

Informazioni Personali

Nome e Cognome

Michele CARRON

CF

CRRMHL70R06A703E

Indirizzo lavoro

Via C. Battisti, 267, 35121 Padova, Italy

Telefono lavoro

+39 049 8213090-91

Fax lavoro

+39 049 8754256

E-mail

michele.carron@unipd.it

Nationalità

Italiana

Esperienza lavorativa

Esperienze lavorative

2003 – 2006: Anestesia-Terapia Intensiva, Ospedale S. Antonio, Padova

2004: Anestesia-Terapia Intensiva, Casa di Cura di Abano Terme

2004 –2006: SUEM-118, Mestre

2006 a tutt'oggi: Anestesia-Terapia Intensiva, Azienda Ospedaliera di Padova

Carriera Universitaria

2003-2007: Dottorato di Ricerca in Farmacologia e Tossicologia, Terapia Rianimativa ed Intensiva, Università di Padova

2013: Ricercatore confermato settore scientifico-disciplinare MED/41 – Anestesiologia

2014: Professore Aggregato Dipartimento di Medicina –DIMED con insegnamenti presso il corso di Laurea Magistrale a ciclo unico in Medicina e Chirurgia, Scuola di Specializzazione in Anestesiologia e Rianimazione, Corso di Laurea in Tecniche di Radiologia Medica, per Immagini e Radioterapia, Corso di Laurea Magistrale in Scienze delle Professioni Sanitarie Tecniche Diagnostiche.

Istruzione e formazione

Istruzione

1989: Maturità Classica, Liceo Classico PP Cavanis, Possagno (TV).

1998: Laurea in Medicina e Chirurgia, Università di Padova

Abilitazioni e Specializzazioni

1999: Abilitazione all'Esercizio della Professione di Medico-Chirurgo, Università di Padova

2003: Diploma di Specializzazione in Anestesia e Rianimazione, Università di Padova

2017: Master Biostatistica per la ricerca clinica e la pubblicazione scientifica - BRCPS

Affiliazioni

Membro della SIAARTI (Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva)

Membro dell' International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO)

Membro ASA (American Society of Anesthesiologists)

Languages

Italiano ed Inglese

Pubblicazioni e Collaborazioni scientifiche

Autore di più di 80 pubblicazioni su riviste nazionali ed internazionali indicizzate da ISI con Impact Factor
Reviewer di numerose riviste nazionali ed internazionali di Anestesia e Terapia Intensiva

