

Curriculum vitae
Prof. Giancarlo Vesce
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Giancarlo Vesce is Professor of Veterinary Anaesthesia at the Department of Veterinary Medicine and Animal Productions of the "Federico II" University of Napoli - Italy.

Born in Napoli on May 5th, 1951.

Summa cum Laude degree in Veterinary Medicine: University of Napoli, March 1974.

Instructor of veterinary surgery: University of Napoli, March 1974 to November 1974.

1976 -1978 Resident in Veterinary Anaesthesia at the School of veterinary medicine of the University of Pennsylvania (Philadelphia).

Academic appointments at the School of Veterinary Medicine of the University of Napoli:

1975 -1980 Fellow of Veterinary Surgery;

1980 -1987 Researcher of Veterinary Surgery;

1987 -1972 Associate Professor of Surgical Pathology;

1987 -1972 Substitute Professor of Veterinary Anesthesiology;

1992 - 2000 Associate Professor of Veterinary Anesthesiology;

2000 to present: Full Professor of Veterinary Anesthesiology;

Director of postdoctoral course in Anesthesia, Resuscitation and Intensive Care of Companion Animals (ARTIAC)

Lecturer at postdoctoral courses in: Laboratory animal Medicine; Veterinary surgery; Small animal orthopedic surgery; Small animal cardiology.

1993 - 1999 Substitute Professor of Surgery and of Veterinary Anesthesia at the School of Veterinary Medicine of the University of Teramo.

1997 to 2012 Founding member and Leading Mentor of the PhD in Veterinary Anesthesiology - University of Messina, Italy;

Member of the following Professional Associations and institutions:

- Societ? Italiana delle Scienze Veterinarie (S.I.S.Vet.).
- Association of Veterinary Anaesthetists of Great Britain and Ireland (AVA).
- American Society of Anesthesiologists (ASA)
- Society of Anesthesia and Sleep Medicine (SASM)
- Societ? Culturale Italiana Veterinari per Animali da Compagnia (*Honorary member* SCIVAC).
- Associazione Veterinari Umbri Liberi Professionisti (*Honorary member* AVULP).
- Societ? Italiana di Chirurgia Veterinaria (SICV).
- Resident member of the Academia Pontaniana in Napoli.
European Medical Research Council (EMRC), High level expert Animals in biomedical resarch.
- Centro Interuniversitario di Ricerca Bioetica – Napoli.
Ordine dei Medici Veterinari della Provincia di Avellino (scientific committee president).
- Ethical Committee for the protection of animals used for experimental and other scientific purposes at the University of Napoli;
- Ethical Committee for animal use in Experimental procedures (CESA) at the A.O.R.N. A. Cardarelli in Napoli (1990-2014).
- Ethical Committee of the Istituto Tumori di Napoli, Fondazione G. Pascale.
- Founding member and Coordinator of the SIAARTI Study Group in Animal Anesthesia (SIAARTIVet)

Member of the Academic Senate of the University of Napoli Federico II (2003 - 2009).
Coordinator of the agreement of cooperation between the University of Michigan and the University of Napoli Federico II (2007-2014).

Coordinator of the agreement of cooperation between the University of Pennsylvania and the University of Napoli Federico II (2007 to date).

Coordinator of the agreement of cooperation between the University of Tennessee, Knoxville and the University of Napoli Federico II.

Holding visiting appointments at the Medical School of the University of Napoli and cultural Institutions and professional associations in Italy and abroad, also as Invited Lecturer.

Major research interests: physiopathology of anaesthesia in humans and animals; pain and analgesia in animals; effects of anesthesia on sense organs; sleep, consciousness and anaesthetic depth.

Publications:

Transnasal administration of a combination of dexmedetomidine, midazolam and butorphanol produces deep sedation in new zealand white rabbits. Santangelo, B., Micieli, F., Mozzillo, T., Reynaud, F., Marino, F., Auletta, L., Vesce, G. Veterinary anaesthesia and analgesia, in press 2015.

