

# Dr. Alessio Valente MD, PhD, FIPP: Curriculum Vitae et Studiorum

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## Present Appointments:

Permanent Staff Physician (Consultant) UOC Anestesia & Rianimazione (Anesthesia, Intensive Care & Pain Medicine), Azienda ASL Lecce, “Vito Fazzi” General Hospital, Lecce, Italy

## Education and Degrees:

1986-1991: “Plinio Seniore” Liceo Scientifico (High School), Rome

1991-1997: School of Medicine, Università Cattolica del Sacro Cuore, Policlinico A. Gemelli (Catholic University – “A. Gemelli” Teaching Hospital), Rome

Student Internships: 1994-1996: Human Physiology

1995-1997: Anesthesiology and Intensive Care

23/7/1997: Degree in Medicine and Surgery (MD) (Score 110/110 “cum laude”), discussing a Dissertation titled: “New Monitoring methods in Neuro-intensive care: Near Infra-Red Spectroscopy”.

1998-2001 Residency (training) in Anesthesia and Resuscitation Medicine, Catholic University, Rome

23/10/2001: Specialty Diploma (CCT) in Anesthesia and Resuscitation Medicine (70/70 cum Laude), with a Dissertation titled: “Prognostic Evaluation of Post-Anoxic Coma”

2004-2006 “Dottorato di Ricerca” (Doctor of Philosophy) in Neuroscience, with Dissertation titled: “An investigation about incidence of Postoperative Cognitive Dysfunction (POCD) after Surgery with Sevoflurane or Propofol General Anesthesia”.

6/2010: Stage at “Centro di Medicina del Dolore” (Pain Clinic) in “S. Maugeri” Hospital, Pavia (PV), Italy, directed by Dr. Cesare Bonezzi

16/5-9/6/2011: Clinical Stage - Multidisciplinary Pain Center - AZ Nikolaas Hospital, Sint Niklaas, Belgium, directed by Dr. Jean-Pierre Van Buyten

2/2014-1/2015: “Master di II Livello” - Postgraduate course (Italian Master) in “Chronic Pain treatment: invasive and minimally invasive techniques and drug therapy”. Università degli Studi di Roma “La Sapienza”

16/1/2015: Diploma with dissertation titled: “Neurophysiologic evaluation of Spinal Cord Stimulation with Evoked Potentials” (Score 110/110 “cum laude”).

1/9/2016: Diploma of Fellow in Interventional Pain Practice (FIPP) of the World Institute of Pain (WIP)

### Work activities:

27/11/2001-31/12/2001: Anesthesiologist c/o Azienda Sanitaria Locale Roma D -  
“G.B.Grassi” Hospital – Ostia Lido, Rome

1/1/2002-30/11/2006: Anesthesiologist c/o Catholic University, Rome,  
“A.Gemelli” University Hospital, Institute of Anesthesiology  
and Resuscitation Medicine

*During this period, clinical activity in surgical rooms and since 3/2004 to 11/2006, clinical activity  
c/o Obstetric Anesthesia Unit (about 3000 deliveries/year)*

1/12/2006 -15/9/2016: Permanent Staff - UOC Anestesia, Rianimazione e Terapia del  
Dolore (Anesthesia, Intensive Care & Pain Clinic),  
Azienda Ospedaliera Sant'Andrea (“Sant'Andrea” Hospital)  
Rome, Italy

*During this period, clinical activity in Intensive Care Unit (6 bed General ICU) and Interventional  
Pain Management in Pain Clinic (following about 2000 pts)*

1/11/2011-30/4/2012: Temporary assignment – Anesthesia and Intensive Care Unit  
c/o Azienda Ospedaliera “Cardinale G.Panico” (“Cardinale  
G.Panico” General Hospital) – Tricase (LE) –Italy

16/9/2016 to date: Permanent Staff - UOC Anestesia, Rianimazione e Terapia del  
Dolore (Anesthesia, Intensive Care & Pain Clinic), Azienda ASL  
Lecce- “Vito Fazzi” General Hospital – Lecce (LE) -Italy

### Scientific Activities:

During Human Physiology internship, researches on Nitric Oxide in auditory  
neurotransmission and in Calcium channels biophysics.

During Anesthesiology and Intensive Care periods, studies on:

- neurologic monitoring in surgical room and intensive care unit: evoked potentials and near-infrared spectroscopy;
- depth of anesthesia monitoring: evoked potentials and intra-operative awareness;
- post-operative cognitive dysfunction and anesthesia;
- effects of anesthesia on stress in obstetrics during labor and surgery.

