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Time dependence of recruitment and derecruitment in the lung: a theoretical model

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685	World Resources in Critical Care Study: a survey of critical care research and resources in eight countries. <b>2007</b> , 11, P506		5
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669	Time-dependent effects of intravenous H <sub>2</sub> S during long-term, resuscitated porcine hemorrhagic shock. <b>2010</b> , 14, P3	1
668	An ovine intensive care model of septic shock. <b>2010</b> , 14, P4	1
667	Effects of temperature and H <sub>2</sub> S inhalation on glucose metabolism in murine resuscitated septic shock. <b>2010</b> , 14, P5	78
666	Mitochondrial respiration and cytochrome c inhibition by sulfide in peritoneal macrophages in vitro: effects of temperature and pH. <b>2010</b> , 14, P6	2
665	Alterations of caspase 9 mRNA gene expression in survivors and nonsurvivors of severe sepsis. <b>2010</b> , 14, P7	78
664	The TLR4 antagonist CRX-526 reduces LPS-induced leukocyte activation and improves capillary perfusion of the rat intestine. <b>2010</b> , 14, P8	78
663	Effects of lipopolysaccharide on isolated muscle mitochondrial respiration are dose and time dependent. <b>2010</b> , 14, P9	78
662	Clinical severity and local inflammatory responses in animal models of sepsis. <b>2010</b> , 14, P10	78

661	Adenosine increases during human experimental endotoxemia, but does not influence the immune response and subsequent organ injury. <b>2010</b> , 14, P11	78
660	Bacterial load plays a crucial role for survival in experimental peritonitis and modulates immunoparalysis of monocytes. <b>2010</b> , 14, P12	78
659	Decreased whole blood TNF $\alpha$ production capacity after acute alcohol exposure and LPS stimulation ex vivo. <b>2010</b> , 14, P13	3
658	Leukocyte immunophenotyping: methodological aspects. <b>2010</b> , 14, P14	78
657	Phenotypical analysis of peripheral human T lymphocytes in early sepsis. <b>2010</b> , 14, P15	78
656	CD64, a marker of leucocyte activation kinetics after uncomplicated cardiac surgery. <b>2010</b> , 14, P16	78
655	Interferon-gamma reverses sepsis-induced immunoparalysis of monocytes in vitro. <b>2010</b> , 14, P17	78
654	Early hydrocortisone treatment counteracts circulatory derangement but not cytokine response in porcine endotoxemia. <b>2010</b> , 14, P18	78
653	CD40L is selectively expressed on platelets from thrombocytopenic septic patients. <b>2010</b> , 14, P19	1
652	Neuronal NOS-inhibition in the setting of septic cardiomyopathy. <b>2010</b> , 14, P20	78
651	Urinary albumin excretion is elevated in sepsis, but does not correlate with circulating VEGF-A levels. <b>2010</b> , 14, P21	1
650	High mobility group box protein-1 preconditions isolated rat hearts and protects human pulmonary and renal cells against hypoxic injury. <b>2010</b> , 14, P22	78
649	Intravenous immunoglobulins prevent breakdown of the blood-brain barrier in experimental sepsis. <b>2010</b> , 14, P24	1
648	Early use of immunoglobulin in septic shock. <b>2010</b> , 14, P25	1
647	Low levels of immunoglobulin G in patients with sepsis or septic shock: a signum mali ominis?. <b>2010</b> , 14, P26	2
646	Background factors in patients receiving immunoglobulin administration and changes in sepsis markers. <b>2010</b> , 14, P27	78
645	C1-esterase inhibitor (C1INH) implication in systemic inflammation in sepsis. <b>2010</b> , 14, P28	1
644	Prognostic value of B-type natriuretic peptide in critically ill patients with new onset of fever: preliminary study. <b>2010</b> , 14, P29	78



643	Microalbuminuria evaluated as a biomarker in patients with septic shock. <b>2010</b> , 14, P30	78
642	Evaluation of automated hematologic VCS parameters in severe sepsis and septic shock: a case-control study. <b>2010</b> , 14, P31	1
641	Use of CD64 for the diagnosis of sepsis: a case-control study. <b>2010</b> , 14, P32	1
640	Endotoxin assay with endotoxin scattering photometry is one of the diagnostic markers of sepsis. <b>2010</b> , 14, P33	78
639	Immature platelet fraction as predictive index of sepsis. <b>2010</b> , 14, P34	1
638	Serial estimation of cytokine markers and their correlation with mortality in elderly patients with sepsis. <b>2010</b> , 14, P35	78
637	Influence of TIMP-1/MMP-9 ratio on the severity and mortality in sepsis. <b>2010</b> , 14, P36	78
636	Cytokine response in severe sepsis: predicting and modelling the course of illness. <b>2010</b> , 14, P37	78
635	Time course of IL-6 and LBP, candidate biomarkers of sepsis in surgical critical care. <b>2010</b> , 14, P38	78
634	Prognostic value of melatonin in patients with sepsis: a comparison of survivors and nonsurvivors. <b>2010</b> , 14, P39	1
633	Serum C-reactive protein as a prognostic variable in elective surgery ICU patients: especially valuable following esophagectomy. <b>2010</b> , 14, P40	78
632	Role of procalcitonin as a diagnostic and prognostic marker of infectious diseases in the emergency department: preliminary data. <b>2010</b> , 14, P41	78
631	Evaluation of procalcitonin at James Paget Intensive Care Unit. <b>2010</b> , 14, P42	78
630	Procalcitonin facing the postoperative culture results after liver transplantation. <b>2010</b> , 14, P43	78
629	Efficiency diagnostic and advantages of procalcitonin and C-reactive protein in the early diagnosis of sepsis. <b>2010</b> , 14, P45	78
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626	A multicentre study of bacteraemia using a new commercial universal 16S rDNA PCR test. <b>2010</b> , 14, P49	78

