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Cardiovascular effects of mechanical ventilation

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713	Mechanical ventilation in pediatrics. 2000 , 6, 66-70		3
712	Nonpharmacologic treatment of acute heart failure. 2001 , 13, 240-6		10
711	Acute asthma. 2001 , 2, 151-63		21
710	Diagnosis and management of pediatric myocarditis. 2002 , 4, 171-81		22
709	A formidable challenge: the diagnosis and treatment of viral myocarditis in children. 2003 , 19, 365-91		32
708	[Ventilation in special situations. Mechanical ventilation in status asthmaticus]. 2003 , 59, 352-62		1
707	Monitoring cardiac function in intensive care. <i>Archives of Disease in Childhood</i> , 2003 , 88, 46-52	2.2	134
706	Isoflurane but not mechanical ventilation promotes extravascular fluid accumulation during crystalloid volume loading. 2003 , 98, 670-81		65
705	Low cardiac output syndrome in children. 2005 , 16, 347-358		4
704	Is it safer to intubate premature infants in the delivery room?. 2005 , 115, 1660-5		120
703	Particularités pédiatriques de la prise en charge ventilatoire du syndrome de détresse respiratoire aiguë de l'enfant (nouveau-né exclu). 2005 , 14, 400-410		2
702	Treatment of heart failure in children. 2005 , 15, 539-548		8
701	Non-invasive positive pressure ventilation improves outcomes for people with acute pulmonary oedema and chronic heart failure. Commentary. 2005 , 9, 204-6		
700	Effect of meloxicam and butorphanol on minimum alveolar concentration of isoflurane in rabbits. 2006 , 67, 770-4		30
699	Cardiovascular support of the sick neonate. 2006 , 16, 176-181		6
698	Evaluation of a noninvasive cardiac output monitor in mechanically ventilated children. 2006 , 7, 231-6		35
697	Population volume kinetics predicts retention of 0.9% saline infused in awake and isoflurane-anesthetized volunteers. 2007 , 107, 24-32		57

696	Peri-operative management of paediatric patients undergoing cardiac surgery--focus on respiratory aspects of care. 2007 , 8, 336-47	8
695	Model-based identification of PEEP titrations during different volemic levels. 2008 , 91, 135-44	17
694	Current challenges in cardiac intensive care: optimal strategies for mechanical ventilation and timing of extubation. 2008 , 18 Suppl 3, 72-83	14
693	Rabbit anaesthesia. 2008 , 36-58	3
692	Evaluation of the efficacy and safety for use of two sedation and analgesia protocols to facilitate assisted ventilation of healthy dogs. 2008 , 69, 1351-9	18
691	The Cardiovascular Response to Arousal from Sleep Decreases with Age in Healthy Adults. 2008 ,	
690	Acute renal failure and mechanical ventilation: reality or myth?. 2009 , 29, 62-75; quiz 76	13
689	Mechanical ventilation strategy following Glenn and Fontan surgeries: On going challenge!. 2009 , 21, 153-7	8
688	Cardiovascular Pediatric Critical Illness and Injury. 2009 ,	
687	Ventilation-induced lung injury. 2011 , 1, 635-61	29
686	High-frequency oscillatory ventilation and pediatric cardiac surgery: yes, we can!. 2011 , 15, 1011	1
685	Pulmonary Hypertension in the Critically Ill. 2011 ,	
684	Mechanical ventilation in the pediatric cardiac intensive care unit: the essentials. 2011 , 2, 609-19	7
683	Physiological changes during low- and high-intensity noninvasive ventilation. 2012 , 39, 869-75	64
682	Mechanical Ventilation Following Cardiac Surgery in Children. 2012 , 8, 44-52	5
681	Hyaluronic acid-human blood hydrogels for stem cell transplantation. 2012 , 33, 8026-33	47
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643	Normal saline resuscitation worsens lactic acidosis in experimental sepsis. 2012, 16,	4

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641	Study of the correlation between central venous oxygen saturation and venous saturation from the antecubital vein in severe sepsis/septic shock patients. 2012, 16,	1
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625	Critical times in pediatric out-of-hospital cardiac arrest. 2012, 16,	1

624	Don't stop your heart in front of your family: family as a bystander is associated with poor outcome of bystander-witnessed, bystander-CPR-performed out-of-hospital cardiac arrest. 2012, 16,	78
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618	Early neurological outcome prediction model after bystander-witnessed out-of-hospital cardiac arrest: a nationwide population-based study. 2012, 16,	78
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449	Blood transfusion after cardiac surgery increases the hospital length of stay in adult patients. 2012, 16,	78
448	Transfusion of blood stored for longer periods of time does not alter the reactive hyperemia index in healthy volunteers. 2012, 16,	0
447	Liberal use of platelet transfusions in the acute phase of trauma resuscitation: a systematic review. 2012, 16,	78
446	Impact on early trauma mortality of the adoption of the Updated European Guidelines on the management of bleeding. 2012, 16,	78
445	Hemodynamics in the severely injured patient with significant hemorrhage. 2012, 16,	78

444	Critical older trauma patients. 2012, 16,	78
443	Outcomes in older blunt chest wall trauma patients: a retrospective study. 2012, 16,	2
442	Mortality trend alteration of thoracic injury after rapid response trauma team establishment. 2012, 16,	78
441	Trauma patients and cervical spine protection in critical care: the impact of a spinal checklist on clinical care and documentation. 2012, 16,	78
440	Effect of instrumented spinal fixation on outcome in polytrauma patients in the ICU. 2012, 16,	78
439	Whole body computed tomography scanning for severe blunt polytrauma: analysis of Trauma Audit and Research Network database 2005 to 2010. 2012, 16,	1
438	Post-traumatic rhabdomyolysis: an observational study in seven patients. 2012, 16,	78
437	Exertional rhabdomyolysis in female amateur triathletes. 2012, 16,	1
436	Controlled mechanical ventilation tactics in patients with polytrauma during interhospital transportation to the specialized center. 2012, 16,	11
435	Impact of fluid resuscitation volume on the severity of organ failures in severely burned patients. 2012, 16,	78
434	Organ dysfunction in the resuscitation phase of critical burn patients. 2012, 16,	78
433	Epidemiological study of critical burn patients in an ICU. 2012, 16,	1
432	Fluid creep in burn resuscitation: the tide has not yet turned. 2012, 16,	5
431	Early administration of parenteral estrogen suppresses the deleterious local and systemic inflammatory response in severe burns. 2012, 16,	78
430	Reducing the indication of ventilatory support in the severely burnt patient and improving outcomes: Results of a new protocol approach within a regional burns centre. 2012, 16,	78
429	Cardiopulmonary exercise testing and elective open abdominal aortic aneurysm surgery over a 6-year period in a UK teaching hospital. 2012, 16,	1
428	Perioperative evaluation of elective surgical patients: is it possible to plan ICU admission?. 2012, 16,	78
427	Cardiac-specific biomarkers and life-threatening complications of off-pump versus on-pump coronary bypass surgery in Egyptian patients. 2012, 16,	78