**Full papers
cited in PubMed**

- 1) **Carron M** , Innocente F, Veronese S, et al. Subarachnoid anesthesia for loco-regional antiblastic perfusion with circulatory block (stop-flow perfusion). *Minerva Anesthesiol* 2006; 72: 37-45.
- 2) **Carron M**, Freo U, Innocente F, et al. Recovery profiles of general anesthesia and spinal anesthesia for chemotherapeutic perfusion with circulatory block (stop-flow perfusion). *Anesth Analg* 2007; 105: 1500-3
- 3) **Carron M**, Freo U, Veronese S, et al. Spinal block with 1.5 mg hyperbaric bupivacaine: not successful for everyone. *Anesth Analg* 2007; 105: 1515-6
- 4) Freo U, **Carron M**, Micaglio M, et al. ProSeal laryngeal mask airway for laparoscopic gastric banding in a myasthenic, morbidly obese patient. *Br J Anaesth* 2007; 99: 921-2
- 5) **Carron M**, Gagliardi G, Michielan F, et al. Occurrence of pneumothorax during noninvasive positive pressure ventilation through a helmet. *J Clin Anesth* 2007; 19: 632-5
- 6) **Carron M**, Ori C. Thrombolysis for massive pulmonary tumour embolism in a patient with cavoatrial renal carcinoma. *Br J Anaesth* 2008; 101: 285-6
- 7) **Carron M**, Veronese S, Ori c. Bilateral vocal cord paralysis and oedema after placement of a ProSeal laryngeal mask airway in a patient with spinocerebellar ataxia. *Br J Anaesth* 2009; 102: 890-1
- 8) Freo U, Pitton M, **Carron M**, et al. Anesthesia for urgent sequential ventriculoperitoneal shunt revision and cesarean delivery. *Int J Obstet Anesth* 2009; 18: 284-7
- 9) **Carron M**, Freo U, Ori C Subanaesthetic sevoflurane by a helmet for bronchospasm after tracheal extubation. *Br J Anaesth* 2009; 103: 307-8
- 10) **Carron M**, Freo U, Ori C. Occurrence and Care of an Obese Patient During a Serious Adverse Event with Propofol for an Endoscopy Procedure *Obes Surg* 2011; 21: 410-1
- 11) **Carron M**, Marchet A, Ori C. Supreme laryngeal mask airway for laparoscopic cholecystectomy in patient with severe pulmonary fibrosis. *Br J Anaesth* 2009; 103: 778-9
- 12) **Carron M**, Freo U, Ori C. Bronchoscope-guided intubation through a Laryngeal Mask Airway Supreme in a patient with a difficult-to-manage airway. *J Anesth* 2009; 23: 613-5
- 13) **Carron M**, Freo U, Michielan F. Effects of tracheal intubation on ventilation with LMA classic for percutaneous dilation tracheostomy. *Minerva Anesthesiol* 2010; 76: 181-7
- 14) **Carron M**, Freo U, Ori. Sensory Nerve Damage after Use of the Laryngeal Mask Airway Supreme *Anesthesiology* 2010; 112: 1055-6
- 15) Freo U, **Carron M**, Innocente F, et al. Effects Effects of A-Line Autoregression Index (AAI) Monitoring on Recovery After Sevoflurane Anesthesia for Bariatric Surgery. *Obes Surg* 2011; 21: 850-7
- 16) **Carron M**, Freo U, Zorzi M, et al. Predictors of failure of noninvasive ventilation in patients with severe community-acquired pneumonia. *J Crit Care* 2010; 25: 540.e9-14
- 17) **Carron M**, Veronese S, Ori C. Tetraplegia following thyroidectomy in a patient with spinal meningioma. *Br J Anaesth* 2010; 104: 786-7
- 18) **Carron M**, Freo U, Ori. Succinylcholine in Morbidly Obese Patients: Another Interesting Advantage. *Obes Surg* 2011; 21: 1981-2
- 19) **Carron M**, Freo U, Ori . Usefulness of spirometry in air leak evaluation during laparoscopic surgery in an obese patient with laryngeal mask airway Supreme™. *Br J Anaesth* 2010; 105: 387-9
- 20) **Carron M**, Freo U, Ori C. Sugammadex for treatment of postoperative residual curarization in a morbidly obese patient. *Can J Anaesth* 2012; 59: 813-4