625	Time to antibiotics in sepsis. <b>2010</b> , 14, P50	4
624	Utility of an antibiotic guideline in hospital-associated infections. <b>2010</b> , 14, P51	78
623	Assessment of antibiotic prescriptions in two French intensive care units. <b>2010</b> , 14, P52	78
622	Occurrence of alert pathogens in the clinical materials and consumption of antibiotics in the ICU, in the years 2007 and 2008. <b>2010</b> , 14, P53	78
621	Treatment cost of secondary peritonitis in Germany: a comparative study of medical cost incurred for tigecycline therapy and standard regimens. <b>2010</b> , 14, P54	78
620	Efficacy and safety of once daily dosing of colistin to critically ill patients. <b>2010</b> , 14, P56	78
619	A comparison of the effect on renal function of flucloxacillin and vancomycin antibiotic prophylaxis in cardiac surgery patients. <b>2010</b> , 14, P57	78
618	Microdialysis study of meropenem cerebral distribution in patients with acute brain injury. <b>2010</b> , 14, P58	78
617	Effects of two regimens of antibiotic prophylaxis on colonizing flora of the respiratory tract in patients with cardiovascular surgery. <b>2010</b> , 14, P59	78
616	Prevalence of infections among patients admitted to ICUs in Nordic countries and the Netherlands in comparison with Mediterranean countries: a report from the EPIC II study. <b>2010</b> , 14, P60	78
615	Risk factors for the development of carbapenem-resistant <i>Klebsiella pneumoniae</i> infections in critically ill patients. <b>2010</b> , 14, P61	78
614	Outcome of unimicrobial versus polymicrobial sepsis. <b>2010</b> , 14, P62	2
613	De-escalation practice pattern in an Indian intensive care unit. <b>2010</b> , 14, P63	1
612	Incidence, identification of multidrug-resistant pathogens and impact on the outcome after cardiac surgery. <b>2010</b> , 14, P64	2
611	Surveillance of ICU-acquired infections in Belgium: 2008 reference data. <b>2010</b> , 14, P65	78
610	Risk of acquiring drug-resistant (MDR) Gram-negative isolates with previous exposure to antibiotic. <b>2010</b> , 14, P66	78
609	Ozone fumigation successfully controlled and eradicated multidrug-resistant <i>Acinetobacter baumannii</i> from an intensive care unit. <b>2010</b> , 14, P67	0
608	Viral infections in the ICU: should we search for them?. <b>2010</b> , 14, P68	78

607	Osetamivir dosing with haemofiltration. <b>2010</b> , 14, P69	6
606	Efficacy and utility of a protocol for pre-emptive antimycotic therapy. <b>2010</b> , 14, P70	2
605	Amphotericin B used as a continuous infusion is safer. <b>2010</b> , 14, P71	78
604	Anidulafungin compared with fluconazole therapy in critically ill patients. <b>2010</b> , 14, P72	5
603	Increase in systolic blood pressure and improvement in laboratory parameters following polymyxin B-immobilized fiber treatment in septic shock. <b>2010</b> , 14, P73	78
602	Selection of acute blood purification therapy according to lipid mediator adsorption and blood purification in patients with septic shock. <b>2010</b> , 14, P74	78
601	Prognostic assessment in community-acquired pneumonia by pneumonia severity scores and biomarkers. <b>2010</b> , 14, P75	78
600	Current progress in pneumonia research. <b>2010</b> , 14, P76	78
599	Bacterial colonization and infections of the lower respiratory tract in an interdisciplinary ICU. <b>2010</b> , 14, P77	78
598	Rehydration does not affect pulmonary immune responses to influenza or susceptibility to secondary bacterial pneumonia. <b>2010</b> , 14, P78	78
597	Bacteremic nosocomial pneumonia cases from the ATTAIN studies. <b>2010</b> , 14, P79	78
596	Late ventilator-associated pneumonia: analysis of baseline characteristics and clinical outcomes in the ATTAIN studies. <b>2010</b> , 14, P80	1
595	On the diagnosis of acute respiratory distress syndrome in nosocomial pneumonias. <b>2010</b> , 14, P81	78
594	Genetic variability at the surfactant proteins A and D in susceptibility and severity of pneumonia. <b>2010</b> , 14, P82	1
593	Successful strategy to reduce ventilator-associated pneumonia. <b>2010</b> , 14, P83	78
592	Ventilator-associated pneumonia rate and ventilator bundle compliance in a district general hospital. <b>2010</b> , 14, P84	78
591	Oral chlorhexidine to prevent nosocomial pneumonia in critically ill patients: a systematic review and meta-analysis. <b>2010</b> , 14, P85	78
590	Impact of routine multiple site decontamination in intubated patients on ICU-acquired infections. <b>2010</b> , 14, P86	78