426	Aortic aneurysm disease versus aortic occlusive disease: differences in postoperative ICU requirements after open elective abdominal aortic surgery. 2012, 16,	1
425	High postoperative blood levels of macrophage migration inhibitory factor are associated with less organ dysfunction in patients after cardiac surgery. 2012, 16,	78
424	Predictors of prolonged mechanical ventilation after heart transplantation. 2012, 16,	78
423	Atrial fibrillation following major noncardiac thoracic surgery: significance and impact on morbidity. 2012, 16,	1
422	Oxygen delivery index during goal-directed therapy predicts complications and hospital length of stay in patients undergoing high-risk surgery. 2012, 16,	78
421	Transfer delays in patients referred for neurosurgical intervention with traumatic brain injury. 2012, 16,	1
420	Performances of ventilator at simulated altitude. 2012, 16,	78
419	Impact of H1N1 influenza on critical care and dependent services in Wales during winter 2010/2011. 2012, 16,	78
418	Effects of levels of clinical supervision during simulated ICU scenarios on resident learning and patient care: a qualitative study. 2012, 16,	78
417	Virtual reality and live scenario simulation: options for training medical students in mass casualty incident triage. 2012, 16,	3
416	Utilization of iPad in the system of emergency demand and acceptance. 2012, 16,	78
415	Mass evacuation of victims from emergency areas by medical modules aboard the aircraft of EMERCOM of Russia. 2012, 16,	78
414	Reliability and validity of an Italian four-level emergency triage system. 2012, 16,	78
413	Coordination of emergency resources after Lorca earthquakes. 2012, 16,	78
412	Lightning injuries in a lightning city: a district hospital experience in Singapore. 2012, 16,	78
411	Satisfaction survey among medical staff involved in relief operations following the Great East Japan Earthquake and Tsunami. 2012, 16,	78
410	Nuclear disaster and the medical problems during the earthquake in Japan, 2011. 2012, 16,	78
409	Stressors in the ICU: different perceptions of patients, relatives and staff members. 2012, 16,	78

408	Role of ICU nurses in the confrontation of post-traumatic stress disorder in relatives of ICU patients in a general hospital of Athens, Greece. 2012, 16,	78
407	Family meetings and end-of-life decision-making in Thai critically ill patients. 2012, 16,	78
406	Influence of burnout on attitudes of ICU doctors and nurses towards liberalization of visiting policies. 2012, 16,	78
405	Prevalence, risk factors and impact of severe burnout syndrome in 12 Uruguayan ICUs. 2012, 16,	78
404	Opening the ICU: views of ICU doctors and nurses before and after liberalization of visiting policies. 2012, 16,	3
403	A family-based satisfaction survey on the ICU. 2012, 16,	1
402	Immediate needs and level of anxiety of families with traumatic brain injury patients admitted to ICUs. 2012, 16,	78
401	Families: the newest members of the ICU multidisciplinary team. 2012, 16,	78
400	Family satisfaction in an interdisciplinary ICU: a quality audit. 2012, 16,	78
399	Incidence of post-traumatic stress, anxiety and depression symptoms in patients and relatives during the ICU stay and after discharge. 2012, 16,	3
398	Application of a new German law as a basis for end-of life decisions in a medical ICU. 2012, 16,	78
397	Effect of a full moon on mortality of patients admitted to the ICU. 2012, 16,	78
396	Potential association of gender with mortality and withdrawal of life-sustaining therapies in patients with severe TBI: a Canadian multicentre cohort study. 2012, 16,	78
395	Making drug delivery in the ICU safer: the implementation of advanced computerised intravenous infusion pumps. 2012, 16,	1
394	Growing a positive culture in an ICU antimicrobial stewardship program. 2012, 16,	78
393	Injectional anthrax: the inflammatory response. 2012, 16,	78
392	Multicenter consensus development of a checklist for lung injury prevention. 2012, 16,	1
391	Impact of the Paediatric Intensive Care Outreach Network service on mortality within intensive care. 2012, 16,	78

390	In-hospital rapid response system: effects on outcome and workload. 2012, 16,	1
389	Medical emergency team admittance to intensive care versus conventional admittance: characteristics and outcome. 2012, 16,	78
388	Factors affecting critical care admission to a UK university hospital. 2012, 16,	1
387	Intensive care services in Hungary 2000 to 2010: an analysis of bed numbers, occupancy rates, case mix and economics. 2012, 16,	78
386	Data acquisition for the UK Critical Care Minimum Data Set: validation of a computer model for automatic calculation from an electronic patient record. 2012, 16,	78
385	To admit or not to admit? The suitability of critical care admission criteria. 2012, 16,	2
384	Out-of-hours discharge from the ICU: defining the out-of-hours period and its effect on mortality. 2012, 16,	3
383	Delayed discharges revisited: impact of a liaison post on patients' transition from ICU to ward care. 2012, 16,	78
382	Assessing demand for intensive care services: the role of readmission rates. 2012, 16,	78
381	Management of cardiac drugs in a critical care setting. 2012, 16,	78
380	Pharmacists and fastidiousness improve compliance with guidelines for stress ulcer prophylaxis. 2012, 16,	78
379	Healthcare workers' experience when using an electronic medical order entry and bar-code technology in an ICU. 2012, 16,	78
378	Safer ICU trainee handover: a service improvement project. 2012, 16,	1
377	ICU handover: are we forgetting something? A preliminary study. 2012, 16,	1
376	Quality and value of intensive care discharge summaries for general practitioners. 2012, 16,	3
375	Volume-outcome relationship in critical care: a systematic review. 2012, 16,	78
374	Radiation doses in young ICU patients: a cause for concern?. 2012, 16,	1
373	Accuracy of height and weight estimation by critical care staff. 2012, 16,	78

372	Implementation of evidence-based care bundles in the ICU. 2012, 16,	1
371	Awareness of difficult airway equipment on the ICU. 2012, 16,	78
370	A new patient mobilization scoring system in the ICU: what is the degree of similarity in scores between assessors in daily use?. 2012, 16,	78
369	Motor and respiratory intensive rehabilitation in bedridden patients. 2012, 16,	1
368	Severity of electrophysiological alterations correlates with severity of illness in the early phase of critical illness polyneuropathy. 2012, 16,	78
367	Muscle strength assessment of critically ill patients is associated with functional ability and quality of life at hospital discharge. 2012, 16,	1
366	Functional dependency in the direct post-ICU phase in patients with prolonged mechanical ventilation. 2012, 16,	78
365	IL-17A rs1974226 GG genotype is associated with increased susceptibility to Gram-positive infection and mortality of severe sepsis. 2012, 16,	78
364	Prevalence of TLR4 single nucleotide polymorphisms (ASP299GLY, THR399ILE) in healthy subjects and septic patients, and association with outcome. 2012, 16,	78
363	Modelling immune responses in sepsis. 2012, 16,	78
362	Decreased peripheral CD4+/CD8+ lymphocytes and poor prognosis in aged sepsis. 2012, 16,	78
361	Homeostatic pulmonary microenvironment is responsible for alveolar macrophages resistance to endotoxin tolerance. 2012, 16,	78
360	In vivo natural killer and natural killer T-cell depletion affects mortality in a murine pneumococcal pneumonia sepsis model. 2012, 16,	78
359	Mobilization of hematopoietic and nonhematopoietic stem cell subpopulations in sepsis: a preliminary report. 2012, 16,	1
358	Blunted IL-17 responses early after advent of multiple injuries. 2012, 16,	78
357	Apoptosis of neutrophils, expression of TREM-1 on neutrophils and IL-17 responses in experimental burn in injury are related to the type and time of burn exposure. 2012, 16,	78
356	Insufficient autophagy relates to mitochondrial dysfunction, organ failure and adverse outcome in an animal model of critical illness. 2012, 16,	1
355	Modulation of mediators derived from whole blood or monocytic cells stimulated with lipopolysaccharide reduces endothelial cell activation. 2012, 16,	78

