

## CURRICULUM VITAE

Ismail Cinel, M.D., PhD.

Professor of Anesthesiology and Reanimation

### CURRENT ADDRESSES

- Mail, Work:
1. Professor of Anesthesiology  
Department of Anesthesiology and Reanimation  
Marmara University School of Medicine  
Altunizade/Istanbul, Turkey
  2. Adjunct Associate Professor  
Division of Critical Care Medicine  
Robert Wood Johnson Medical School  
University of Medicine and Dentistry of New Jersey  
Cooper University Hospital, One Cooper Plaza, Dorrance 410  
Camden, USA

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Marmara University School of Medicine  
Department of Anesthesiology and Reanimation  
Altunizade, Istanbul, Turkey

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[cinelismail@yahoo.com](mailto:cinelismail@yahoo.com)

## EDUCATION and CERTIFICATION

Education: Undergraduate, Department of Basic Sciences, University of Gazi, Ankara	1986-88
M.D., Faculty of Medicine, University of Gazi, Ankara	1988-91
Internship, Faculty of Medicine, University of Gazi, Ankara, Turkey	1991-92
Residency, Department of Anesthesiology and Intensive Care, Ankara Numune Training Hospital, Ankara, Turkey	1994-98
Pharmacology PhD. (The role of chronic selenium treatment on the cardiovascular changes in diabetic rats) Ankara University, Turkey	1992-99
Assistant Professor, Department of Anesthesiology and Reanimation University of Mersin, Turkey	1998-2003
Associate Professor, Department of Anesthesiology and Reanimation University of Mersin, Turkey	2003-2007
Visiting Professor Department of Critical Care Medicine University of Medicine and Dentistry of New Jersey Cooper University Hospital, Camden, US	September 2005-September 2008
Adjunct Associate Professor Department of Critical Care Medicine University of Medicine and Dentistry of New Jersey Cooper University Hospital, Camden, US	September 2008-...
Professor Department of Anesthesiology and Reanimation Marmara University School of Medicine Altunizade, Istanbul, Turkey	December 2009
Certification: General Medical License (Turkey)	1992
Turkish Board of Anesthesiology	1998
Pharmacology PhD	1999
Degree of Associate Professor	2003
Degree of Professor	2009
Licensure: Turkish Anesthesiology Board	1998
Pharmacology PhD	1999

Foreign Language: English

## WORK EXPERIENCE

### Public Hospital:

Bayındır Medical Center Ankara,  
Physician (MD)  
Cardiovascular Surgery, Postoperative Critical Care Unit 1993 Jan- Feb 1994

### University of Mersin, Turkey:

Co-director, ICU  
Department of Anesthesiology and Reanimation Oct 1998-2005

Primary Attending in Anesthesiology: Oct 1998-2005  
In divisions of: Pediatric Surgery  
Plastic Surgery  
General Surgery  
Neurosurgery  
Urology  
Otorhinology  
Gynecology and Obstetrics

Lecturer  
Department of Anesthesiology and Reanimation 2002- 2005

### University of UMDNJ, Cooper University Hospital, NJ:

Visiting Professor  
Department of Critical Care Medicine 2005 Sept.- 2008 Sept

Adjunct Professor  
Department of Critical Care Medicine 2008 Sept.-...

### Acıbadem Health Group;

Associate Professor of Anesthesiology  
Acıbadem Kayseri Hospital March 2009 - December 2009

### University of Marmara, Istanbul, Turkey:

Director, ICU  
Department of Anesthesiology and Reanimation Dec 2009-...

Primary Attending in Anesthesiology: Dec 2009-...  
In divisions of: Neurosurgery  
Plastic Surgery  
Otorhinology  
General Surgery

ELECTED PROFESSIONAL SOCIETIES

International:

- European Society of Parenteral and Enteral Nutrition 2002-

National:

- Society of Anesthesiology & Reanimation, Istanbul, Turkey 1995-
- Society of Pharmacology, Turkey 1996-
- Society of Intensive Care, Turkey 2000-
- Society of Clinical Enteral & Parenteral Nutrition, Turkey 2001-
- Society of Turkish Cardio-vascular-thoracic Anaesthesia and Intensive Care 2005-

## UNIVERSITY and PUBLIC SERVICES

Military Service:	
Chief Physician, Van, Turkey	September 2000
Education Committee:	
Department of Anesthesiology, University of Mersin, Turkey	2000-
Ethical Committee:	
Mersin University School of Medicine, Turkey	1998-2002
Experimental Lab Committee:	
Mersin University School of Medicine, Turkey	1999-2002