589	Time course of RT-PCR positivity in H1N1-induced ARDS. <b>2010</b> , 14, P88	78
588	Novel swine influenza A: most frequent ultrasonographic lung patterns. <b>2010</b> , 14, P89	78
587	Outcome and prognostic factors in patients with HIV-negative pneumocystis pneumonia requiring mechanical ventilation. <b>2010</b> , 14, P90	78
586	Acute respiratory failure from pandemic influenza A (H1N1) in an intensive care unit in southern Brazil. <b>2010</b> , 14, P91	4
585	Extracorporeal membrane oxygenation for influenza A (H1N1): experience in a regional referral center. <b>2010</b> , 14, P92	78
584	Budd-Chiari syndrome complicated by abdominal compartment syndrome: evidence of central hypovolaemia?. <b>2010</b> , 14, P93	78
583	Adenosine signalling has a protective role in intestinal ischemia and reperfusion injury. <b>2010</b> , 14, P94	78
582	Threshold levels of extreme body surface area that may cause a misrepresentation of cardiac performance. <b>2010</b> , 14, P96	78
581	Cardiac output measurement is feasible in the presence of left-to-right shunt with ultrasound dilution method: a validation study in lambs. <b>2010</b> , 14, P97	2
580	The PAPIKAS trial: a comparative clinical trial of pulmonary catheter versus the PiCCO device during therapy of patients with acute heart failure and cardiogenic shock. <b>2010</b> , 14, P98	1
579	Bioreactance versus PICCOTD/PC in critically ill septic shock patients. <b>2010</b> , 14, P99	1
578	NICOM vs LiDCOplus during changes in cardiac output in critically ill patients. <b>2010</b> , 14, P100	78
577	PulseCO consistency: variation in calibration factor over 24 and 48 hours. <b>2010</b> , 14, P102	5
576	Comparison of cardiac output values; pulse contour methods against thermodilution technique. <b>2010</b> , 14, P105	78
575	Continuous cardiac output measurement: effect of time. <b>2010</b> , 14, P106	78
574	A comparison in cardiac output data: a random effects model for repeated measures. <b>2010</b> , 14, P107	78
573	In vivo validation of a new transpulmonary thermodilution method to assess global end-diastolic volume and extravascular lung water. <b>2010</b> , 14, P108	78
572	Cardiac index derived from arterial pressure waveform: uncalibrated analysis vs once-only calibrated analysis. <b>2010</b> , 14, P109	78

571	Cardiac output monitoring during abdominal aortic cross clamping: a comparison between Vigileo/FloTrac system and transoesophageal Doppler. <b>2010</b> , 14, P110	78
570	Stroke volume index assessment using two minimal invasive devices during hemodynamic postoperative optimization. <b>2010</b> , 14, P111	78
569	Non-invasive cardiac output monitoring in children: clinical validation. <b>2010</b> , 14, P112	2
568	Global end-diastolic volume and its correlation to cardiac index inside and outside normal values. <b>2010</b> , 14, P114	78
567	Relationship of stroke volume variation, pulse pressure variation and global end-diastolic volume in patients undergoing brain surgery. <b>2010</b> , 14, P115	78
566	The value of pulse pressure variation to predict volume response in patients ventilated with low VT. <b>2010</b> , 14, P116	1
565	Pre-ejection period is a reliable parameter to estimate cardiac preload in a hemorrhagic shock. <b>2010</b> , 14, P117	78
564	Predictive value of pulse pressure variation for fluid responsiveness after maneuver to change tidal volume in patients with protective ventilatory strategy. <b>2010</b> , 14, P118	1
563	Does stroke volume increase after a fluid challenge? A study on the management of patients undergoing major head and neck free flap surgery: preliminary data. <b>2010</b> , 14, P119	1
562	Optimizing stroke volume and oxygen delivery in elective abdominal aortic surgery. <b>2010</b> , 14, P120	78
561	Oxygen saturation determined from the mouth is an early indicator of central hypovolemia in humans. <b>2010</b> , 14, P121	78
560	Plethysmographic indices as predictors of fluid responsiveness: a meta-analysis. <b>2010</b> , 14, P122	1
559	Maintenance of cardiac index within normal range is associated with mortality reduction in patients undergoing major urological surgery. <b>2010</b> , 14, P123	2
558	Effect of a preload challenge on peripheral perfusion in critically ill patients. <b>2010</b> , 14, P124	78
557	Distensibility index of inferior vena cava diameter in ventilated septic and trauma patients with shock. <b>2010</b> , 14, P125	1
556	Aortic dP/dtmax accurately reflects left ventricular contractility when effective preload independence is achieved. <b>2010</b> , 14, P126	78
555	Cardiac cycle efficiency: a new index for cardiac work estimation tested during aortic valve plasty. <b>2010</b> , 14, P127	1
554	Nonocclusive mesenteric ischemia following cardiothoracic surgery. <b>2010</b> , 14, P128	78