354	A/H1N1 infection: immunological parameters in ICU patients. 2012 , 16,	78
353	Time of course CD64, a leukocyte activation marker, during extracorporeal circulation. 2012 , 16,	78
352	Oral neutrophil quantitation in patients undergoing elective cardiopulmonary bypass. 2012 , 16,	78
351	C13-pyruvate administration revealed differential metabolism between heart, liver and red blood cells and improved heart function during endotoxemia. 2012 , 16,	78
350	AMP-activated protein kinase controls liposaccharide-induced hyperpermeability. 2012 , 16,	2
349	Reduced expression of PPAR- γ limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. 2012 , 16,	78
348	Effects of hexafluoro-2-propanol on inflammatory and hemodynamic responses in a rat model of endotoxic shock. 2012 , 16,	78
347	Effects of noradrenaline and lipopolysaccharide exposure on mitochondrial respiration in alveolar macrophages. 2012 , 16,	78
346	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. 2012 , 16,	1
345	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. 2012 , 16,	78
344	Activated protein C, severe sepsis and 28-day mortality. 2012 , 16,	78
343	Soluble usokinase plasminogen activator receptor as a useful biomarker to define advent of sepsis in patients with multiple injuries. 2012 , 16,	78
342	Role of serum biomarkers in the diagnosis of infection in patients undergoing extracorporeal membrane oxygenation. 2012 , 16,	1
341	Correlation of VAP diagnosis with parameters of critically ill patients in a general ICU. 2012 , 16,	78
340	Usefulness of daily monitoring of procalcitonin and C-reactive protein in the early diagnosis of infection after elective colonic surgery. 2012 , 16,	1
339	Procalcitonin as a predictive marker for PCR test and blood culture results in suspected invasive candidemia. 2012 , 16,	78
338	Would procalcitonin measurement aid antimicrobial stewardship in a UK district general hospital mixed adult critical care population?. 2012 , 16,	78
337	Procalcitonin has a poor prognosis value in critically ill patients with candidemia. 2012 , 16,	78

336	Assessment of the usefulness of presepsin (soluble CD14 subtype) in septic patients. 2012, 16,	78
335	Circulating cell-free DNA levels measured by a novel simple fluorescent assay are predictive for outcome of severe sepsis. 2012, 16,	78
334	Clinical usefulness of measuring endotoxin activity on ICU admission. 2012, 16,	78
333	Prognostic value of serum galactomannan in mixed ICU patients: a retrospective observational study. 2012, 16,	78
332	Analysis of (1- β) D-glucan as a diagnostic adjunct for invasive fungal infections in the ICU setting. 2012, 16,	78
331	Impaired heart rate variability predicts clinical deterioration and progressive organ failure in emergency department sepsis patients. 2012, 16,	4
330	Severe community-acquired pneumonia: risk factors for in-hospital mortality. 2012, 16,	1
329	Systemic corticosteroids for community-acquired pneumonia in adults. 2012, 16,	78
328	Characteristics of leptospirosis patients admitted to a tropical university hospital during the 2000 to 2010 period. 2012, 16,	1
327	Prognostic impact of imported and newly-isolated methicillin-resistant <i>Staphylococcus aureus</i> in the ICU. 2012, 16,	78
326	Necrotizing pneumonia due to methicillin-sensitive <i>Staphylococcus aureus</i> secreting Panton-Valentine leukocidin: a review of case reports. 2012, 16,	78
325	Predicting methicillin-resistant <i>Staphylococcus aureus</i> in critically ill patients with pneumonia presenting to the hospital. 2012, 16,	78
324	Predictors of multidrug-resistant <i>Acinetobacter baumannii</i> infections: a retrospective analysis in surgical ICU patients. 2012, 16,	78
323	Risk factors for bronchial acquisition of resistant Gram-negative bacteria in critically ill patients and outcome. 2012, 16,	78
322	Improved antibiotic stewardship resulting from a multifaceted strategy implemented after an outbreak of multiresistant <i>Acinetobacter baumannii</i> in a university ICU. 2012, 16,	78
321	Empirical antifungal treatment in the critically ill patients: how does it impact on the outcome?. 2012, 16,	78
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319	Predictive and prognostic factors of septic shock of nosocomial origin. 2012, 16,	1

318	Catheter-related bloodstream infection: factors affecting incidence. 2012, 16,	78
317	Prognostic factors of septic shock. 2012, 16,	78
316	Severe sepsis in the United States: a 5-year analysis. 2012, 16,	78
315	District hospital experience of organ support requirements for H1N1-associated pneumonia. 2012, 16,	78
314	Compliance with the sepsis resuscitation bundle in patients with severe sepsis and septic shock admitted to Scottish ICUs. 2012, 16,	78
313	Improving early administration of antibiotics: a Plan Do Study Act Approach. 2012, 16,	78
312	Source-directed antimicrobials: a shot in the dark?. 2012, 16,	78
311	Relation between temperature in the initial 24 hours in patients with severe sepsis or septic shock with mortality and length of stay in the ICU. 2012, 16,	78
310	Temperature management for patients without brain injury in Australia and New Zealand ICUs: a point prevalence study. 2012, 16,	78
309	Impact of antifungal treatment in ICU patients with Candida colonization: analysis of the EPIC II study population. 2012, 16,	78
308	Pharmacokinetics of micafungin in patients with severe burn injuries. 2012, 16,	78
307	Bacteremia affects the mortality of septic patients with high serum procalcitonin level in the ICU. 2012, 16,	78
306	Cases of tetanus after the Japan crisis 2011. 2012, 16,	1
305	Does the day of the week predict the presence of microbiologically confirmed ventilator-associated pneumonia?. 2012, 16,	78
304	Assessing perforation of acute appendicitis using the delta neutrophil index reflecting the peripheral immature granulocyte count. 2012, 16,	78
303	Effects of a multifaceted quality improvement intervention in reducing mortality and bloodstream infection in ICUs: insights from the QUALITI initiative. 2012, 16,	78
302	Ceftazidime dosage regimen recommendations in burn patients based on a Monolix population pharmacokinetic study. 2012, 16,	78
301	Continuous versus intermittent vancomycin in children after cardiac surgery with delayed sternal closure. 2012, 16,	1