## Reviewer:

American Journal of Respiratory and Critical Care Medicine (Impact factor [IF]:  
9.074)  
Critical Care Medicine (IF: 6.283)  
Critical Care (IF: 3.834)  
Journal of Turkish Intensive Care Society  
Journal of the Turkish Anaesthesiology and Intensive Care Society  
Journal of the Turkish Cardio-vascular-thoracic Anaesthesia and Intensive Care  
Society

## Editor Position:

Associate Editor: Journal of the Turkish Intensive Care Society

Section Editor: Surviving Sepsis Campaign Update

Guest Editor: Mechanical Ventilation section of Yearbook of Critical Care Medicine

## CONGRESS ORAL ABSTRACT PRESENTATION AWARDS

1. XXXI. Turkish Anesthesiology and Reanimation Congress, Abstract Presentation (1.) : Bayrak M, Cinel I, Şener B, Cinel L, Kama N, Göğüş N. The role of nitric oxide in sepsis. XXXI. Yearbook of TARK, 243, Bursa, 1997.
2. XXXI. Turkish Anesthesiology and Reanimation Congress, Abstract Presentation (2.): Cinel I, Gür S, Göğüş N, Altan M. The depressant effect of propofol and adenosine in Myocardium. XXXI. Yearbook of TARK, 240, Bursa, 1997.
3. XXXII. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (3.) : Cinel I, Özmen M, Aşlar K, Düzgün E, Kanbak O. The antioxidant effect of propofol in laparoscopic surgery. XXXII. Yearbook of TARK, 169, Antalya, 1998.
4. 6<sup>th</sup> World Congress Endoscopic Surgery ELSA Award: Ozmen M, Aşlar K, Cinel I, Besler T, Hengirman S. Does splanchnic ischemia occur during laparoscopic cholecystectomy? Changes on end-tidal CO<sub>2</sub>, NO, MDA and intramural pH. 6<sup>th</sup> World Congress Endoscopic Surgery, Rome, Surgical Endoscopy 12(5): 483, 1998.
5. XXXIV. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (2.): Cinel I, Polat A, Büyükafşar K, Tamer L, Atıcı Ş, Cinel L, Oral U. The role of poly (ADPribose) synthetase inhibition in preventing endotoxemia-induced intestinal epithelial apoptosis. XXXIV. Yearbook of TARK, 336, Kuşadası, 2000.
6. XXXIV. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (4.) : Cinel I, Özer Z, Tamer L, Cinel L, Altuncan A, Atıcı Ş, Oral U. Poly (ADP-ribose) synthetase inhibition attenuates lipopolysaccharide-induced peroxynitrite mediated damage in diaphragm. XXXIV. Yearbook of TARK , 337, Kuşadası, 2000.
7. XXXV. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (1.) : Cinel I, Avlan D, Cinel L, Polat G, Atıcı Ş, Serinol H, Aksöyek S, Oral U. Ischemic preconditioning reduces intestinal epithelial apoptosis. XXXV. Yearbook of TARK, 434, Kemer, 2001.
8. XXXVI. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (3.) : Cinel I, Özdülger A, Cinel L, Ünlü A, Okçu H, Oral U. N-acetylcysteine prevents apoptotic lung injury in sepsis. XXXVI. Yearbook of TARK, 5, Belek, 2002.
9. XXXVI. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (2.) : Ünal Ş, Cinel I, Demirkan F, Cinel L, Öztürk C. Doruk N, Oral U. The role of adenosine in intestinal preconditioning. XXXVI. Yearbook of TARK, 5, Belek, 2002.
10. XXXVIII. Turkish Anesthesiology and Reanimation Congress Abstract Presentation (3.): Cinel I, Okcu H, Polat G, Unlu A, Cinel L, Oral U. Cyclosporine A prevents peroxynitrite-mediated mitochondrial dysfunction and intestinal apoptosis in the CLP-induced sepsis. XXXVIII. Yearbook of TARK, 6, Belek, Antalya, 2004.

## PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS

## Oral Presentations:

- The Dual role of Nitric Oxide in Sepsis 1994  
Annual Meeting of Numune Hospital, Ankara, Turkey
- Endothelin Peptides in Cardiovascular System 1996  
Annual Meeting of Numune Hospital, Ankara, Turkey
- Mechanical Ventilation Strategies in Chronic Obstructive Lung Diseases 2000  
Symposium of Chest Physions, Mersin, Turkey
- Pathophysiology of Preeclampsia 2002  
Turkish Anesthesiology and Reanimation Congress, Antalya, Turkey
- Apoptosis in Sepsis 2003  
IX. Winter Symposium on Intensive Care, Bursa, Turkey
- State of Art: Sepsis Pathophysiology 2003  
Intensive Care Congress, Kusadası, İzmir
- The CHAOS in Sepsis 2004  
The Congress of Turkish Society of Surgeons, Antalya, Turkey
- From bench to clinic: Sepsis 2004  
Interactive lecture (with the participation of Can Ince and Peter E. Sprong)  
Congress of Turkish Society of Surgeons, Antalya, Turkey
- Treatment Strategies in Sepsis 2004  
Annual Meeting of Mersin University, Mersin, Turkey
- The relationship between SIRS and sepsis in trauma patients 2004  
Annual Meeting of Turkish Society of Trauma, Mersin, Turkey
- Intestinal Apoptosis in Critically Ill 2004  
Symposium of Intensive Care Infections, Trabzon, Turkey

- Ischemia / Reperfusion  
Turkish Anesthesiology and Reanimation Congress, Antalya, Turkey 2004
- The Mechanisms of Ischemic Preconditioning 2005  
V. Symposium:  
Society of Turkish Cardiovascular Anesthesia and Intensive Care, Pamukkale, Turkey
- The Mechanisms of Organ Failure in Severe Sepsis 2006  
Critical Care Conference, Cooper University Hospital, NJ
- Prevention of Organ Failure in Critical Illness; Nutrients and Apoptosis 2006  
European Society of Enteral and Parenteral Nutrition Congress,  
Istanbul, Turkey
- Myocardial Protection; Anaesthetic Approach 2007  
45<sup>th</sup> Anniversary of the First Cardiovascular Surgery Center of  
Turkey Siyami Ersek Meeting, Istanbul
- Early Goal Directed Therapy and Microcirculation in Sepsis 2007  
TARK 2007, Antalya
- The Nutrients: An anti-oxidant and Anti-apoptotic Approach in Critically Ill Patients 2008  
Critical Care Conference, Cooper University Hospital, NJ
- Critical Illness Polyneuropathy & Myopathy 2008  
Turkish Intensive Care Congress 2008, Ankara, Turkey
- Update in Sepsis Treatment: Activated Protein C 2008  
Turkish Intensive Care Congress 2008, Ankara, Turkey
- Role of Inhaled Nitric Oxide on Microcirculation in Low Output States 2008  
EACTA 2008,  
Congress of European Association of Cardiothoracic Anaesthesiologists,  
Antalya, Turkey
- The role of Vibration Response Imaging in Cardiothoracic Surgery 2009  
XV. Congress:  
Society of Turkish Cardiovascular Anesthesia and Intensive Care, Gaziantep, Turkey



C.V.

Ismail Cinel, M.D., Ph.D.

Critical Illness Polyneuropathy

29<sup>th</sup> International Symposium of Intensive Care and Emergency Medicine, Brussel 2009

Limiting the need for vasopressors with intrathorasic pressure regulation

29<sup>th</sup> International Symposium of Intensive Care and Emergency Medicine, Brussel 2009

Early diagnosis of organ dysfunction in critically ill patients

15<sup>th</sup> Turkish Intensive Care Congress 2010, İzmir, Turkey 2010

MODERATIONS

1. Hemodynamic management according to the Surviving Sepsis Campaign  
29<sup>th</sup> International Symposium of Intensive Care and Emergency Medicine, Brussel 2009
2. Blood transfusions  
29<sup>th</sup> International Symposium of Intensive Care and Emergency Medicine, Brussel 2009

## BOOK CHAPTERS

1. Cinel I, Jean S, Dellinger RP. Basic Principles of Mechanical Ventilation. Ed: Parrillo JE, Dellinger RP. In; Textbook of Critical Care Medicine, Principles of Diagnosis and Management in the Adult, 3rd Ed. Elsevier, NY, 2007 Dec; 153-176.
2. Cinel I, Jean S, Dellinger RP. Dynamic lung imaging techniques in mechanically ventilated patients. Ed: JL Vincent, In; 2007 Yearbook of Intensive Care and Emergency Medicine, Springer-Verlag Berlin Heidelberg, 2007; 373-380.
3. Schorr C, Cinel I, Dellinger RP. The Bundle Concept: How to Implement Guidelines. Ed: Rehm CG, In; 12th Critical Care Refresher Course 2008; p. 1-8.
4. Cinel I, Dellinger RP. Sepsis and Septic Shock: Recommendations for Management in 2008. Ed: Rehm CG, In; 12th Critical Care Refresher Course 2008; p. 75-84.
5. Cinel I, Ninda R, Dellinger RP. Cardiac Dysfunction in Septic Shock. Ed: JL Vincent, In; 2008 Yearbook of Intensive Care and Emergency Medicine, Springer-Verlag Berlin Heidelberg, 2008; 43-54.
6. Cinel I, Metzger A, Dellinger RP. Intrathoracic Pressure Regulation for the Treatment of Hypotension. Ed: JL Vincent, In; 2009 Yearbook of Intensive Care and Emergency Medicine, Springer-Verlag Berlin Heidelberg, 2009.
7. Dellinger RP, Cinel I. Septic shock. Critical Care section of eMedicine Book. 2009
8. Cinel I, Günerli A. Critical Illness Polyneuropathy and Myopathy . Textbook of Critical Care. 2010; In Press.
9. Sahinoglu H, Cinel I. Mechanical Ventilation. Textbook of Critical Care. 2010; In Press.