553	Etiology, comorbidity and prognosis of hospitalized patients with congestive heart failure. <b>2010</b> , 14, P129	1
552	Factors associated with intensive care morbidity following surgical repair of tetralogy of fallot. <b>2010</b> , 14, P130	78
551	Sildenafil attenuates pulmonary vascular remodeling and upregulates Kv1.5 mRNA expression in pulmonary hypertension secondary to left-to-right shunt in rats. <b>2010</b> , 14, P131	78
550	Validation of echocardiographic indices of right ventricular afterload: an experimental, open pericardium pig model. <b>2010</b> , 14, P132	78
549	Activation of apoptotic pathways in experimental acute afterload-induced right ventricular failure. <b>2010</b> , 14, P133	78
548	High incidence of severely prolonged QT interval after cardiac surgery. <b>2010</b> , 14, P134	2
547	Endothelial protein C receptor expression after cardiopulmonary bypass in adult cardiac surgical patients. <b>2010</b> , 14, P135	78
546	Urapidyl for hypertension control in severe pre-eclampsia: a comparative study with nicardipine. <b>2010</b> , 14, P136	2
545	Comparison of the effects of furosemide, captopril and lorazepam on noncomplicated hypertensive patients in the emergency department. <b>2010</b> , 14, P137	78
544	Incidence, risk factors and outcome of hypertensive crises in critically ill patients: a retrospective survey. <b>2010</b> , 14, P138	78
543	Comparative study to evaluate blood pressure levels measured by an invasive method versus a non-invasive method in patients in an intensive care unit. <b>2010</b> , 14, P139	78
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541	Applanation tonometry application in ICU patients with acute cardiogenic edema. <b>2010</b> , 14, P141	78
540	A better prognosis for septic patients with left ventricular dysfunction?. <b>2010</b> , 14, P142	78
539	Microvascular effects of pulsatile versus nonpulsatile perfusion during cardiopulmonary bypass. <b>2010</b> , 14, P143	78
538	Microcirculation and intravascular coagulopathy in patients with severe sepsis and septic shock. <b>2010</b> , 14, P144	78
537	Prevalence and prognostic significance of cardiac abnormalities in the ICU: an echocardiographic study. <b>2010</b> , 14, P145	78
536	BNP and NT-proBNP in patients with acute myocardial infarction complicated by cardiogenic shock: results from the IABP Shock trial. <b>2010</b> , 14, P146	6

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532	Value of peripheral tissue oxygen tension in animal experimental models of haemorrhagic and septic shock. <b>2010</b> , 14, P150	78
531	Incidence of a low tissue oxygen saturation in a mixed population of critically ill patients. <b>2010</b> , 14, P151	2
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528	ScvO <sub>2</sub> and Pcv-aCO <sub>2</sub> as complementary tools for goal-directed therapy during high-risk surgery. <b>2010</b> , 14, P154	3
527	Prognostic value of central venous-arterial pCO <sub>2</sub> difference in severe sepsis and septic shock patients. <b>2010</b> , 14, P155	78
526	Veno-arterial carbon dioxide gradient at the early stage of septic shock. <b>2010</b> , 14, P156	2
525	Venous-arterial PCO <sub>2</sub> difference as an early predictor of organ dysfunction in the ICU. <b>2010</b> , 14, P157	78
524	Lactate and ScvO <sub>2</sub> combinations do not predict mortality in ICU patients. <b>2010</b> , 14, P158	78
523	Early changes in lactate and central venous saturation combinations do not predict subsequent changes in organ performance. <b>2010</b> , 14, P159	78
522	Regional lactate and oxygen saturation gradients: preliminary experimental data. <b>2010</b> , 14, P160	78
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520	Artifactual lactic acidosis from point of care analysis: mind the gap. <b>2010</b> , 14, P163	78
519	Physicochemical acid-base parameters and mortality in 1,070 ICU patients: a retrospective cohort study. <b>2010</b> , 14, P165	78
518	Accuracy of predicting arterial blood gases following mechanical ventilator adjustment. <b>2010</b> , 14, P166	78

517	Use of capnography and the availability of airway equipment on UK intensive care units. <b>2010, 14, P167</b>	78
516	Combined oximetry and transcutaneous capnography is a reliable non-invasive monitoring in patients after cardiac surgery. <b>2010, 14, P168</b>	1
515	Computerized lung sound monitoring to assess effectiveness of physiotherapy and secretion removal: a feasibility study. <b>2010, 14, P169</b>	3
514	Analysis of sound waves recorded with the VRI pulmonary acoustic monitoring system in critically ill mechanically ventilated patients. <b>2010, 14, P170</b>	78
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512	Combined monitoring of functional residual capacity and compliance may avoid hyperinflation and cardiac depression in ARDS. <b>2010, 14, P172</b>	78
511	Electrical impedance tomography at two thoracic levels provides detailed information about ventilation distribution in the cranial to caudal direction. <b>2010, 14, P173</b>	78
510	Changes in regional ventilation determined by volume and pressure-controlled ventilation as assessed by electrical impedance tomography in an experimental model of acid-induced acute lung injury. <b>2010, 14,</b>	78
509	Changes in lung tidal distribution assessed by electrical impedance tomography in a model of hemorrhagic shock with endotoxemia and resuscitation. <b>2010, 14,</b>	78
508	Estimating the intratidal compliance profile with the new gliding-SLICE method. <b>2010, 14, P176</b>	1
507	Atelectasis and overdistension are detected by heartbeat-induced disturbances in the pressure-volume loop. <b>2010, 14, P177</b>	78
506	Transpulmonary pressure and ventilation distribution measured with EIT during a PEEP trial in porcine acute lung injury. <b>2010, 14, P178</b>	1
505	A prospective pilot study of the effect of neutrophil elastase on the pulmonary vascular permeability in patients with pneumonia. <b>2010, 14, P179</b>	78
504	Evaluating the fibroproliferative response to ventilator-induced lung injury. <b>2010, 14, P180</b>	78
503	Effects of severe hemorrhage on pulmonary mechanics in ventilated pigs with ARDS. <b>2010, 14, P181</b>	78
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501	Effect of different recruitment maneuvers on bacterial translocation. <b>2010, 14, P183</b>	78
500	Nonlinear recruitment model with viscoelastic component fit respiratory mechanics in ARDS. <b>2010, 14, P184</b>	2