300	Elimination of linezolid in patients undergoing low-flow continuous venovenous haemodiafiltration. 2012, 16,	1
299	A post-authorisation survey to analyse the perioperative teicoplanin plasma concentrations in adult patients with chronic bone sepsis, who received loading doses of 12 mg/kg 12-hourly for 48 hours followed by 12 mg/kg once daily. 2012, 16,	1
298	Pharmacokinetics of inhaled colistin in critically ill patients with ventilator-associated tracheobronchitis. 2012, 16,	78
297	Efficacy of inhaled tobramycin in severe nosocomial pneumonia. 2012, 16,	1
296	Comparison of a bronchoscopic microsample probe with bronchoalveolar lavage to measure cytokine levels in critically ill patients. 2012, 16,	78
295	Clinical and epidemiological risk factors for ventilator-associated pneumonia in a cohort of critically ill patients. 2012, 16,	1
294	Use of a ventilator-associated pneumonia (VAP) bundle to decrease the VAP rate in Syria. 2012, 16,	78
293	A strategy for prevention and control of catheter-related bloodstream infection of ICU patients in China (Prevent CRBSI): a prospective, multicenter, controlled study. 2012, 16,	1
292	Wash your hands: simple measures save lives. 2012, 16,	78
291	Comparison of hand hygiene in single-room versus open-plan ICUs. 2012, 16,	78
290	Compliance for decontamination of bedside computer keyboards on an ICU. 2012, 16,	78
289	Reduced air contamination in an ICU environment with a portable air purification system. 2012, 16,	78
288	Effectiveness of an innovative system for the bio-decontamination of the ICU. 2012, 16,	78
287	Massive hemoptysis in a respiratory ICU: causes, interventions and outcomes - Indian study. 2012, 16,	1
286	Capnography use in Scottish ICUs. 2012, 16,	78
285	Digitalized acoustic monitoring of lung congestion. 2012, 16,	78
284	Usefulness of electrical activity of the diaphragm to detect intrinsic positive end-expiratory pressure during pressure support ventilation. 2012, 16,	78
283	Adequate lung sliding identification is not influenced by the level of academic or ultrasound training. 2012, 16,	78

282	Lung ultrasound can differentiate <i>Pneumocystis jiroveci</i> versus other etiologies among critically ill AIDS patients with pneumonia. 2012 , 16,	5
281	Difference in accuracy of lung sliding identification between the right and left hemithorax. 2012 , 16,	78
280	Trans-thoracic echo evaluation before and during noninvasive ventilation. 2012 , 16,	1
279	Listen to PaO ₂ /FiO ₂ ratios: they tell us about length of stay. 2012 , 16,	78
278	Worst Oxygenation Index during the first 24 hours of ventilation predicts mortality. 2012 , 16,	78
277	The Oxygenation Index compared with the P/F ratio in ALI/ARDS. 2012 , 16,	2
276	Do actual tidal volumes differ from prescribed tidal volumes?. 2012 , 16,	78
275	Intratracheal administration of siRNA targeting FAS reduces ischemia-reperfusion-induced lung injury. 2012 , 16,	78
274	Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of TNF receptor I. 2012 , 16,	78
273	Retrieval of patients with severe respiratory failure on venovenous extracorporeal membrane oxygenation: an intensivist-led model. 2012 , 16,	78
272	A new miniaturized extracorporeal membrane oxygenator with integrated rotary blood pump (Ilias): first results in a porcine model of lung injury. 2012 , 16,	78
271	ECMO in nonintubated patients as a bridge to lung transplant: our experience. 2012 , 16,	78
270	Extracorporeal life support in major trauma: case series from a tertiary referral trauma. 2012 , 16,	78
269	Two years' experience with bicaval dual lumen cannula for venovenous extracorporeal membrane oxygenation in adult refractory acute respiratory distress syndrome. 2012 , 16,	1
268	Resolution of organ functional scores to predict outcomes in severe acute respiratory distress syndrome patients receiving extracorporeal membrane oxygenation. 2012 , 16,	1
267	Corticosteroids for critically ill patients: an international survey of intensivists. 2012 , 16,	78
266	Effects of salbutamol on airway characteristics in mechanically ventilated adults without COPD. 2012 , 16,	78
265	Respiratory system elastance monitoring during PEEP titration. 2012 , 16,	2

264	Accuracy of the pressure-volume curve method compared to quantitative lung CT scan to assess the recruitable lung in patients with acute respiratory failure. 2012, 16,	78
263	Flow-controlled expiration discloses PEEP-dependent dynamic hysteresis of the pressure-volume loop. 2012, 16,	78
262	Feasibility of early spontaneous breathing in acute respiratory distress syndrome. 2012, 16,	78
261	A device for ventilation-analogue mechanostimulation in vitro. 2012, 16,	78
260	Hemodynamics effects of recruitment maneuver. 2012, 16,	2
259	Differential pulmonary and circulatory effects of preventive lung protective ventilation in an experimental postoperative sepsis model. 2012, 16,	78
258	High NT-proBNP level is correlated with high PEEP, low PH and low PaO ₂ /FiO ₂ in ARDS. 2012, 16,	78
257	Early application of high-frequency oscillatory ventilation in H1N1 influenza-related severe ARDS is associated with better outcome. 2012, 16,	78
256	Outcomes of early delivery in pregnant patients with acute respiratory distress syndrome. 2012, 16,	3
255	Mechanical ventilation demographics between 1999 and 2009. 2012, 16,	78
254	Mechanical ventilation in intensive and critical care units of Russia: RuVent national epidemiologic study. 2012, 16,	3
253	Use of a fully closed-loop ventilation mode in long-term ventilated ICU patients: a prospective study. 2012, 16,	78
252	Effects of low and high tidal volume and pentoxifylline on intestinal blood flow and leukocyte-endothelial interactions in mechanically ventilated rats. 2012, 16,	78
251	A method for continuous noninvasive assessment of respiratory mechanics during spontaneous breathing. 2012, 16,	78
250	Influence of catheter diameter, endotracheal tube diameter, suction pressure, and PEEP on the tracheal pressure and lung volume during endotracheal suctioning using a lung model. 2012, 16,	78
249	Risk factors of mortality in severe cutaneous adverse reactions patients with pulmonary involvement. 2012, 16,	78
248	During spontaneous breathing cardiac output lacks major effect on pulmonary shunting in porcine lungs with partial collapse. 2012, 16,	78
247	Oxygenation correlates with lung aeration during unsupported spontaneous breathing in porcine lung collapse model. 2012, 16,	78

