIALISTS’ COLLABORATION” dell’Australian National Health and Medical Research Council
- 2010-2012 Co-investigatore** del protocollo di ricerca PRIN (progetti di ricerca di interesse nazionale): Attivazione dei meccanismi neuro-patogenetici della malattia di Alzheimer da parte degli anestetici generali e disfunzione cognitiva perioperatoria. Collaborazione con il Dipartimento di Scienze Anestesiologiche dell'Università di Messina e Bologna. Finanziato dal Ministero della Università e Ricerca, PRIN Grant #2007H84XNH.
- 2010-2012 Co-investigatore** dell’Italian Research Protocol: “ILICC: infezioni liquorali nei pazienti con drenaggio liquorale esterno”
- 2011-2014 Co-investigatore** in the European Research Protocol :”Eurotherm 32-35 Trial: hypothermia in refractory intracranial hypertension”. European Society of Intensive Care Medicine.
- 2011-2014 Principale Investigatore e Coordinatore** “The PINOCCHIO Study: Cognitive recovery and the risk of postoperative delirium after general anesthesia with propofol, desflurane or sevoflurane: a randomized controlled multicenter clinical trial”. Roma Università “La Sapienza”, New York “Albert Einstein College of Medicine”, Los Angeles University of Southern California, Columbus Ohio State University College of Medicine. NIH Clinical Trials Number 1781964

- 2012-2014** Principal investigator and coordinator: “Short acting insulin VS. Regular insulin in intensive insulin therapy”, multicentre prospective randomized trial in cooperation with University of Valencia and Jerusalem University.
- 2013-** **Principale Investigatore e Coordinatore:** Intraoperative hyperglycemia during craniotomy procedures and the risk of postoperative infections in cooperation with Department of Anesthesiology at Yale University, Dr Shaun Greenbaum
- 2013-** **Principale Investigatore e Coordinatore:** “Relationship between peripheral blood glucose concentration and cerebro spinal fluid glucose concentration in the acute phase of subarachnoid haemorrhage”, in cooperation with Departments of Anesthesiology and Critical Care at: University of Washington, Seattle, WA, Dr Deepak Sharma and Albert Einstein College of Medicine, New York, NY, Dr Elisabeth Abramowich.
- 2013-** **Principale Investigatore e Coordinatore:** “Humulin or humalog for intensive insulin therapy” in collaborazione con il Dipartimento di Anestesia e Critical Care, University of Valencia, Valencia, Spain, Dr Rafael Badenes e Prof Einav Sharon Jerusalem University
- 2014-** **Ricercatore** nell’ambito del progetto “TricsIII” (trasfusions requirements in Cardiac Surgery), promosso dalla University of Toronto, Canada
- 2017 -** Minimizing ICU Neurological Dysfunction with Dexmedetomidine-induced Sleep (MINDDS): a randomized, double blind, parallel-arm, placebo-controlled trial, in cooperation with Dr O Akeju, Massachusetts General Hospital, Harvard University
- 2015 and 2016** **Presidente e Responsabile**, con Prof Massimo Lamperti, for the ESA pre congress course on “Intraoperative brain monitoring”. Questo corso è stato progettato per tutte le specialità di Anestesia. Questo corso è stato frequentato e la richiesta di frequenza ha superato i posti disponibili, dando grande rilievo internazionale all’ESA.
- 2015 to 2018** **Chair of the scientific Board and responsible for the congress program** of the section on neurocritical care of the Italian Society of Anesthesia.
- April 2016** **Faculty and ESA representative** tot eh COPA meeting in Sao Paolo, Brazil

Parte VI B. - Partecipazioni ad attività editoriale di riviste scientifiche

Revisore per Journal of Vascular Surgery dal 2002

Revisore per Anesthesia and Analgesia dal 2003

Revisore per Critical Care dal 2004

Revisore per Journal of the American Society of Echocardiography dal 2005

Revisore per Journal of Clinical Anesthesiology dal 2005

Revisore per Journal of Neurosurgical Anesthesiology dal 2006

Editorial Board Member del Journal of Anaesthesiology and Clinical Pharmacology dal
2007