499	Lung recruitment and PEEP response in ARDS-related H1N1 virus patients. <b>2010</b> , 14, P185	78
498	Maximal recruitment strategy minimizes tidal recruitment in severe ARDS: a CT scan study. <b>2010</b> , 14, P186	78
497	Mechanical ventilation with different alveolar pressures improves alveolar recruitment: a model study. <b>2010</b> , 14, P187	78
496	Decreasing tidal volume from 6 to 4 ml/kg: feasibility and effects on repeated opening and closing. <b>2010</b> , 14, P188	78
495	Barriers to providing lung-protective ventilation to patients with ALI/ARDS. <b>2010</b> , 14, P189	1
494	Influence of aetiology of acute respiratory distress syndrome and early differences in oxygenation on outcome. <b>2010</b> , 14, P190	78
493	Acute lung injury in TBI patients with SIRS: role of vascular endothelial damage. <b>2010</b> , 14, P191	1
492	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC class I antibodies. <b>2010</b> , 14, P192	78
491	Adaptive support ventilation may be inappropriate for patients with ALI/ARDS after recruitment: an observational study. <b>2010</b> , 14, P193	78
490	Receptor for advanced glycation end products is associated with systemic and organ-specific severity of acute lung injury and acute respiratory distress syndrome. <b>2010</b> , 14, P194	1
489	Mild hypothermia was protective in a physiological model of ventilator-induced lung injury by reducing inflammation but not by reducing the respiratory rate. <b>2010</b> , 14, P195	78
488	Effect of induced hypothermia on respiratory parameters in mechanically ventilated patients. <b>2010</b> , 14, P196	78
487	Extracorporeal life support service in a regional referral center: the Florence experience. <b>2010</b> , 14, P197	78
486	Interhospital ground transportation of severe acute respiratory distress syndrome patients on extracorporeal membrane oxygenation: MonzaK experience. <b>2010</b> , 14, P198	78
485	Effects of hypertonic saline on a pig model of acute lung injury induced by hydrochloric acid instillation. <b>2010</b> , 14,	78
484	Conventional mechanical ventilation can injury intact lungs in severe trauma patients. <b>2010</b> , 14, P200	1
483	Protective effect of methylprednisolone on ventilator-induced diaphragm dysfunction is dose dependent. <b>2010</b> , 14, P201	78
482	Alveolar recruitment with non-invasive mechanical ventilation (C-PAP) in patients with nonobstructive respiratory failure. <b>2010</b> , 14, P202	78

481	N-acetylcysteine attenuates ventilator-induced diaphragm dysfunction in rats. <b>2010</b> , 14, P203	78
480	In vitro muscle contraction force measurements on isolated and entire rat diaphragms. <b>2010</b> , 14, P204	1
479	Useful of implementation of neurally adjusted ventilatory assist in critically ill patients. <b>2010</b> , 14, P205	1
478	Twenty-four-hour neurally adjusted ventilatory assist and volume cycled ventilation have similar effects on respiratory neuromuscular function in a porcine model of fecal peritonitis. <b>2010</b> , 14, P206	78
477	Effects of conventional and closed-loop neurally adjusted ventilatory assist in intubated spinal cord injured patients. <b>2010</b> , 14, P207	78
476	A level of neurally adjusted ventilatory assist corresponds to low levels of continuous positive airway pressure and pressure support ventilation in patients preparing to be extubated from mechanical ventilation. <b>2010</b> , 14, P208	78
475	Towards partially automated ventilation: adapting decision-making according to medical preferences. <b>2010</b> , 14, P209	78
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473	Increased duration of mechanical ventilation is associated with decreased diaphragmatic force. <b>2010</b> , 14, P211	1
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466	Airtraq: new device in patients at increased risk for difficult tracheal intubation. <b>2010</b> , 14, P218	78
465	Evaluation of a new tracheostomy technique for morbidly obese patients on an intensive care unit. <b>2010</b> , 14, P219	2
464	Our percutaneous tracheostomy experiences using the rotation-dilatation screw method. <b>2010</b> , 14, P220	78

463	Single-step vs balloon dilatation tracheostomy: a pilot study on 20 tracheostomies. <b>2010</b> , 14, P221	78
462	Recruitment maneuver for prevention of alveolar derecruitment during percutaneous dilation tracheostomy. <b>2010</b> , 14, P222	78
461	An audit of timing of tracheostomy formation in neurosurgical patients: how long should we wait?. <b>2010</b> , 14, P223	78
460	Percutaneous dilational tracheotomy in adult burn patients. <b>2010</b> , 14, P224	2
459	Safety of percutaneous tracheostomy in trauma patients. <b>2010</b> , 14, P225	3
458	Safety of balloon dilatational tracheostomy with the Ciaglia Blue Dolphin device. <b>2010</b> , 14, P226	78
457	Influence of the cuff pressure on the swallowing reflex in tracheostomized ICU patients. <b>2010</b> , 14, P227	78
456	Microaspirations during mechanical ventilation: polyurethane versus polyvinyl cuffed endotracheal tubes. <b>2010</b> , 14, P228	78
455	Do endotracheal tubes prevent microaspiration?. <b>2010</b> , 14, P229	4
454	A cuff -leak pressure test is a simple method for assessing severe laryngeal edema in postoperative patients. <b>2010</b> , 14, P230	78
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451	Rapid shallow breathing index predicts readiness to wean?. <b>2010</b> , 14, P233	78
450	Increasing pressure support during vibrocompression is useful during respiratory therapy?. <b>2010</b> , 14, P234	78
449	Predicting success in weaning from mechanical ventilation in patients with and without cardiac disease. <b>2010</b> , 14, P235	78
448	Implementation of a standardised weaning protocol in patients with prolonged mechanical ventilation in a post-acute care ICU. <b>2010</b> , 14, P236	0
447	Comparison of pressure control and pressure support modes for non-invasive mechanical ventilation in acute hypercapnic respiratory failure. <b>2010</b> , 14, P237	1
446	Non-invasive CPAP with face mask: comparison between different devices. <b>2010</b> , 14, P238	1