246	Safety and effect of intermittent intrapulmonary percussive ventilation on oxygen saturation and hemodynamic functions. 2012, 16,	78
245	Impact of an open lung approach on hemodynamic parameters after cardiac surgery. 2012, 16,	78
244	A protective-ventilation strategy reduces pulmonary complications after cardiac surgery. 2012, 16,	78
243	A rule for predicting the new equilibrated carbon dioxide partial pressure after changes in the ventilation frequency. 2012, 16,	78
242	Patient-ventilator asynchrony during conventional or automated pressure support ventilation in difficult-to-wean patients. 2012, 16,	2
241	High levels of B-type natriuretic peptide predict weaning failure from mechanical ventilation in adult patients after cardiac surgery. 2012, 16,	78
240	Case-control study of failed extubation. 2012, 16,	2
239	Out-of-bed extubation: changing paradigms. 2012, 16,	78
238	Prediction of post-extubation failure by portable ICU ultrasound. 2012, 16,	78
237	Intermittent aspiration of pharyngeal secretion for re-intubation prevention. 2012, 16,	78
236	Efficacy of biphasic cuirass ventilation in the critical care department. 2012, 16,	1
235	Differences in neurophysiologic effects between CPAP and a novel high-flow therapy system. 2012, 16,	78
234	Management of acute bronchospasm respiratory distress with CPAP ventilation associated with nebulization in the prehospital emergency setting. 2012, 16,	78
233	Difference between continuous positive airway pressure via mask therapy plus chest physiotherapy (CPT) and incentive spirometry therapy plus CPT to treat or prevent acute atelectasis after cardiac surgery. 2012, 16,	78
232	Nasal high-flow oxygen in patients with hypoxic respiratory failure: effect on functional and subjective respiratory parameters compared to conventional oxygen therapy and noninvasive ventilation. 2012, 16,	2
231	Short-term effect of humidified high nasal flow oxygen in critically ill patients. 2012, 16,	78
230	Good response on high nasal oxygen flow reduces the need for intubation in adult respiratory failure. 2012, 16,	78
229	An audit of airway complications in a district general hospital ICU. 2012, 16,	78

228	Multidisciplinary care for patients with tracheostomy shortened time to decannulation. 2012, 16,	78
227	Influence of percutaneous tracheostomy on gas exchange in mechanically ventilated patients. 2012, 16,	78
226	Bronchoscope-guided percutaneous dilatational tracheostomy performed by an experienced intensivist: a 26-month experience at a tertiary care center in United Arab Emirates. 2012, 16,	78
225	Risk factors for poor outcome in patients with osmotic demyelination syndrome. 2012, 16,	3
224	Is inappropriate secretion of anti-diuretic hormone (SIADH) the cause of hyponatremia in Legionella pneumonia?. 2012, 16,	78
223	Fluctuations in serum sodium level are associated with an increased risk of death in surgical ICU patients. 2012, 16,	78
222	Impact of ketogenesis and strong ion difference on acid-base in our CICU. 2012, 16,	78
221	Buffer therapy in metabolic acidosis after surgery-associated hemorrhage in pediatric oncology. 2012, 16,	78
220	An unusual cause of high anion gap metabolic acidosis: pyroglutamic acidosis. 2012, 16,	0
219	Metabolic acid-base disturbances in patients in the emergency department. 2012, 16,	78
218	Aberrant bone metabolism in critical illness. 2012, 16,	78
217	Low serum 25-hydroxyvitamin D levels and acute kidney injury in the critically ill. 2012, 16,	78
216	Concentration of major vitamins in critically ill patients. 2012, 16,	78
215	No association between vitamin D deficiency at admission and outcome in a medical ICU. 2012, 16,	78
214	Plasma levels of Coenzyme Q10 are reduced in critically ill patients as compared to healthy volunteers and correlate with age. 2012, 16,	3
213	Reduced cortisol metabolism drives hypercortisolism in critical illness. 2012, 16,	78
212	Effect of low-dose hydrocortisone on the expression of glucocorticoid receptor alpha of the septic kidney in rats and its protective effect on kidney injury. 2012, 16,	78
211	Hydrocortisone increases the risk of dysglycemia in critically ill patients. 2012, 16,	78

210	Nutritional status of patients occupying ICUs in the state of Rio de Janeiro. 2012 , 16,	78
209	Investigating diarrhoea on the ICU: a retrospective study. 2012 , 16,	78
208	Preliminary report of surface electrogastrography in critically ill septic patients after resuscitation. 2012 , 16,	78
207	Frequency, determinants and impact of feed intolerance amongst the critically ill. 2012 , 16,	78
206	Gastric emptying assessment in critically ill patients with feed intolerance; comparison of 13C octanoic acid, paracetamol and 3-O-methylglucose absorption tests. 2012 , 16,	78
205	Early enteral nutrition in the critically ill: a single-centre study. 2012 , 16,	78
204	Preliminary experience with ketone-targeted treatment of diabetic ketoacidosis. 2012 , 16,	78
203	Impact of blood glucose on blood lactate levels in a medical ICU: a retrospective cohort study. 2012 , 16,	5
202	Relationship between glycemic Lability Index, infections and outcome in critically ill patients. 2012 , 16,	0
201	Variability of insulin sensitivity during the first 4 days of critical illness. 2012 , 16,	4
200	Endogenous insulin secretion in critically ill patients. 2012 , 16,	78
199	Impact of the type of glucose monitoring on the assessment of glycemic variability in critical care patients. 2012 , 16,	2
198	Evaluation of a continuous blood glucose monitoring system using a central venous catheter with an integrated microdialysis function. 2012 , 16,	78
197	Variable and maximum blood glucose levels during the first week after ICU admission are related to the severity of the patients. 2012 , 16,	78
196	Pilot trial of STAR in the medical ICU. 2012 , 16,	78
195	Glucometer accuracy and implications for clinical studies. 2012 , 16,	1
194	Initial experience with continuous intra-arterial fluorescent glucose monitoring in patients in the ICU following cardiac surgery. 2012 , 16,	78
193	Preliminary ICU experience of a novel intravascular blood glucose sensor. 2012 , 16,	3

192	Does tight glyceic control positively impact on patient mortality?. 2012, 16,	78
191	Glycaemic control in ICUs in large English hospitals: a follow-up telephone survey. 2012, 16,	78
190	Model-based regulation of glucose in critical care. 2012, 16,	78
189	Perioperative glyceic control with a computerized algorithm versus conventional glyceic control. 2012, 16,	78
188	Efficacy of the novel heart attack centre extension pathway: a pilot study. 2012, 16,	78
187	Integral assistance process implantation for ST-elevated acute coronary syndrome. 2012, 16,	78
186	Prognostic value of Killip classification in terms of health-related quality of life. 2012, 16,	78
185	Modes of arrival, door to balloon time and its impact on morbidity and mortality for ST elevation myocardial infarct. 2012, 16,	3
184	Next-generation, fast and accurate point-of-care test for NT-proBNP based on Magnotech technology. 2012, 16,	78
183	Right ventricular apical versus septal pacing: impact on left ventricular synchrony and function. 2012, 16,	78
182	Consecutive case series of Takotsubo cardiomyopathy: a disease potentially triggered by the Great East Japan Earthquake. 2012, 16,	78
181	Stress cardiomyopathy after live donor liver transplantation: incidence, risk factors and mortality. 2012, 16,	78
180	Short-term hemodynamic effects of nebivolol in acute decompensated heart failure: a randomized clinical trial. 2012, 16,	78
179	Patients with infective endocarditis patients in the ICU: how are they?. 2012, 16,	78
178	Malperfusion and branch compromise in acute type A aortic syndrome. 2012, 16,	78
177	Prognostic value of the echocardiographic-derived calcium index in coronary artery disease. 2012, 16,	78
176	Echocardiography in the ICU: an audit of 3 years practice. 2012, 16,	1
175	Left ventriculum diastolic dysfunction in pediatric septic shock. 2012, 16,	78