Revisore per Clinical Drug Investigation dal 2007

Revisore per Vascular Health and Risk Management dal 2007

Revisore per International Journal of Nursing Studies dal 2008

Revisore per European Journal of Anaesthesiology dal 2008

Revisore per Saudi Medical Journal dal 2008

Revisore per Neural Regeneration Research dal 2008

Revisore per Minerva Anestesiologica dal 2009

Editorial Board Member del World Journal of Diabetes dal 2010

Associate Editor Journal of Alzheimer Disease dal 2010

Editorial Board Member del Journal Neurosurgical Anesthesiology dal 2010

Revisore per Neurocritical Care dal 2010

Revisore Annals Thoracic Medicine dal 2010

Revisore per Pediatric Anesthesia dal 2011

Revisore Journal Neurotrauma dal 2011

Editorial Board Member del ISRN Anesthesiology dal 2011

Revisore International Journal of Medicine dal 2011

Revisore Current Alzheimer Disease dal 2011

Revisore per Acta Anaesthesiologica Scandinavica dal 2011

Editorial Board Journal Nursing Care dal 2012

Editorial Board Member Journal of Nursing Education and Practice since 2012

Revisore per Intensive Care Medicine dal 2012

Revisore per Saudi Journal of Anesthesia dal 2012

Revisore per Yonsei Medical Journal (Korea) dal 2012

Revisore per Cochrane Library dal 2012

Editorial Board Member Journal of Alzheimer's Disease & Parkinsonism dal 2012
Editorial Board Member del ISRN Critical Care dal 2012
Revisore per Advances in Therapy dal 2012
Revisore per Mayo Clinic Proceedings dal 2013
Membro dell'Editorial Board del Journal of Intensive and Critical Care dal 2015
Membro dell'editorial board del Russian Neurosurgical Journal. prof. A. L. Polenova dal 2019
Membro dell'international editorial board of the Brazilian Journal of Anesthesiology/ Revista Brasileira de Anestesiologia dal 2019
Membro dell'Editorial Board PLOS ONE del 2019
Editore Academic section PLOS dal 2019
Revisore per Journal Thoracic Disease dal 2019
Top reviewer per Neurocritical Care dal 2019
Revisore per il progetto di ricerca del Centre of Science and technology evolution dal 2019
Revisore per The Lancet 2020

Parte VI C. - Sviluppo di Brevetti e creazione di nuove imprese

- Marzo 2010** Council of Advisor Symposium in "Tight glycemic control in critical care patients" for Medtronics in "30th International Symposium in Intensive Care and Emergency Medicine", 9-12 march 2010, Brussels, Belgium
- Dicembre 2013** Advisor Board Meeting in "Real time blood glucose concentration measurement" for GlucoSense (a Norwegian start up) 12-13/12/2013, Amsterdam, The Nertherlands

Parte VIII: Partecipazione come relatore o moderatore a convegni di carattere scientifico in Italia o all'estero

- Aprile 1990** Relatore "VII International Congress on Echocardiography", Roma, Italy.
- Giugno 1991** Relatore "2nd Congress of American Society of Echocardiography", Arlington, USA.
- Giugno 1991** Relatore "IX Symposium on Echocardiology", Rotterdam, Olanda.
- Agosto 1991** Faculty "6th Advances in Echocardiography", Chicago, USA.