445	Effects of non-invasive mechanical ventilation on hemodynamic and gas exchanges parameters after cardiac surgery in patients with $300 >PaO_2/FiO_2 >150$ . <b>2010</b> , 14, P239	78
444	Non-invasive positive pressure ventilation in burns. <b>2010</b> , 14, P240	78
443	Non-invasive mechanical ventilation in the weaning process: continuous hemodynamic monitoring. <b>2010</b> , 14, P241	78
442	Influence of severe obesity on non-invasive ventilation strategies and responses in patients with acute hypercapnic respiratory failure in ICU. <b>2010</b> , 14, P242	1
441	A simple predictive scoring system for prolonged mechanical ventilation in severe sepsis and septic shock. <b>2010</b> , 14, P243	78
440	Simplified approach to ICU severity scoring with MPM and EUROSCORE. <b>2010</b> , 14, P244	78
439	Validation of a computerised system to calculate the sequential organ failure assessment score. <b>2010</b> , 14, P245	3
438	Sequential Organ Failure Assessment scores and mortality. <b>2010</b> , 14, P246	78
437	Bacteremia, APACHE II and need for renal replacement therapy are independent predictors of mortality in critically ill transplanted patients with cirrhosis. <b>2010</b> , 14, P247	78
436	External validation of six mortality prediction systems for intensive care unit patients. <b>2010</b> , 14, P248	78
435	Prognostic accuracy of severity score for prolonged ICU length of stay >72 hours in general surgical ICU: a prospective study. <b>2010</b> , 14, P249	78
434	Perioperative scores to predict mortality in surgical oncologic patients: a review of 1,362 cases. <b>2010</b> , 14,	78
433	Scoring patients with a suspected infection in the emergency department (ED): comparison of the ED-specific MEDS score with APACHE II and SOFA score. <b>2010</b> , 14, P251	1
432	Validation of the new proposed Emergency Trauma Score (EMTRAS). <b>2010</b> , 14, P252	2
431	A new severity score for community-acquired pneumonia: PARB score. <b>2010</b> , 14, P253	2
430	Modified Early Warning Score and identification of patients with severe sepsis. <b>2010</b> , 14, P254	78
429	Impact of a systematic MEWS introduction on preoperative and postoperative evaluation in urgent/emergency surgery. <b>2010</b> , 14, P255	2
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427	Modified Early Warning Scores: inaccurate summation or inaccurate assignment of score?. <b>2010</b> , 14, P257	8
426	Analysis of Modified Early Warning System scores and intraoperative factors on the incidence of sepsis and septic shock after elective major surgery. <b>2010</b> , 14, P258	2
425	Temporal variability of medical emergency team calls. <b>2010</b> , 14, P259	78
424	Medical emergency team use and outcomes in an Australian private hospital. <b>2010</b> , 14, P260	1
423	Continuously improving patient safety by a rapid response system. <b>2010</b> , 14, P261	78
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421	Score to door time: a benchmarking tool for rapid response systems. <b>2010</b> , 14, P263	1
420	A comparison of injected lidocaine 2% and no analgesia for peripheral intravenous cannula insertion in the emergency department. <b>2010</b> , 14, P264	78
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418	Correlation of lung comet score with decreased gas exchange in patients with acute pulmonary edema: a pilot study. <b>2010</b> , 14, P267	78
417	Magnitude of first medical contact in the long-term prognosis of patients treated with STEMI. <b>2010</b> , 14, P268	78
416	Ultrasound-guided hematoma block and fracture reduction: a new way to go forward. <b>2010</b> , 14, P269	2
415	Pulmonary edema in the prehospital setting: the importance of early treatment. <b>2010</b> , 14, P270	78
414	Efficacy of bedside ultrasonography in early diagnosis of patients admitted to the emergency department with dyspnea. <b>2010</b> , 14, P271	78
413	Auscultation in flight: comparison of amplified and traditional stethoscopes. <b>2010</b> , 14, P272	1
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411	Aeromedical evacuation of the French Army: survey of the past 10 years. <b>2010</b> , 14, P274	1
410	Comparison of two disaster drills management performed by trained and not-trained students: key times evaluation. <b>2010</b> , 14, P275	78