- 21) **Carron M**, Parotto E, Freo U, et al. The correct dosing regimen for sugammadex in morbidly obese patients. *Anaesthesia* 2012; 67: 298-9
- 22) **Carron M**, Parotto E, Ori C. Prolonged neuromuscular block associated to non-alcoholic steatohepatitis in morbidly obese patient: neostigmine versus sugammadex. *Minerva Anestesiol* 2012; 78: 112-3
- 23) **Carron M**, Parotto E, Ori C. The use of sugammadex in obese patients. *Can J Anaesth* 2012; 59: 321-2
- 24) **Carron M**, Veronese S, Gomiero W, et al. Hemodynamic and Hormonal Stress Responses to Endotracheal Tube and ProSeal Laryngeal Mask Airway™ for Laparoscopic Gastric Banding. *Anesthesiology* 2012; 117: 309-20
- 25) **Carron M**, Guzzinati S, Ori C. Simplified estimation of ideal and lean body weights in morbidly obese patients. *Br J Anaesth* 2012; 109: 829-30
- 26) **Carron M**, Veronese S, Foletto M, et al. Sugammadex allows fast-track bariatric surgery. *Obes Surg* 2013; 23: 1558-63
- 27) **Carron M**, Freo U, BaHammam AS, et al Complications of non-invasive ventilation techniques: a comprehensive qualitative review of randomized trials. *Br J Anaesth* 2013; 110: 896-914
- 28) **Carron M**, Esquinas AM. Rescue therapy with noninvasive ventilation in do-not-intubate patients in acute respiratory failure: what is the best device among face masks? *Crit Care Med* 2013; 41: e233
- 29) Esquinas Rodriguez AM, Papadakos PJ, **Carron M**, et al. Clinical review: Helmet and non-invasive mechanical ventilation in critically ill patients. *Crit Care* 2013; 25; 17:223
- 30) **Carron M**, Beher A, Ori C. Cauda equina syndrome following combined spinal and epidural anesthesia with levobupivacaine. *Minerva Anestesiol* 2013; 79: 1445-6
- 31) **Carron M**, leppariello G, Ori C. Sugammadex in a patient with Sjogren's syndrome and polymyositis. *Br J Anaesth* 2013; 111: 1034-5
- 32) **Carron M**. Predicting difficult mask ventilation: a crucial point of airway management in obese patients. *Minerva Anestesiol* 2014; 80: 143-5
- 33) **Carron M**. Sugammadex after the reappearance of four twitches during train-of-four stimulation: monitoring and dose considerations. *Anesthesiology* 2014; 120: 508
- 34) **Carron M**. Sugammadex and ideal body weight in bariatric surgery: the debate continues. *Anesthesiol Res Pract.* 2014; 2014: 762432
- 35) **Carron M**. Sugammadex after magnesium sulphate administration in a morbidly obese patient undergoing general anaesthesia. *Br J Anaesth.* 2014; 112: 949-50
- 36) **Carron M**, Rossi S, Carollo C, Ori C. Comparison of invasive and noninvasive positive pressure ventilation delivered by means of a helmet for weaning of patients from mechanical ventilation. *J Crit Care.* 2014; 29: 580-5
- 37) **Carron M**, Gasparetto M, Vindigni V, Foletto M. Laparoscopic surgery in a morbidly obese, high-risk cardiac patient: the benefits of deep neuromuscular block and sugammadex. *Br J Anaesth.* 2014; 113: 186-7
- 38) **Carron M**. Effects of sugammadex on coagulation: it does not represent a bleeding risk in surgical patients. *Int J Clin Pharmacol Ther.* 2014;52:82
- 39) **Carron M**. Deep neuromuscular blockade and laparoscopy: Which level improves surgical

conditions? *Eur J Anaesthesiol.* 2015;32:64-5

40) **Carron M.** Respiratory benefits of deep neuromuscular block during laparoscopic surgery in a patient with end-stage lung disease. *Br J Anaesth.* 2015;114:158-9.

41) **Carron M,** Veronese S. Atropine sulfate for treatment of bradycardia in a patient with morbid obesity: what may happen when you least expect it. *BMJ Case Rep.* 2015; 29; 2015.

42) **Carron M.** Safety considerations regarding noninvasive positive pressure ventilation following esophagectomy. *Chest.* 2015;147:e120.

43) **Carron M,** Ori C. Magnesium-induced recurarisation after reversal of rocuronium-induced neuromuscular block with sugammadex. Findings vs. speculation. *Acta Anaesthesiol Scand.* 2015;59:946-7.

44) **Carron M,** Toniolo A, Ori C. Prolonged cholinergic effects after the reversal of neuromuscular blockade with neostigmine. *J Clin Anesth.* 2016;28:85.

45) **Carron M.** Bleeding Risk in Surgical Patients Receiving Sugammadex: Definitive Conclusions Are Not Yet Possible. *Anesthesiology.* 2015;123:1212.

46) Zanatta P, Linassi F, Mazzarolo AP, Aricò M, Bosco E, Bendini M, Sorbara C, Ori C, **Carron M,** Scarpa B. Pain-related Somato Sensory Evoked Potentials: a potential new tool to improve the prognostic prediction of coma after cardiac arrest. *Crit Care.* 2015;19:403.

47) **Carron M,** Ori C. Deep Neuromuscular Blockade for Laparoscopy: A Different View. *Anesth Analg.* 2016;122:289

48) **Carron M,** Baratto F, Zarantonello F, Ori C. Sugammadex for reversal of neuromuscular blockade: a retrospective analysis of clinical outcomes and cost-effectiveness in a single center. *Clinicoecon Outcomes Res.* 2016;8:43-52.