- Agosto 1992** Relatore "XIV Congress of the European Society of Cardiology", Barcelona, Spagna
- Febbraio 1993** Relatore "VIII International Congress on Echocardiography", Roma, Italy
- Settembre 1993** Faculty "8th Advances in Echocardiography", Chicago, USA.
- Ottobre 1995** Relatore e Invited Faculty "European Symposium on Myocardial Perfusion, Function and Viability - New Ultrasound Techniques": "Myocardial Contrast IV injection and Transesophageal Echocardiography". Technische Universitat of Munich, 14-15/10/1995, Munich, Germany.
- Novembre 1997** Relatore XIX Congresso Nazionale della Societa' Italiana di Patologia Vascolare: Impiego di mezzi di contrasto per ultrasuoni nel controllo di stent endovascolari. Roma 21-23/11/1997.
- Febbraio 1998** Relatore 1st "International Update on Neuro-Anesthesia and Neuro-Intensive Care", Genk, Belgium, February 5-7, 1998.
- Febbraio 1999** Relatore 10th International Congress on Echocardiography, Rome, Italy.
- Settembre 1999** Relatore "1st International Congress Indian Society of Neuro Anesthesia and Critical Care", New Delhi, India, September 25-26, 1999.
- Aprile 2001** Relatore 9th European Society of Anaesthesiology, Gotheborg, Sweden.
- Ottobre 2001** Relatore 10° Congresso Gruppo Italiano Valutazione Interventi in Terapia Intensiva (GiViTi), Istituto Mario Negri. Pesaro 15-17 ottobre 2001
- Gennaio 2002** Relatore Corso di Aggiornamento Professionale delle Cattedre di Anestesiologia delle Università Romane. Selected Topics in Anestesia e Rianimazione (STAR) "Il trauma cranico grave".
- Marzo 2002** Relatore 76th International Anesthesia Research Society, San Diego, CA, USA
- Aprile 2002** Relatore, Invited Faculty, al 3° Indian Society of Anaesthesiologists Delhi Chapter 36th Annual Conference, New Dehli 13-14 aprile 2002.
- Aprile 2002** Relatore Corso di Aggiornamento Professionale dell'Azienda Ospedaliera S. Filippo Neri. Anestesia nelle emergenze intracraniche acute. Roma 18-20 aprile 2002.
- Maggio 2002** Relatore II Meeting di Neuroanestesia e Neurorianimazione: Induction of hypothermia and treatment of side effects. Università degli Siena 17-18 maggio 2002.
- Ottobre 2002** Relatore 11° Congresso Gruppo Italiano Valutazione Interventi in Terapia Intensiva (GiViTi), Istituto Mario Negri. Pesaro 24-25 ottobre 2002.

- Dicembre 2002** Relatore al Corso Aggiornamenti in Terapia Intensiva e Anestesia nelle Specialità, Azienda Ospedaliera S. Giovanni-Addolorata. Roma 20-21 dicembre 2002.
- Gennaio 2003** Relatore al Congresso: Selected Topics in Anestesia e Rianimazione (STAR). Effetti degli Anestetici Inalatori sul Flusso Cerebrale. Roma, 16-19 Gennaio.
- Aprile 2003** Relatore XX Corso di Aggiornamento Professionale per Anestesisti Rianimatori. Università degli Studi di Parma. Padova 15 aprile 2003.
- Maggio 2003** Relatore IV Meeting di Neuroanestesia e Neurorianimazione, Università degli Studi di Siena. Basic guidelines for neuromonitoring: impact on outcome. Università di Siena
- Maggio 2003** Relatore 11th European Society of Anaesthesiologist Annual Meeting 2003, Nice, France.
- Ottobre 2003** Relatore 57 Congresso Nazionale SIAARTI. Roma 22-25/10/2003.
- Maggio 2004** Relatore V Meeting Neuroanestesia-Neurorianimazione, Università degli Studi di Siena, Siena, Italy
- Marzo 2005** Coordinatore e Relatore del Corso di Aggiornamento “Trauma Cranico Grave”, Gruppo di studio di Neuroanestesia e Neurorianimazione, SIAARTI. Roma
- Maggio 2005** Relatore XIII European Society of Anaesthesiologist, Wien, Austria.
- Maggio 2006** Relatore del Corso di Aggiornamento “Trauma Cranico Grave”, Gruppo di studio di Neuroanestesia e Neurorianimazione, SIAARTI, Università degli Studi del “Sacro Cuore “
- Maggio 2006** Relatore VI Meeting Neuroanestesia e Neurorianimazione, Università degli Studi di Siena, Siena, Italy
- Giugno 2006** Relatore XIV European Society of Anaesthesiology, Madrid, Spain
- Ottobre 2006** Relatore 60mo SIAARTI, Bastia Umbra (PG)
- Maggio 2007** Relatore VII Meeting Neuroanestesia e Neurorianimazione, Università degli Studi di Siena, Siena, Italy
- Maggio 2008** Relatore e faculty 8th “Neuro meeting” University of Siena, Siena, Italy
- Maggio 2008** Relatore allo SMART pre-congress Course “Echocardiography for Intensivists”, Milano 27-27 maggio 2008, Milano Convention Center.
- Maggio 2009** Relatore e faculty 9th “Neurometing” University of Siena, Siena, Italy
- Agosto 2009** Relatore al 63mo Congresso Nazionale SIAARTI, Firenze 28/8-1/9, 2009