409	Acute severe asthma: performance of ventilator at simulated altitude. <b>2010</b> , 14, P276	78
408	Validation of a new French-language triage algorithm: the ELISA scale. <b>2010</b> , 14, P277	1
407	Examining the suitability of medical admissions to the emergency short stay ward of a large UK hospital. <b>2010</b> , 14, P278	3
406	A study on reliability of a new triage emergency method among nursing students. <b>2010</b> , 14, P279	78
405	Aggression and violence against staff of ambulance services. <b>2010</b> , 14, P280	78
404	Analysis of the disease spectrum of treated patients after Wenchuan earthquake. <b>2010</b> , 14, P281	78
403	Large-scale implementation of a critical care surge capacity management program. <b>2010</b> , 14, P282	78
402	Standard X-rays for the victims of severe trauma: time for a change. <b>2010</b> , 14, P283	78
401	Focused assessment with sonography for trauma in the prehospital setting. <b>2010</b> , 14, P284	0
400	Clinicopathogenetic aspects of systemic inflammatory response development in polytrauma. <b>2010</b> , 14, P285	78
399	Diagnostic and prognostic significance of serum apoptosis markers in the patients with severe trauma injury. <b>2010</b> , 14, P286	78
398	Predictors of mechanical ventilation after burn injury. <b>2010</b> , 14, P287	78
397	Impact of regional imaging guidelines for head injury and unconscious polytrauma patients. <b>2010</b> , 14, P288	78
396	Blunt vascular injuries of the carotid and vertebral arteries: should we screen the asymptomatic trauma patients at high risk? Preliminary results of a prospective cohort study. <b>2010</b> , 14, P289	78
395	Effect of 8.4% sodium bicarbonate on raised intracranial pressure after traumatic brain injury. <b>2010</b> , 14, P290	78
394	Hypernatremia in pediatric patients with severe traumatic brain injury. <b>2010</b> , 14, P291	78
393	Use of transcranial Doppler in patients with severe traumatic brain injury. <b>2010</b> , 14, P292	2
392	Effect of hyperbaric oxygen on cerebral oxygen saturation in patients with sub-acute traumatic brain injury. <b>2010</b> , 14, P294	78

391	Brain biomarkers and brain tissue oxygenation: changes and correlations following severe head injury. <b>2010</b> , 14, P295	78
390	Cortex and deep grey matter have different sensitivities to hypoxia-hypotension and traumatic brain injury: a combined PtIO <sub>2</sub> and microdialysis study in rats. <b>2010</b> , 14, P296	78
389	Diagnosis of carotid and vertebral artery injury in major trauma with head injury. <b>2010</b> , 14, P297	78
388	Decompressive craniectomy in severe intracranial hypertension after brain injury: early or late?. <b>2010</b> , 14, P298	78
387	Optic nerve ultrasound for detecting intracranial hypertension. <b>2010</b> , 14, P300	1
386	Measurement of neuronal specific enolase as a predictor of outcome in patients suffering from severe traumatic brain injury. <b>2010</b> , 14, P301	78
385	Hyperphosphorylated neurofilament NF-H, S100 $\beta$ and NSE as indicators of severity of brain injury in children. <b>2010</b> , 14, P302	78
384	A simple hospital discharge score predicts Glasgow Outcome Scale at 12 months in patients with traumatic brain injury. <b>2010</b> , 14, P303	78
383	Outcome of aggressive treatment for blunt and penetrating traumatic cardiac arrest. <b>2010</b> , 14, P304	78
382	Using flow-rate limiting bag-valve-mask device without training. <b>2010</b> , 14, P305	78
381	Out-of-hospital cardiac arrest and resource utilisation in the ICU. <b>2010</b> , 14, P306	78
380	Comparison of external cardiac compression on the floor and in a dental chair. <b>2010</b> , 14, P307	78
379	Time factors rather than type and/or nature of CPR modify the prognosis of out-of-hospital cardiac arrests witnessed by bystanders. <b>2010</b> , 14, P309	78
378	Use of the laryngeal tube by paramedics during prehospital resuscitation: an observational study. <b>2010</b> , 14, P310	78
377	The i-gel supraglottic airway as an alternative in the preclinical emergency medical aid? A comparative study on a manikin. <b>2010</b> , 14, P311	78
376	Retention of skills during emergency airway management training: a 12-month follow-up. <b>2010</b> , 14, P312	2
375	Factors correlated with the advanced life support simulation performance of senior medical students. <b>2010</b> , 14, P313	78
374	Aging augments unwillingness to the initial three links in chains of survival. <b>2010</b> , 14, P314	78

373	Prediction of the success of cardiac resuscitation: a pattern classification approach based on ECG spectral and temporal features. <b>2010</b> , 14, P315	78
372	Dispatcher-assisted telephone cardiopulmonary resuscitation using a French compression-only protocol: performance of volunteers with or without prior life support training. <b>2010</b> , 14, P316	78
371	CPR team members' attitudes towards family presence during cardiopulmonary resuscitation. <b>2010</b> , 14, P317	78
370	Prehospital therapeutic hypothermia induced with cold infusions improves haemodynamic stability in nonshockable cardiac arrest patients. <b>2010</b> , 14, P318	1
369	Trans-nasal cooling during CPR: a single-center experience. <b>2010</b> , 14, P319	1
368	Intra-arrest cooling using a novel intra-nasal cooling method for immediate induction of therapeutic hypothermia in Germany. <b>2010</b> , 14, P320	78
367	Therapeutic hypothermia after cardiac arrest: implementation in UK intensive care units. <b>2010</b> , 14, P321	78
366	Hospital-wide therapeutic hypothermia protocol significantly reduces the time to induce hypothermia but does not improve outcomes. <b>2010</b> , 14, P322	78
365	Induced hypothermia after cardiac arrest for 12 hours: single-centre experience. <b>2010</b> , 14, P323	78
364	Survival following adult cardiac arrest in intensive care units: a 5-year retrospective analysis. <b>2010</b> , 14, P324	78
363	Effects of bed height and time on the quality of chest compressions during cardiopulmonary resuscitation. <b>2010</b> , 14, P325	78
362	New results about early therapeutic hypothermia in sudden cardiac death and following return of spontaneous circulation. <b>2010</b> , 14, P326	78
361	Infection rates among cooled patients post cardiac arrest. <b>2010</b> , 14, P327	78
360	Strategies to implement a therapeutic hypothermia program. <b>2010</b> , 14, P328	78
359	A comparison of core and tympanic temperature measurement in the critically ill. <b>2010</b> , 14, P329	1
358	Can we predict neurological prognoses with computed tomography just after resuscitation?. <b>2010</b> , 14, P330	78
357	Unintended consequences of technology improvement. <b>2010</b> , 14, P331	78
356	Bispectral Index Scale alterations in brain death patients. <b>2010</b> , 14, P332	78