174	Existence of interference between the heart and respiratory sounds: preliminary report. 2012 , 16,	78
173	Effects of the intravenous administration of purine nucleosides guanosine or inosine against hemorrhagic shock in pigs. 2012 , 16,	78
172	Norepinephrine versus angiotensin II in septic shock: effects on isolated kidney, heart and liver mitochondrial respiration. 2012 , 16,	78
171	Goal-directed hemodynamic resuscitation in high-risk patients undergoing cardiac surgery: a randomized controlled trial - preliminary data (GRICCS STUDY). 2012 , 16,	1
170	Economic evaluation of early-goal directed therapy for high-risk surgical patients. 2012 , 16,	78
169	What matters during a hypotensive episode: fluids, vasopressors, or both?. 2012 , 16,	78
168	Elevated central venous pressure in septic patients is associated with impairment of microcirculatory blood flow. 2012 , 16,	78
167	Human protein C concentrate to restore physiological values in adult septic shock patients: effects on microcirculation. 2012 , 16,	78
166	Heart rate reduction with esmolol in septic shock: effects on microcirculation. 2012 , 16,	78
165	Microcirculation and blood transfusion: effects of three different types of concentrated red blood cells - preliminary results. 2012 , 16,	2
164	Peripheral perfusion is correlated to metabolic perfusion parameters and microvascular reactivity but not with hepatosplanchnic or microcirculatory flow parameters in hyperdynamic septic shock. 2012 , 16,	78
163	Hyperoxia affects peripheral tissue microcirculation in patients with pulmonary arterial hypertension. 2012 , 16,	2
162	Supraclavicular ultrasound-guided subclavian vein cannulation in infants under 5 kg. 2012 , 16,	78
161	Central venous catheter placement: where is the end of the line?. 2012 , 16,	78
160	Power-injectable peripherally inserted central catheters in intensive care patients. 2012 , 16,	1
159	Comparison of internal jugular and subclavian access for central venous catheterization in pediatric cardiac surgery. 2012 , 16,	1
158	Ultrasound-guided central venous line placement in critically ill patients: is chest X-ray needed to assess post-insertion pneumothorax?. 2012 , 16,	78
157	Errors in the arterial blood pressure measurement. 2012 , 16,	1

156	The T-Line TL-200 system for continuous noninvasive blood pressure measurement in medical ICU patients. 2012 , 16,	78
155	Reliability of radial arterial pressure monitoring after cardiac surgery. 2012 , 16,	1
154	Right/left ventricular area ratio does not correlate with right ventricular impedance. 2012 , 16,	1
153	Role of mannose-binding lectin on pneumococcal infections. 2012 , 16,	78
152	Assessment of Cardiovascular Function. 2012 , 94-132	
151	Abstracts of the 32nd International Symposium on Intensive Care and Emergency Medicine. March 20-23, 2012. Brussels, Belgium. 2012 , 16 Suppl 1, P1-520	1
150	High thoracic epidural analgesia in cardiac surgery. Part 1--high thoracic epidural analgesia improves cardiac performance in cardiac surgery patients. 2012 , 26, 1039-47	33
149	Alterations in Venous Flow Patterns in a Pediatric Patient: Impact of Mechanical Ventilation. 2012 , 36, 277-279	
148	Outcomes in children with refractory pneumonia supported with extracorporeal membrane oxygenation. 2012 , 38, 1001-7	26
147	The effect of flow limitation on the cardiorespiratory response to arousal from sleep under controlled conditions of chemostimulation in healthy older adults. 2012 , 21, 718-23	5
146	Hemodynamic Effects of Volume-Controlled Ventilation Versus Pressure-Controlled Ventilation in Head Trauma Patients: A Prospective Crossover Pilot Study. 2013 , 4, 223-231	1
145	Cardiopulmonary interactions during mechanical ventilation in critically ill patients. 2013 , 21, 166-72	28
144	A case series of paediatric high flow nasal cannula therapy. 2013 , 26, 189-92	12
143	One hundred useful references in pediatric cardiac intensive care: the 2012 update. 2013 , 14, 770-85	3
142	Inspiratory pressure during noninvasive ventilation in stable COPD: help the lungs, but do not forget the heart. 2013 , 41, 765-6	9
141	Right ventricular systolic dysfunction in young adults born preterm. 2013 , 128, 713-20	162
140	Pulmonary Embolism in the Mechanically-Ventilated Critically Ill Patient: Is it Different?. 2013 , 14, 36-44	3
139	Non-invasive cardiac output measurement in low and very low birth weight infants: a method comparison. 2014 , 2, 16	38

138	Predictors of postoperative atrial fibrillation after on-pump coronary artery bypass grafting: is duration of mechanical ventilation time a risk factor?. 2014 , 20, 135-42		17
137	CASE 6-2014: anesthetic management of thoracoscopic lobectomy in a patient with severe biventricular dysfunction. 2014 , 28, 826-35		
136	Preeclampsia, prematurity and cardiovascular health in adult life. <i>Early Human Development</i> , 2014 , 90, 725-9	2.2	48
135	Release the pressure. 2014 , 11, 675-9		
134	Core Knowledge in Critical Care Medicine. 2014 ,		
133	Interaction between respiratory cardiovascular function. <i>Early Human Development</i> , 2014 , 90 Suppl 2, S3-4	2.2	
132	Hemodynamic management. 2015 , 375-403		
131	Anaesthetic management for balloon dilation of cor triatriatum dexter in a dog. 2015 , 57, 29		7
130	Cardiac Intensive Care. 2015 , 720-750		
129	La ventilazione non invasiva in Medicina Interna. 2015 , 3, 391		1
128	Unraveling the Links Between the Initiation of Ventilation and Brain Injury in Preterm Infants. 2015 , 3, 97		28
127	Pathophysiology of Post-Operative Low Cardiac Output Syndrome. 2016 , 14, 14-23		27
126	Sepsis in children. 2015 , 350, h3017		40
125	Development of an integrated model of cardiovascular and pulmonary physiology for the evaluation of mechanical ventilation strategies. 2015 , 2015, 5319-22		7
124	Sedation and Anesthesia in Pediatric and Congenital Cardiac Catheterization: A Prospective Multicenter Experience. 2015 , 36, 1363-75		19
123	Diagnosis, Evaluation, and Management of Patent Ductus Arteriosus in Preterm Neonates. 2015 , 169, 863-72		174
122	The impact of two different inspiratory to expiratory ratios (1:1 and 1:2) on respiratory mechanics and oxygenation during volume-controlled ventilation in robot-assisted laparoscopic radical prostatectomy: a randomized controlled trial. 2015 , 62, 979-87		17
121	Management Issues in Intensive Care Units for Infants and Children with Heart Disease. 2015 , 82, 1164-71		0