- Novembre 2009** Relatore Update in Anestesia, Giornate AAROI: “Il trattamento delle aritmie durante anesthesia”, Roma, 28 novembre 2009.
- Maggio 2010** Relatore e faculty 10th Neuromeeting University of Siena, Siena, Italy
- Ottobre 2011** Relatore al 39th Society for Neuroscience in Anesthesiology and Critical Care (SNACC) Meeting, “Report on the International Relationship Committee”, Chicago, IL, USA
- Dicembre 2011** Relatore in “Batteriemie e infezioni device-correlate: Il problema delle batteriemie device-correlate”. Milano 16 dicembre 2011
- Marzo 2012** Faculty e Relatore al 50mo World Anesthesia Congress: “Blood glucose control in neurocritical care patients, the PRO”, Buenos Aires, marzo 25-30, Argentina
- Settembre 2012** Faculty e Relatore at the XIII Annual Meeting of the Federation of Anaesthesiologist and Reanimatologists of Russia, 22-25 settembre 2012, St Petersburg, Russia.
- Maggio 2013** Faculty e Relatore 5^o Neuromeeting. “Pro/Con Controllo stretto della glicemia in NICU:Pro” Napoli, 23-24 maggio 2013.
- Giugno 2013** Faculty e Relatore European Society of Anaesthesiologists Meeting. “Aneurismal Subarachnoideal Hemorrhage”, 1-4 June 2013, Barcellona, Spain.
- Ottobre 2013** Faculty e Relatore American Society of Anesthesiologists, "Supratentorial Tumors: Evolving Management and Techniques: Postoperative Management of a Patient after Brain Tumor Resection", Saturday OTTOBRE 12, 2013- Moscone Convention Center, San Francisco, CA, USA.
- Ottobre 2013** Faculty e relatore 3rd Middle East Anesthesia, Pain & Critical Care: “Management of traumatic brain injury: what are the current guidelines?”, 28-29/10/2014, Abu Dhabi, UAE
- Novembre 2013** Faculty e Relatore European Society of Anestehsiology Autumn Meeting: “ICU management of acute subarachnoideal hemorrhage”, 6-7/11/2013, Timisoara, Romania.
- Aprile 2014** Faculty e relatore EuroNeuro 2014-8th Update Neuro-Anesthesia and Neuro-Intensive Care Meeting: “Glucose management after SAH” and “Postoperative management after craniotomy for brain tumor surgery”, 10-12/4/2014, Istanbul, Turchia.