49) **Carron M,** Zarantonello F, Tellaroli P, Ori C. Perioperative noninvasive ventilation in obese patients: a qualitative review and meta-analysis. *Surg Obes Relat Dis.* 2016;12:681-91.

50) **Carron M,** Zarantonello F, Ori C. Dose of sugammadex in morbidly obese patients. *Anaesthesia.* 2016;71:730-1

51) **Carron M,** Galzignato C, Godi I, Ori C. Benefit of sugammadex on lung ventilation evaluated with electrical impedance tomography in a morbidly obese patient undergoing bariatric surgery. *J Clin Anesth.* 2016; 31:78-9. 51)

52) **Carron M.** Recruitment Maneuvers and Positive End-Expiratory Pressure Titration in Morbidly Obese ICU Patients: The Role of Positioning. *Crit Care Med.* 2016;44(9):e910

53) **Carron M,** Baratto F, Pettenuzzo T, Ori C. Sugammadex as rescue therapy for residual neuromuscular blockade in the intensive care unit. *Can J Anaesth.* 2016;63(12):1384-1385.

54) **Carron M.** A new horizon for the use of non-invasive ventilation in patients with acute respiratory distress syndrome. *Ann Transl Med.* 2016;4(18):348

55) **Carron M,** Zarantonello F, Tellaroli P, Ori C. Efficacy and safety of sugammadex compared to neostigmine for reversal of neuromuscular blockade: a meta-analysis of randomized controlled trials. *J Clin Anesth.* 2016; 35:1-12.

56) **Carron M,** Zarantonello F, Iepariello G, Ori C. Obesity and perioperative noninvasive ventilation in bariatric surgery. *Minerva Chir.* 2017;72(3):248-264.

57) **Carron M,** Zarantonello F, Lazzarotto N, Tellaroli P, Ori C. Role of sugammadex in accelerating postoperative discharge: A meta-analysis. *J Clin Anesth.* 2017; 39:38-44.

- 58) **Carron M**, Bertini D, Prandini T, Fanton F, Foletto M, Ori C, Perissinotto E, Simioni P. Effect of sugammadex on coagulation as detected by rotational thromboelastometry in morbidly obese patients. *Minerva Anesthesiol.* 2018;84:178-188.
- 59) **Carron M**, Bertoncetto F, Iepariello G. Profile of sugammadex for reversal of neuromuscular blockade in the elderly: current perspectives. *Clin Interv Aging.* 2017;13:13-24.
- 60) **Carron M**. Positive end-expiratory pressure in obese patients during general anaesthesia. The role of intra-abdominal pressure. *Br J Anaesth.* 2018;120:409-410.
- 61) Linassi F, Zanatta P, Tellaroli P, Ori C, **Carron M**. Isolated forearm technique: a meta-analysis of connected consciousness during different general anaesthesia regimens. *Br J Anaesth.* 2018;121:198-209

**Full papers
cited in Google
(Scholar)**

- 1) **Carron M**, Meneghetti M, Gagliardi G, Ori C. Severe hyponatremia: A physician's nightmare. Int J Case Rep Images 2015; 6: 694-697
- 2) Bernante P, Pilone V, **Carron M**, Micheletto G. SICOB. Societa Italiana di Chirurgia dell'Obesità e delle Malattie Metaboliche. Trattamento Perioperatorio. Pagg-35-46 (available on-line at https://www.sicob.org/00_materiali/linee_guida_2016.pdf)