355	Prognosis in patients presenting with nontraumatic coma. <b>2010</b> , 14, P333	2
354	Dynamic changes in cerebral oxygenation by two methods during cardiac surgery and postoperative cognitive decline. <b>2010</b> , 14, P334	1
353	Acetazolamide-induced cerebrovascular reactivity is impaired in sepsis-associated encephalopathy. <b>2010</b> , 14, P335	1
352	Epidemiological analysis of patients with cerebral aneurysms submitted to embolization at S� Jos�do Ava Hospital. <b>2010</b> , 14, P336	78
351	Frequency/prevalence analysis of risk factors on aneurysmal subarachnoid hemorrhage. <b>2010</b> , 14, P337	1
350	Monitoring regional brain oxygen saturation in patients with clipped aneurysms of the anterior circle of Willis. <b>2010</b> , 14, P338	78
349	Early prognosis value of the first 24 hours mean plasma S100�protein level after subarachnoid aneurysmal hemorrhage. <b>2010</b> , 14, P339	78
348	Altered aortic stiffness associated with stress cardiomyopathy in patients with aneurysmal subarachnoid haemorrhage. <b>2010</b> , 14, P340	78
347	Effect of packed red blood cell transfusion on cerebral oxygenation and metabolism after subarachnoid hemorrhage. <b>2010</b> , 14, P341	1
346	Comparison of surgical or endovascular treated aneurysmal SAH patients with a special emphasis on cerebral vasospasm. <b>2010</b> , 14, P342	78
345	Prediction of cerebral vasospasm in patients with aneurysmal subarachnoid hemorrhage using jugular bulb oximetry monitoring: preliminary results. <b>2010</b> , 14, P343	0
344	Magnesium use on prophylaxis of vasospasm morbidity and mortality rate in subarachnoid hemorrhage. <b>2010</b> , 14, P344	78
343	Effects of simvastatin in prevention of vasospasm in nontraumatic subarachnoid hemorrhage: preliminary data. <b>2010</b> , 14, P345	78
342	Addition of new criteria to Sequential Organ Failure Assessment for patients with subarachnoid hemorrhage. <b>2010</b> , 14, P346	78
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175	Continuous renal replacement therapy: are we getting the dose right?. <b>2010</b> , 14, P513	78
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171	Recurrent early filter clotting in regional citrate anticoagulated continuous venovenous hemodialysis due to undetected antibodies to heparin-platelet factor 4 complexes. <b>2010</b> , 14, P517	1
170	Pilot study on a regional citrate anticoagulated continuous venovenous hemodiafiltration protocol with variable treatment dose. <b>2010</b> , 14, P518	1
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157	Neutrophil gelatinase-associated lipocalin predicts acute kidney injury in critically ill patients. <b>2010</b> , 14, P531	78
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139	Preliminary results on the validation of a novel method for measuring intra-abdominal pressure and gastric residual volume. <b>2010</b> , 14, P549	78
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132	Impact of early enteral nutrition up to goal on the prognosis of patients with different severity of illness in the ICU. <b>2010</b> , 14, P556	78
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130	Role of fiber diet formula in surgical critically ill septic patients. <b>2010</b> , 14, P558	78
129	Effect of oral supplementation with immunonutrients on radiation-induced hematologic toxicity in cancer patients. <b>2010</b> , 14, P559	1
128	Impact of multichamber bag parenteral nutrition (OliClinomel) upon inflammatory markers (EPICOS Study). <b>2010</b> , 14, P560	78
127	Effect of n-3 fatty acids on cerebral markers and the inflammatory response in sepsis. <b>2010</b> , 14, P561	78
126	Effects of an olive oil-based lipid emulsion (ClinOleic) versus LCT/MCT-based lipid emulsions upon the inflammatory markers of critically ill patients (EPICOS Study). <b>2010</b> , 14, P562	78
125	Does a fish-oil-containing lipid emulsion improve liver function in comparison with a soybean oil lipid emulsion?. <b>2010</b> , 14, P565	78
124	Therapy of compartmentalization of the proinflammatory and anti-inflammatory cytokines in sepsis. <b>2010</b> , 14, P566	1
123	Intensive insulin therapy and brief hypoglycemia do not increase neurological injury markers in critically ill children. <b>2010</b> , 14, P567	78
122	A cluster-controlled implementation project of intensive insulin therapy: effects on blood glucose control and incidence of severe hypoglycemia. <b>2010</b> , 14, P568	78

121	Incidence of hypoglycemia in NICE sugar not so nice after consideration of the treatment period. <b>2010, 14, P569</b>	78
120	Comparison of a planned versus emergent approach implementation of tight glyceimic control therapy on an ICU: an experimental design. <b>2010, 14, P570</b>	78
119	Coagulation profile in hyperglycemic septic shock patients. <b>2010, 14, P571</b>	78
118	Impact of glyceimic control on survival in critical care patients with sepsis. <b>2010, 14, P572</b>	1
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111	Performance of an automated blood glucose monitor in the OR/ICU. <b>2010, 14, P579</b>	78
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