- Maggio 2014** Faculty e relatore al “Romanian Society of Anestehsia and Intensive Care (SRATI) and 6th Romanian-Israeli Symposium in Anesthesia and Intensive Care”, 14-18/5/2014, Sinaia, Romania
- Maggio 2014** Faculty e relatore “6° Neuro meeting”, “Pharmacologic neuroprotection in neuroanesthesia”, 22-23/5/2014 Napoli,
- Maggio 2014** Faculty e relatore al 4th International Workshop on Perioperative Neurotoxicity in Elderly, “Postoperative cognitive dysfunction” Karolinska Institutet, 30/5/2015, Stoccolma, Svezia
- Giugno 2014** Faculty e relatore, European Society of Anaesthesiologists Meeting: “The influence of anesthetic choice on post operative neurological disorders”, 1-3/6/2014, Stoccolma, Svezia.
- Settembre 2014** Faculty e relatore, 23rd International Congress of the Israel Society of Anesthesiologists: "Glycemic control and neuroprotection: Food for thought", 16-18/9/2014, Tel-Aviv, Israel.
- Settembre 2014** Faculty e relatore, XIV Congress Federation of Russia Anesthesia and Reanimation: “Anesthetics and postoperative cognitive dysfunction”. 20-22/9/2014 Kazan, Russia
- Ottobre 2014** Faculty e relatore, 48th Turkish Anesthesia & Reanimation Kongress: “Intraoperative neurological monitoring”. 25-27/10/2014.
- Marzo 2017** Faculty e relatore, Congresso Nazionale della Societa di Anestesiologia e rianimazione Portoghese
- Aprile 2017** Faculty e relatore, Congresso Nazionale della Societa di Anestesiologia e Rianimazione Spagnola (Sedar)
- Marzo 2018** Faculty e relatore, Scientific and Educatinale Conference on Topical problems and innovational technologies anesthesiology and emergency medicine in San Pietroburgo, Russia
- Aprile 2018** Faculty e relatore, Congresso Internazionale Kazakhstan
- Settembre 2018** Faculty e relatore, 15th Anesthesiology & Intensive Care Medicine CONGRESS, Salonicco, Greece.
- Maggio 2019,** Relatore “Studenti per la ricerca”, Policlinico Umberto I Univerità La Sapienza Roma, Italia
- Ottobre 2019** Relatore in XVIII Congress of Federation of Anesthesiologist and Reanimatologist of Russia, Moscow, Russia

Ottobre 2019	Relatore in Mass casualties incident. Training and management in the IDF and the Israeli Health System, Rome, Italy
Novembre 2019	Relatore e faculty in 53 National Congress Turkish Society of Anaesthesiology and Reanimation, Antalya, Turkey
Novembre 2019	Relatore e faculty in CBA 66 Congresso Brasileiro Anestesiologia Goiânia, Brazil
Febbraio 2020	Relatore e faculty in NEURONS, Neurocritical Care and Management symposium, Padova, Italy
Marzo 2021	Relatore e Faculty Congresso della Società Francese di Anestesia e Rianimazione (SFAR): Cerebral Protection, how to do it in practice.

Parte IX -Sintesi delle pubblicazioni scientifiche e indici bibliometrici

- numero complessivo di lavori su banche dati internazionali riconosciute per l'abilitazione scientifica nazionale 234 (banca dati di riferimento Scopus);
- indice di Hirsch* 31 (banca dati di riferimento Scopus);
- numero totale delle citazioni 4114 (banca dati di riferimento Scopus);
- numero medio di citazioni per pubblicazione 17.5 (banca dati di riferimento Scopus);
- «impact factor» totale 685 e «impact factor» medio per pubblicazione 2.9, calcolati in relazione all'anno della pubblicazione (banca dati di riferimento Scopus e Journal of Citation Index).

*H index divided by the academic seniority.

Parte X -Lista delle pubblicazioni selezionate per la valutazione con IF

- 1.- **Bilotta F**, Giudici LD, Zeppa IO, Guerra C, Stazi E, Rosa G. Ultrasound imaging and use of B-lines for functional lung evaluation in neurocritical care: A prospective, observational study. Eur J Anaesthesiol 2013; 30(8): 464-8.
Impact Factor 4.3
- 2.- **Bilotta F**, Gelb AW, Stazi E, Titi L, Paoloni FP, Rosa G. Pharmacological perioperative brain neuroprotection: a qualitative review of randomized clinical trials. Br J Anaesth. 2013; 110 Suppl 1:i113-20.
Impact Factor 9.1
- 3.- **Bilotta F**, Stazi E, Titi L, Lalli D, Delfini R, Santoro A, Rosa G. Diagnostic work up for language testing in patients undergoing awake craniotomy for brain lesions in language areas. British Journal of Neurosurgery 2014; 28(3):363-7
Impact Factor 1.6
- 4.- **Bilotta F**, Badenes R, Lolli S, Belda FJ, Einav S, Rosa G. Insulin infusion therapy in critical care patients: regular insulin vs short-acting insulin. A prospective, crossover, randomized, multicenter blind study. J Crit Care. 2015; 30(2):437.
Impact Factor 3.4
- 5.- Willner D, Spennati V, Stohl S, Tosti G, Aloisio S, **Bilotta F**. Spine surgery and blood loss: systematic review of clinical evidence. Anesth Analg 2016;123(5):1307-1315.
Impact Factor 5.1
- 6.- Gruenbaum SE, Toscani L, Fomberstein KM, Ruskin KJ, Dai F, Qeva E, Rosa G, Meng L, **Bilotta F**. Severe Intraoperative Hyperglycemia Is Independently Associated With Postoperative Composite Infection After Craniotomy: An Observational Study. Anesth Analg. 2017; 125(2):556-561.