120	Management of Mechanical Ventilation During Extracorporeal Membrane Oxygenation. 2016,	0
119	Management of Mechanical Ventilation in Decompensated Heart Failure. 2016, 3,	10
118	The Valsalva manoeuvre: physiology and clinical examples. 2016, 217, 103-19	75
117	Effect of the Prolonged Inspiratory to Expiratory Ratio on Oxygenation and Respiratory Mechanics During Surgical Procedures. 2016, 95, e3269	8
116	Response. 2016, 149, 602-603	1
115	Cardiopulmonary Function Interactions during Noninvasive Mechanical Ventilation: Key Topics and Clinical Implications. 2016, 7-19	
114	Noninvasive Mechanical Ventilation After Cardiac Surgery. 2016, 501-507	
113	Adaptive Servo-Ventilation for Central Sleep Apnea in Heart Failure. 2016, 374, 690-1	22
112	Pleural Effusion Causing Cardiac Tamponade Following the Transition From Negative- to Positive-Pressure Ventilation During Aortic Aneurysm Repair. 2016, 30, 736-40	2
111	Pulmonary vascular and cardiac impairment in interstitial lung disease. 2017, 26,	24
110	Physiological and Biomechanical Responses to Prolonged Heavy Load Carriage During Level Treadmill Walking in Females. 2017, 33, 248-255	12
109	The Right Ventricle in ARDS. 2017, 152, 181-193	97
108	Respiratory Monitoring. 2017, 317-326	
107	Physiology, Pathophysiology, and Anesthetic Management of Patients with Respiratory Disease. 2017, 511-555	4
106	Recommendations for mechanical ventilation of critically ill children from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC). 2017, 43, 1764-1780	119
105	Markers of Right Ventricular Dysfunction in Adult Cardiac Surgical Patients. 2017, 31, 1570-1574	8
104	The physiological effects of slow breathing in the healthy human. 2017, 13, 298-309	160
103	Right ventricular performance using myocardial deformation imaging in infants with bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2017, 37, 81-87	3.1 9

102	Direct Two-Minute Unassisted Breathing Evaluation (DTUBE) is an Attractive Alternative to Longer Spontaneous Breathing Trials: A Prospective Observational Study. 2017 , 83, 308-313	1
101	Mechanical Ventilation. 2017 , 229-242.e5	1
100	The hemodynamic impact of acute nasal continuous positive airway pressure treatment in hypertrophic cardiomyopathy: is it safe?. 2017 , 9, 1409-1411	
99	Fluid Overload in Acute Asthma Exacerbation and Clinical Outcomes. Is There an Association?. 2018 , 197, 1095-1096	
98	The Fontan Procedure for Single-Ventricle Physiology. 2018 , 38, e1-e10	2
97	Protecting the Right Ventricle in ARDS: The Role of Prone Ventilation. 2018 , 32, 2248-2251	8
96	Non-pharmacological management of a hemodynamically significant patent ductus arteriosus. 2018 , 23, 245-249	10
95	Physiologic Approach to Mechanical Ventilation in Right Ventricular Failure. 2018 , 15, 383-389	10
94	Assisted Ventilation in the ICU: When and to Whom?. 2018 , 103-120	1
93	Practical Trends in Anesthesia and Intensive Care 2017. 2018 ,	
92	[Cardiopulmonary Interactions: From Physiology to Clinic]. 2018 , 89, 582-591	
91	Outpatient Management of Pediatric HF. 2018 , 457-466	
90	Perioperative management during ovariectomy for pyometra with concurrent diabetic ketoacidosis in a dog. 2018 , 23, 453-457	
89	Extending Cardiac Functional Assessment with Respiratory-Resolved 3D Cine MRI. 2019 , 9, 11563	5
88	Hemodynamic management in chronically ventilated infants. 2019 , 24, 101038	0
87	Right ventricular function after cardiac surgery: the diagnostic and prognostic role of echocardiography. 2019 , 24, 625-635	19
86	Effects of ventilation mode and blood flow on arterial oxygenation during pulse-delivered inhaled nitric oxide in anesthetized horses. 2019 , 80, 275-283	1
85	Effect of Static Respiratory Volume on the Waveform of Cardiac-induced Sternal Vibrations. 2019 , 2019, 4917-4921	7

84	Perioperative Management of Children Undergoing Surgery for Congenital Heart Disease. 2019 , 35, 82-90	
83	Spontaneous Breathing Trial for Prediction of Extubation Success in Pediatric Patients Following Congenital Heart Surgery: A Randomized Controlled Trial. 2019 , 20, 940-946	11
82	10. Beatmungsmanagement bei geriatrischen Patienten. 2019 , 202-224	
81	Cardiovascular Physiology for Intensivists. 2019 , 111-133.e5	
80	Respiratory System and Mechanical Ventilation in Patients with CHD. 2019 , 163-175	
79	Pulmonary-Cardiovascular Interaction. 2019 , 289-305	
78	Utilization of Neurally Adjusted Ventilatory Assist (NAVA) Mode in Infants and Children Undergoing Congenital Heart Surgery: A Retrospective Review. 2019 , 40, 563-569	4
77	American Thoracic Society 2018 pediatric core curriculum. 2019 , 54, 82-98	
76	Congenital Heart Disease. 2019 ,	5
75	Positive Pressure Ventilation in Cardiogenic Shock: Review of the Evidence and Practical Advice for Patients With Mechanical Circulatory Support. 2020 , 36, 300-312	10
74	Acute Respiratory Failure in Interstitial Lung Disease Complicated by Pulmonary Hypertension. 2020 , 161, 105825	
73	Diagnosis and Management of Lymphatic Disorders in Congenital Heart Disease. 2020 , 22, 164	10
72	Oculocardiac reflex and oculo-respiratory reflex during strabismus surgery under general anesthesia using the laryngeal mask airway with maintenance of spontaneous respiration: A retrospective study. 2020 , 48, 300060520945158	4
71	Respiratory failure in pulmonary hypertension patients. 2020 , 39, 551-552	
70	Left ventricular diastolic dysfunction as a predictor of weaning failure from mechanical ventilation. 2020 , 46, 2121-2122	3
69	Noninvasive Positive Pressure Ventilation for Acute Decompensated Heart Failure. 2020 , 16, 271-282	
68	Lung injury in brain ischemia/reperfusion is exacerbated by mechanical ventilation with moderate tidal volume in rats. 2020 , 319, R133-R141	1
67	Predictors and Outcomes of Cardiac Events following Thoracic Endovascular Aortic Repair in Descending Thoracic Aortic Aneurysm and Dissection. 2020 , 8, 6-13	0

66	Augmentation of pulmonary blood flow and cardiac output by non-invasive external ventilation late after Fontan palliation. 2021 , 107, 142-149	2
65	Hypopressive exercise in normotensive young women: A case series. 2021 , 25, 94-99	0
64	Severe Asthma. 2021 , 219-249	
63	The Effects of Propofol on Left Ventricular Global Longitudinal Strain. 2021 , 25, 185-190	0
62	The Evolution of Pediatric Cardiac Critical Care. 2021 , 49, 545-557	5
61	Intensive care management of right ventricular failure and pulmonary hypertension crises. 2021 , 56, 636-648	3
60	Right heart failure considerations in pediatric ventricular assist devices. 2021 , 25, e13990	2
59	Airway Pressure Release Ventilation Mode Improves Circulatory and Respiratory Function in Patients After Cardiopulmonary Bypass, a Randomized Trial. 2021 , 12, 684927	0
58	Troponin I as an Independent Biomarker of Outcome in Children with Systemic Inflammatory Response.	
57	Decreasing Continuous Positive Airway Pressure Failure in Preterm Infants. 2021 , 148,	0
56	The influence of assisted ventilation and recumbency on cardiorespiratory physiology in the anesthetized freshwater turtle <i>Trachemys scripta scripta</i> . 2021 , 260, 111036	0
55	Clinical and echocardiography predictors of response to inhaled nitric oxide in hypoxemic term and near-term neonates. 2021 , 56, 982-991	2
54	Effect of Permissive Mild Hypercapnia on Cerebral Vasoreactivity in Infants: A Randomized Controlled Crossover Trial. 2021 , 133, 976-983	2
53	A Novel Negative Pressure-Flow Waveform to Ventilate Lungs for Normothermic Ex Vivo Lung Perfusion. 2021 , 67, 96-103	2
52	Increased peak end-expiratory pressure in ventilated preterm lambs changes cerebral microvascular perfusion: direct synchrotron microangiography assessment. 2020 , 129, 1075-1084	1
51	Ventilator Considerations. 2008 , 1177-1183	
50	Mechanical Ventilation. 2009 , 1-14	
49	Shock in the Cardiac Patient: A Brief Overview. 2009 , 573-585	