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Effects of some anesthetic agents on skin microcirculation evaluated by laser Doppler perfusion imaging in mice. - Sara Gargiulo, Matteo Gramanzini, Raffaele Liuzzi, Adelaide Greco, Arturo Brunetti, Giancarlo Vesce - BMC Veterinary Research 12/2013; 9(1):255.

Mice Anesthesia, Analgesia, and Care, Part I: Anesthetic Considerations in Preclinical Research - Sara Gargiulo, Adelaide Greco, Matteo Gramanzini, Silvia Esposito, Andrea Affuso, Arturo Brunetti, Giancarlo Vesce - ILAR journal / National Research Council, Institute of Laboratory Animal Resources 09/2012; ILAR Journal(54).

Mice Anesthesia, Analgesia, and Care, Part II: Anesthetic Considerations in Preclinical Imaging Studies. - Sara Gargiulo, Adelaide Greco, Matteo Gramanzini, Silvia Esposito, Andrea Affuso, Arturo Brunetti, Giancarlo Vesce - ILAR journal / National Research Council, Institute of Laboratory Animal Resources 01/2012; 53(1):70-81.

Effect of Anesthetic Drugs on Vestibular Evoked Myogenic Potential Recording. Gaetano Motta Giuliano Sequino, Antonella Menafro, Giancarlo Vesce, Giuseppina Marcuccio, Antonello Brancaccio, Arturo Lecce and Domenico Testa. The Open Otorhinolaryngology Journal 1874-4281.

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Lidocaine constant rate infusion for surgical analgesia in dogs.- Flippi C., Ricco A., Belli A., Cordella C., Marino F., Reynaud F., Vesce G.(2010). Proceedings of the Naples Pain Conference (NPC) Naples May 16-19th 2010, p. 57-58.

Analgesic refinement of painful experiments in laboratory animals. -Vesce G.- Proceedings of the Naples Pain Conference (NPC) Naples May 16-19th 2010 p. 139-142.

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Effetti analgesici ed emostatici perioperatori dell'agopuntura in cagne sottoposte ad ovarioisterectomia.- Ferrari D., Luna S.P.L., Lima A.F., Marucio R., Paparotto T., Takahira R.K., Vesce G.- Obiettivi e documenti veterinari (2006), XXVII 11-20.

Anaesthesia for myelographic examination in small animals: a retrospective study. G. Vesce , L. D'avino, S. Esca, A. Ricco, C. Filippi, A. Belli, D. Ferrari (2006)- Proceedings of the 12th Annual Conference EAVDI European Association of Veterinary Diagnostic Imaging. p.52.

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Chemical restraint and anaesthesia of birds: two case reports. Vesce G. (2004) Proceedings of the III International Symposium on Wild Fauna, pag. 286-289.

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Trattamento anestesilogico del paziente con insufficienza respiratoria acuta. Boll. AIVPA vol. XL, n? 3: 55 - 60, 2001.

Trattamento del dolore nei piccoli animali con trauma toracico. Boll. AIVPA vol. XLI, n? 1: 15 - 20, 2002

Nuove visioni laparoscopiche- Vesce G. (1999)- La Settimana Veterinaria: 211 – 31

Il dolore perioperatorio negli animali da laboratorio. Vesce G. (1996) 3? Simposio nazionale AISAL: ?Sperimentazione Animale: Aspetti Scientifici e gestionali?. 88-93

Olfactory transduction mechanisms in sheep. E Fabbri, M E Ferretti, M Buzzi, R Cavallaro, G Vesce, C Biondi - Neurochemical Research 07/1995; 20(6):719-25.

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Su di un caso di osteopatia ipertrofizzante pneumatica nel cane: studio clinico e follow up a lunga distanza. Lamagna F., Vesce G, Potena A., , Lorzio R., Brunetti A. (1990) *Acta Medica Veterinaria*, vol 36, 27-40,

The surgical membrane "goretex" in the esophageal surgery preliminary results of a clinical study in animals. Di Martino N., Vesce G., Lorzio R., Lamagna F., Fantini C., Martella A., Del Genio A. (1989) *Hepato-Gastroenterology* 36, 302.

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Il collasso tracheale del cane. Vesce G. (1984) *Obiettivi e Documenti Veterinari* 12, 35, 31-36

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