Impact Factor 5.1

- 7.- Aldecoa C, Bettelli G, **Bilotta F**, Sanders RD, Audisio R, Borozdina A, Cherubini A, Jones C, Kehlet H, MacLulich A, Radtke F, Riese F, Slooter AJ, Veyckemans F, Kramer S, Neuner B, Weiss B, Spies CD. European Society of Anaesthesiology evidence-based and consensus-based guideline on postoperative delirium. *Eur J Anaesthesiol*. 2017; 34(4):192-214.

Impact Factor 4.3

- 8.- Patriarca R, Di Gravio G, Costantino F, Falegnami A, **Bilotta F**. An analytic framework to assess organizational resilience. *Safety and Health at Work* 2018; 9(3):265-276

Impact Factor 2.7

- 9.- Patriarca R, Falegnami A, **Bilotta F**. Embracing simplicity: the role of artificial intelligence in peri-procedural medical safety. *Expert Rev Med Devices*. 2019; 6(2):77-79.

Impact Factor 3.1

- 10.- Alessandri F, Antenucci G, Piervincenzi E, Buonopane C, Bellucci R, Andreoli C, Alunni Fegatelli D, Ranieri MV, **Bilotta F**. Ultrasound as a new tool in the assessment of airway difficulties. *Eur J Anaesthesiol* 2019;36(7):509-515.

Impact Factor 4.3

- 11.- **Bilotta F**, Weiss B, Neuner B, Kramer S, Aldecoa C, Bettelli G, Sanders RD, Delp SM, Spies CD. Routine management of postoperative delirium outside the ICU: Results of an international survey among anaesthesiologists. *Acta Anaesthesiol Scand* 2020;64(4):494-500.

Impact Factor 2.1

- 12.- Taccone FS, Badenes R, Arib S, Rubulotta F, Mirek S, Franchi F, Gordon S, Nadji A, Crippa IA, Stazi E, Bouhemad B, Lozano Roig A, Creteur J, **Bilotta F**. Cerebrospinal Fluid Glucose and Lactate Levels After Subarachnoid Hemorrhage: A Multicenter Retrospective Study. *J Neurosurg Anesthesiol*. 2020;32(2):170-176.

Impact Factor 3.9

13.- Nato CG, Tabacco L, **Bilotta F**. Fraud and retraction in perioperative medicine publications: what we learned and what can be implemented to prevent future recurrence. J Med Ethics. 2021; medethics-2021-107252.

Impact Factor 2.9

14.- Badenes R, Qeva E, Giordano G, Romero-Garcia N- **Bilotta F**. Intranasal Insulin Administration to Prevent Delayed Neurocognitive Recovery and Postoperative Neurocognitive Disorder: A Narrative Review. Int J Environ Res Public Health. 2021; 18(5):2681.

Impact Factor 2.8

Parte XI – Pubblicazioni

Parte XI . A Elenco delle pubblicazioni scientifiche riferito all'intera produzione

Total Impact Factor (IF 2021) = 689. H-index (2021) = 41. Citazioni totali: 6.422.