Relevant Abstracts

- 1) Foletto M, Bernante P, **Carron M**, et al. General Anesthesia via Laryngeal Mask Airway in Laparoscopic Adjustable Gastric Banding (LAGB). *Surgery for Obesity and Related Disease* 2008; vol. 4, p. 325, ISSN: 1550-7289
- 2) **Carron M**, Freo U, Michielan F. Effects of Short- and Long-Term Tracheal Intubation on the Ventilation with cLMA for PDT. *Effects of Short- and Long-Term Tracheal Intubation on the Ventilation with cLMA for PDT. Anesthesiology* 2008; 109 A518
- 3) Freo U, **Carron M**, Innocente F, et al. Effects of AAI Monitoring on Anesthetic Requirement and Recovery Profiles in Obese Patients. *Anesthesiology* 2008; 109 A1685
- 4) **Carron M**, Foletto M. Sugammadex Allows a Fast-Track Bariatric Anaesthesia. *Obes Surg* 2012; 22: 1315-1419 (P034)
- 5) Foletto M, **Carron M**. Is There Any Way to Improve Bariatric Surgery Outcomes and Costs? *Obes Surg* 2012; 9: 1335 (O088)
- 6) Foletto M, **Carron M**, Zarantonello F, Prevedello L. Respiratory function after sugammadex and neostigmine administration for reversal of moderate rocuronium-induced neuromuscular blockade in morbidly obese patients. *Obes Surg* 2014; 24: 1136-1378 (O-013)
- 7) **Carron M**. Post-operative non-invasive ventilation in obese patients: A review and meta-analysis. *Anesthesiology* 2014; A3214
- 8) **Carron M**. Coagulation effects of sugammadex judged by rotational thromboelastometry in morbidly obese patients. *Anesthesiology* 2014; A4166
- 9) **Carron M**, Lazzarotto N, Tellaroli P, Zarantonello F, Ori C. Benefit of Sugammadex in Accelerating Postoperative Discharge to Surgical Ward. *Anesthesiology* 2016; A2211
- 10) **Carron M**, Zarantonello F, Lovat B, Veronese S, Ieppariello G, Mocellin S, Ori C. Corrected Versus Total Body Weight for Dosage of Sugammadex in Morbidly Obese Patients. *Anesthesiology* 2016; A2212

Book chapters

- 1) Book Title: Noninvasive Mechanical Ventilation. Theory, Equipment, and Clinical Applications. Chapter authors and title: **Carron M**, Freo U, Ori C. Complications During Noninvasive Pressure Support Ventilation; 2010; pp 107-117; Springer-Verlag Berlin Heidelberg. DOI: 10.1007/978-3-642-11365-9_17
- 2) Book Title: The Globesity Challenge to General Surgery. A Guide to Strategy and Techniques. Chapter authors and title: **Carron M**, Ori C. Anesthesiology in Obesity: Pre-op Assessment, OR Strategy, and Tips and Tricks for a Successful "Go Through"; 2014; pp 39-54; Springer-Verlag Italia. DOI: 10.1007/978-88-470-5382-3_5
- 3) Book Title: Integrated health in bariatric surgery. Chapter authors and title: Carron M. Anesthetic considerations for obese surgical patients undergoing bariatric surgery. 2015 Chapter XI. 1st Edition ISBN: 978-607-97283-0-4; Legal deposit:03-2016-070111434000-01; Produced in Mexico by: IIECS; Instituto de Investigación y Educación en Ciencias de la Salud. Design and edition: www.bariatric.today
- 4) Book Title: Noninvasive Mechanical Ventilation and Difficult Weaning in Critical Care. Chapter authors and title: **Carron M**, Toniolo A. Noninvasive Mechanical Ventilation in Postoperative Bariatric Surgery. Key Topics and Practical Approaches; 2016; pp 233-240; Springer International Publishing. DOI: 10.1007/978-3-319-04259-6_30
- 5) Book Title: Noninvasive Mechanical Ventilation. Theory, Equipment, and Clinical Applications. Chapter authors and title: **Carron M**, Zarantonello F. Noninvasive Ventilation in Patients with Severe Community-Acquired Pneumonia: What Have We Learned? Key Response Determinants and Practical Implications; 2016; pp 405-412; Springer International Publishing. DOI: 10.1007/978-3-319-21653-9_49

Reviewer

- 1) Anesthesiology
- 2) Minerva Anestesiologica
- 3) Journal of Critical Care
- 4) Journal of Clinical Anesthesia.
- 5) Open Journal of Anesthesiology
- 6) BMC Anesthesiology
- 7) Surgery for Obesity and Related Diseases (SOARD)
- 8) Saudi Journal of Anaesthesia
- 9) Case Reports in Anesthesiology
- 10) Saudi Medical Journal
- 11) ClinicoEconomics and Outcomes Research
- 12) Journal of Pain Research
- 13) Drug Design, Development and Therapy