48 Respiratory Care. **2010**, 2879-2897

47 Acquired and Congenital Heart Disease in Children. **2011**, 625-638

46 Operative Preparation of the Patient for Heart Surgery: Airway and Ventilation, Vascular Access and Monitoring. **2014**, 573-624

45 Hemodynamic Monitoring. **2014**, 543-567

44 Mechanical Ventilation. **2014**, 127-161

43 Mechanical Ventilation. **2014**, 1-98

42 Cardiac Physiology and Acute Heart Failure Syndromes. **2017**, 1-80

41 Thoracic electrical impedance tomography to minimize right heart strain following cardiac arrest. **2019**, 12, 315-317

40 The Relationship Between Serum Levels of Troponin I and Myocardial Function in Neonates Under Mechanical Ventilation. **2019**, 30,

39 Relation between right ventricular function and the time of extubation after total repair of tetralogy of fallot in the pediatric population. **2020**, 7, 23-31

38 Respiratory failure in pulmonary hypertension patients. **2020**, 39, 551-552

37 De la fisiología al ventilador, interacción corazón pulmón durante la ventilación mecánica. **2020**, 34, 283-292

36 Continuous external negative pressure improves oxygenation and respiratory mechanics in Experimental Lung Injury in Pigs - A pilot proof-of-concept trial. **2020**, 8, 49

35 Mechanical Ventilation of the Preterm Infant. **2020**, 195-209

34 Shock in the Cardiac Patient. **2020**, 545-559

33 Right Ventricular Dysfunction and Fluid Administration in Critically Ill Patients. **2020**, 145-152

32 A case of paroxysmal complete atrioventricular block in a COVID-19 patient. **2021**, 9, e04268

31 Clinical significance of postoperative atrial arrhythmias in patients who underwent lung transplantation. **2020**, 35, 897-905

30	Hemodynamic Monitoring. 2009 , 1-20	
29	The cardiovascular response to arousal from sleep decreases with age in healthy adults. 2008 , 31, 1009-17	38
28	Acute right heart syndrome in the critically ill patient. 2014 , 6, 157-70	7
27	Retrospective study of complete atrioventricular canal defects: Anesthetic and perioperative challenges. 2018 , 21, 15-21	0
26	Effects of pulsed inhaled nitric oxide delivery on the distribution of pulmonary perfusion in spontaneously breathing and mechanically ventilated anesthetized ponies. 2022 , 1-9	
25	Thoracic, Peripheral, and Cerebral Volume, Circulatory and Pressure Responses To PEEP During Simulated Hemorrhage in a Pig Model: a Case Study.. 2021 , 12, 103-116	0
24	Correlation of Positive End-Expiratory and Intracranial Pressure Using the Ultrasonographic-Guided Measurement of Optic Nerve Sheath Diameter in Traumatic Brain Injury Patients.. 2021 , 69, 1670-1674	0
23	Intravenous propofol, ketamine (ketofol) and rocuronium after sevoflurane induction provides long lasting anesthesia in ventilated rats. 2021 ,	1
22	Low cardiac output state in a postoperative cardiac patient. 2020 , 153-166	
21	Complications associated with long-term positive-pressure ventilation in dogs and cats: 67 cases.. 2022 ,	0
20	Case Report: Anesthetic Management and Electrical Cardiometry as Intensive Hemodynamic Monitoring During Cheiloplasty in an Infant With Enzyme-Replaced Pompe Disease and Preserved Preoperative Cardiac Function.. 2021 , 9, 729824	1
19	Pathophysiological Advantages of Spontaneous Ventilation.. 2022 , 9, 822560	
18	Influence of Spontaneous and Mechanical Ventilation on Frequency-Based Measures of Heart Rate Variability.. 2021 , 2021, 8709262	
17	Trends in Time to Extubation for Pediatric Postoperative Cardiac Patients and Its Correlation With Changes in Clinical Outcomes: A Virtual PICU Database Study.. 2022 ,	0
16	Anaesthesia for non-cardiac surgery of a dog with tetralogy of Fallot with pulmonary atresia.	
15	Variable-rate infusion of adrenaline to manage hypotension in an anaesthetised goat.	0
14	Effect of Fluid Bolus Administration on Cardiovascular Collapse Among Critically Ill Patients Undergoing Tracheal Intubation. <i>JAMA - Journal of the American Medical Association</i> ,	27.4 5
13	Non-invasive cardiac output monitoring before and after baby extubation I A feasibility study (NICOMBabe study). <i>Early Human Development</i> , 2022 , 170, 105605	2.2

12	Hemodynamic consequences of respiratory interventions in preterm infants. <i>Journal of Perinatology</i> ,	3.1	○
11	Complications of invasive mechanical ventilation in critically ill Covid-19 patients - A narrative review. <i>Annals of Medicine and Surgery</i> , 2022 , 104201	2	
10	Synchronized and proportional sub-diaphragmatic unloading in an animal model of respiratory distress.		
9	Mechanical ventilation: Disease-specific strategies. 2022 , 288-302.e6		○
8	Mitral Valve Systolic Anterior Motion in Robotic Thoracic Surgery as the Cause of Unexplained Hemodynamic Shock: From a Case Report to Recommendations. 2022 , 11, 6044		○
7	Preoperative Management of Neonates With Congenital Heart Disease. 2022 , 150,		○
6	Non-Invasive 3D Photoacoustic Tomography of Angiographic Anatomy and Hemodynamics of Fatty Livers in Rats. 2205759		○
5	Cardiovascular Physiology in Infants, Children, and Adolescents. 2022 , 1-16		○
4	Guide to manual positive pressure ventilation (bagging) in companion animal practice. 2022 , 44, 564-576		○
3	Cardiovascular effects of exercise induced dynamic hyperinflation in COPD patientsDynamically hyperinflated and non-hyperinflated subgroups. 2023 , 18, e0274585		○
2	Consensus guidelines for the perioperative management of patients undergoing endoscopic retrograde cholangiopancreatography. 2023 ,		○
1	Perioperative Respiratory Monitoring in Congenital Heart Disease Patients. 2023 , 275-285		○