- 1.- Voci P, Feinstein SB, **Bilotta F**, Puddu PE, Reale A: Myocardial contrast echocardiography: A new asset for the cath lab. *Cardiologia* 1989;34:389-398.
- 2.- Voci P, Maniet AR, **Bilotta F**, Puddu PE, Marino B, Reale A: Transesophageal echocardiography: The expanding role of ultrasound in the operating room. *Cardiologia* 1990;34(11):909-917.
- 3.- Voci P, **Bilotta F**, Sandoz W, DeVito A, Caprettini S, Lupi-Wagner S, Viola R: Coma ipomagnesemico nello scompenso cardiaco: Descrizione di un caso. *Cardiologia* 1990: 35(1);79-81.
- 4.- Voci P, **Bilotta F**, Scibilia G, Mercanti C, Caretta Q, Marino B, Reale A: In-vitro development and clinical applications of sonicated echocontrast agents. *American Journal of Cardiac Imaging* 1991;5:192-199.
- 5.- Voci P, **Bilotta F**, Maugeri B, Caretta Q, Mercanti C, Marino B, Reale A: Spontaneous left atrial echo contrast in mitral stenosis: disappearance after valve replacement. *Journal American Society of Echocardiography* 1991;4:648-650.
- 6.- Voci P, **Bilotta F**, Viola R: Aldosterone-secreting adenoma and dysautonomic conditions: the challenging association of two extreme conditions. *Cardiologia* 1991; 36: 653-657.
- 7.- **Bilotta F**, Voci P, Scibilia G: Quantizzazione del flusso e del volume ematico regionale con ecocontrastografia: modello matematico. *Cardiologia* 1992;37:26-32.

- 8.- Voci P, **Bilotta F**, Scibilia G, Caretta Q, Mercanti C, Marino B: Reversal of left ventricular dysfunction early after coronary artery bypass grafting. *Cardiologia* 1992;37 (2):105-111
- 9.- Voci P, Mangieri E, **Bilotta F**, Scibilia G: Acquired coronary to left ventricle fistula: evidence by myocardial contrast echocardiography. *Journal American Society of Echocardiography* 1992;5:544-546.
- 10.- Voci P, **Bilotta F**, Aronson S, Scibilia G, Caretta Q, Mercanti C, Marino B, Thiested R, Roizen MF, Reale A: Echocardiographic analysis of dysfunctional and normal myocardial segments before and immediately after coronary artery bypass surgery. *Anesthesia and Analgesia* 1992;75:213-218.
- 11.- **Bilotta F**, Voci P, Scibilia G, Caretta Q, Mercanti C, Marino B: Identificazione del miocardio vitale con test di stimolazione con dopamina: studio ecocardiografico intraoperatorio. *Cardiologia* 1993;38: 173-178.
- 12.- Voci P, **Bilotta F**, Caretta Q, Mercanti C, Marino B: Mechanisms of incomplete cardioplegia distribution during coronary artery surgery: an intraoperative transesophageal contrast echocardiography study. *Anesthesiology* 1993;79(5):904-912.
- 13.- Voci P, **Bilotta F**, Agati L: Apical transgastric echocardiography: new imaging projections. *European Heart Journal* 1993;14:669-674.
- 14.- Caretta Q, Voci P, **Bilotta F**, Chiarotti, Acconcia MC, Luzi GP, Mercanti C, Marino B: Cardioplegia anterograda e retrograda nella rivascularizzazione miocardica. *Cardiologia* 1993;38:431-435.
- 15.- Caretta Q, Voci P, **Bilotta F**, Mercanti C: Intraoperative contrast echocardiography for assessment of surgical repair of coronary artery fistula. *European Journal Cardiothoracic Surgery* 1993;7:612-614.
- 16.- Caretta Q, Voci P, **Bilotta F**, Mercanti C, Marino B: Intraoperative detection of coronary graft occlusion by myocardial contrast echocardiography. *Journal Cardiothoracic Vascular Anesthesia* 1994;8:206-208.
- 17.- Caretta Q, Voci P, **Bilotta F**: Intraoperative detection of coronary graft occlusion by myocardial contrast echocardiography. *Advances in Echo-Contrast* 1994; 4: 27.
- 18.- Voci P, **Bilotta F**, Merialdo P, Agati L: Myocardial contrast enhancement after intravenous injection of sonicated albumin microbubbles: a transesophageal echocardiography dipyridamole study. *Journal American Society of Echocardiography* 1994;7:337-346.
- 19.- Agati L, Voci P, **Bilotta F**, Luongo R, Autore C, Penco M, Iacoboni C, Fedele F, Dagianti A: Influence of residual perfusion within the infarct zone on the natural history of left ventricular