### Memberships:

SIAARTI – Società italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva  
(since 1998)

ESA – European Society of Anesthesiology (since 2003)

IASP – International Association for the Study of Pain (since 2012)

INS – International Neuromodulation Society (since 2013)

WIP – World Institute of Pain (since 2016)

Federdolore SICD (Società Italiana dei Clinici del Dolore (since 2019)

### Participation to international workshops:

-ECMT (European Continuing Medical Training) From Anatomy through Diagnostics  
to best practice in Advanced Neuromodulation therapies: A Hands-on Cadaver  
Workshop for the Experienced User. Bruxelles (Belgium):

27-28/1/2012 edition and 24-25/1/2014 edition

-BUIPMC (Birmingham University International Pain Management Cadaver Workshop).  
Birmingham (UK) 28-30/3/2012 and 19-21/9/2012  
-- III Hands-on Workshop, Gordon Museum & KCL Anatomy Dept at Guy's Hospital  
Campus. London (UK) 7/6/2012  
-SIMPAN (Study in Multidisciplinary Pain Research) Pavia 11-12/11/2011; Rome 28-  
29/3/2014; 27-28/3/2015; 7-9/4/2016.  
-21<sup>st</sup> WIP (World Institute of Pain) Annual Advanced Interventional Pain and Practical  
Workshop 29-31/8/2016 Budapest, Hungary

Peer-Reviewer Activity:

-Journal of Pain Research  
n.2 Papers in 2017 (IF: 2,645)  
n.4 papers in 2018 (IF: 2,645)  
-Brazilian Journal of Anesthesiology  
n.1 paper in 2019(IF: 0,968)  
-International Journal of Clinical Pharmacology and Therapeutics  
n.1 paper in 2020 (IF: 1,366)  
n.1 paper in 2022

### List of Main Publications:

- 1) Grassi C, D'Ascenzo M, **Valente A**, Azzena GB  
Ca<sup>2+</sup> channels inhibition induced by nitric oxide in rat insulinoma RINm5F cells  
Pflugers Archiv – Eur J Physiol (1999)437: 241-247
- 2) Aceto P., **Valente A.**, Gorgoglione M., Adducci E., De Cosmo G.  
Relationship between awareness and middle latency auditory evoked responses during surgical anaesthesia  
Br J Anaesth. 2003 May; 90 (5):630-5
- 3) Piazza O, Zito G, **Valente A**, Tufano R.  
Effects of dopamine infusion on forearm blood flow in critical patients  
Med Sci Monit 2006 ; 12 (2) : CR 90-93
- 4) Aceto P, Congedo E, Lai C, **Valente A**, Gualtieri E, De Cosmo G.  
Dreams recall and auditory evoked potentials during propofol anaesthesia.  
Neuroreport. 2007 May 28;18(8):823-6.
- 5) **Valente A**, Ciano F, Suppa E, Draisci G.  
Hypothermia after cesarean section with combined spinal-epidural anesthesia and postoperative epidural analgesia.  
Int J Obstet Anesth. 2008 Jan;17(1):78. Epub 2007 Jul 20.
- 6) Draisci G, **Valente A**, Suppa E, Frassanito L, Pinto R, Meo F, De Sole P, Bossù E, Zanfini BA.  
Remifentanyl for cesarean section under general anesthesia: effects on maternal stress hormone secretion and neonatal well-being: a randomized trial.  
Int J Obstet Anesth. 2008 Apr;17(2):130-6. doi: 10.1016/j.ijoa.2008.01.002. Epub 2008 Mar 4.
- 7) **Valente A**, Sorrentino L, La Torre G, Draisci G.  
Post-transfusional variation in urinary oxygen tension in surgical patients.  
Clin Exp Pharmacol Physiol. 2008 Sep;35(9):1109-12. doi: 10.1111/j.1440-1681.2008.04949.x. Epub 2008 Apr 21.
- 8) Draisci G, Frassanito L, Pinto R, Zanfini B, Ferrandina G, **Valente A**.  
Safety and effectiveness of coadministration of intrathecal sufentanil and morphine in hyperbaric bupivacaine-based spinal anesthesia for cesarean section.  
J Opioid Manag. 2009 Jul-Aug;5(4):197-202.
- 9) Suppa E, **Valente A**, Catarci S, Zanfini BA, Draisci G. A study of low-dose S-Ketamine infusion as “preventive” pain treatment for cesarean section with spinal anesthesia: benefits and side effects.  
Minerva Anesthesiol. 2012 Jul;78(7):774-81. Epub 2012 Feb 29

10) **Valente A**, Frassanito L, Natale L, Draisci G. Occult spinal dysraphism in obstetrics: a case report of caesarean section with subarachnoid anaesthesia after remifentanyl intravenous analgesia for labour. *Case Rep Obstet Gynecol.* 2012;2012:472482. doi: 10.1155/2012/472482. Epub 2012 Jul 10.

11) **Valente A**, Suppa E, Curtale L, Suppa A.  
Paracetamol benefit in a toddler with mild heat illness.  
*Minerva Pediatr.* 2017 Feb;69(1):83. doi: 10.23736/S0026-4946.16.04383-8.

12) **Valente A**, Caliandro F, Marra C, Di Lazzaro V, La Torre G, Santoliquido A, De Cosmo G  
No Difference in Early Post Operative Cognitive Dysfunction after Abdominal Surgery with Sevoflurane or Propofol Based General Anesthesia  
*J Anesth Surg* 4(2): 1- 5 (2017). DOI: 10.15436/2377-1364.17.067

13) **Valente A.**  
High need for sugammadex for rocuronium reversal with acute renal failure and normal need in the same patient with no renal impairment  
*J Clin Anesth.* 2020 Jul 15;67:109981. doi: 10.1016/j.jclinane.2020.109981. Online ahead of print.