- dysfunction after acute myocardial infarction. A myocardial contrast echocardiography study. *Journal American College of Cardiology* 1994;24: 336-342.
- 20.- Agati L, Voci P, **Bilotta F**, Luongo R, Iacoboni C, Fedele F, Dagianti A: Dipyridamole myocardial contrast echocardiography in patients with single vessel coronary artery disease: perfusion, anatomic and functional correlates. *American Heart Journal* 1994;128:28-35.
- 21.- **Bilotta F**, Voci P, Caretta Q, Santoro R, Spallone M, Luzi G, Scibilia G, Ruvolo G, Mercanti C, Marino B: Identificazione intraoperatoria del miocardio vitale durante infusione di dobutamina: studio ecocardiografico transesofageo. *Archivi Chirurgia Toracica e Cardiovascolare* 1994;16: 195-199.
- 22.- Voci P, **Bilotta F**, Caretta Q, Mercanti C, Marino B: Low-dose dobutamine echocardiography predicts the early response of dysfunctioning myocardial segments to coronary artery bypass grafting. *American Heart Journal* 1995;129: 521-526.
- 23.- Voci P, **Bilotta F**, Caretta Q, Mercanti C, Marino B: Papillary muscle perfusion pattern: a hypothesis for ischemic papillary muscle dysfunction. *Circulation* 1995; 91: 1714-1718.
- 24.- Caretta Q, Voci P, **Bilotta F**, Luzi G, Chiarotti F, Acconcia MC, Mercanti C, Marino B: Risk factors of incomplete distribution of cardioplegic solution during coronary artery grafting. *Journal Thoracic Cardiovascular Surgery* 1995;109:439-447.
- 25.- Speziale G, **Bilotta F**, Ruvolo G, Khalil F, Marino B: Return to work and quality of life measurement in coronary artery bypass grafting. *European Journal Cardiothoracic Surgery* 1996;10:852-858.
- 26.- Giannoni MF, **Bilotta F**, Fiorani L, Fiorani P: Follow-up monitoring of arterial aneurysms treated with endovascular prosthesis: The role of ultrasound echo enhancers. *Journal Vascular Surgery* 1998;27:981-982.
- 27.- Agati L, Voci P, Autore C, Iacoboni C, Di Roma A, De Castro S, Veneroso G, Funaro S, Castaldo M, Trambaiolo P, Cartoni D, **Bilotta F**, Fedele F, Dagianti A: Studio non invasivo della perfusione miocardica mediante ecocontrastografia miocardica. *Cardiologia* 1998;43:935-941.
- 28.- Romano R, Arcioni R, **Bilotta F**, Fattorini F, Tritapepe L, Menichetti A, Ciamarra G, Gasparetto A: Echocardiographic evaluation of hemodynamic effects of propofol. *Acta Anaesthesiologica Italica* 1999;50:187-191.
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Parte XI B. - Partecipazione alla stesura di capitoli di libri

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Il sottoscritto inoltre esprime il proprio consenso affinché i dati personali forniti con la presente dichiarazione possano essere trattati nel rispetto del regolamento europeo n. 679/2016 e del D.Lgs. n. 675/1996, per gli adempimenti connessi alla procedura concorsuale e all 'eventuale stipula e gestione del contratto di lavoro. Autorizzo pertanto il trattamento dei dati personali contenuti nel mio curriculum vitae in base al D.Lgs. n. 675/1996, all'art. 13 del D. Lgs. 196/2003, ali 'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche e alle indicazioni del D.Lgs. 101/2018 con riguardo al trattamento dei dati personali.