C.V.

Ismail Cinel, M.D., Ph.D.

10. Cinel I, Günerli A. SIRS, Sepsis, Multi-organ Failure. Textbook of Critical Care. 2010; In Press.

## RESEARCH PAPERS

- A1.** Cinel I, Hollenberg SM. The Role of Nitric Oxide in Critical Illness: Update. *Critical Care* 2009; 13(4); 218.
- A2.** Cinel I, Opal S. Molecular biology of inflammation and sepsis: A primer. *Crit Care Med* 2009; 37(1):291-304.
- A3.** Ozmen MM, Zulfikaroglu B, Besler TH, Col C, Cinel L, Cinel I. The Correlation Between Reactive Oxygen Species and Histopathology of the Liver, Gut, and Kidneys in Animals with Elevated Intra-abdominal Pressure. *J Laparoendosc Adv Surg Tech A*. 2009 Apr 27. [Epub ahead of print].
- A4.** Ozmen MM, Zulfikaroglu B, Col C, Cinel I, Isman FK, Cinel L, Besler TH. Effect of increased abdominal pressure on cytokines (IL1 beta, IL6, TNFalpha), C-reactive protein (CRP), free radicals (NO, MDA), and histology. *Surg Laparosc Endosc Percutan Tech*. 2009;19(2):142-7.
- A5.** Treziack S, Cinel I, Dellinger RP, Shapiro NI, Arnold R, Parrillo JE, Hollenberg S. Resuscitating the microcirculation in severe sepsis and septic shock: Emerging concepts, challenges, and future directions. *Acad Emerg Med* 2008; 15: 1-15.
- A6.** Jean S, Cinel I, Tay C, Parrillo JE, Dellinger RP. Assessment of asymmetric lung disease in ICU patients using vibration response imaging: A technical report. *Anesthesia and Analgesia* 2008; 107(4): 1243-1247.
- A7.** Cinel I, Jean S, Tay C, Gratz I, Deal E, Parrillo JE, Dellinger RP. Vibration response imaging findings following inadvertent esophageal intubation. *Canadian Journal of Anaesthesia* 2008; 55 (3): 172-176.
- A8.** Jean S, Cinel I, Gratz I, Tay C, Lotano V, Deal E, Parrillo JE, Dellinger RP. Image-based monitoring of one lung ventilation with vibration response imaging. *European Journal of Anesthesia* 2008; 20: 1-7.

- A9.** Yapici D, Altuncan ZO, Atici S, Bilgin E, Doruk N, Cinel I, Dikmengil M, Oral U. Postoperative effects of low-dose intrathecal morphine in coronary artery bypass surgery. *J Card Surg.* 2008; 23(2):140-5.
- A10.** Jean S, Cinel I, Dellinger RP. Lung Assessment & Monitoring in the ICU Using Vibration Response Imaging. *ICU Management* 2007; 7(4): 12-14.
- A11.** Cinel I, Dellinger RP. Making a difference in outcome in severe sepsis: the organism, the host response and the treating clinician. *Emergency Medicine and Critical Care Review* 2007; 1: 1-3.
- A12.** Reinig M, White M, Levine M, Cha R, Cinel I, Purnachandra J, Goldfarb R, Yang Z, Mulligan L, Parrillo J, Gessman L. Left ventricular endocardial pacing: a transarterial approach. *Pacing Clin Electrophysiol* 2007; 30(12):1464-8.
- A13.** Cinel I, Dellinger RP. Advances in pathogenesis and management of sepsis. *Current Opinion in Infectious Disease* 2007; 20(4): 345-352.
- A14.** Dellinger RP, Jean S, Cinel I, Tay C, Rajanala S, Glickman YA, Parrillo JE. Regional distribution of acoustic-based lung vibration as a function of mechanical ventilation mode. *Critical Care* 2007 Feb 22; 11(1):R26.
- A15.** Goldfarb RD, Cinel I. Inhaled nitric oxide therapy for sepsis; more than just lung. *Crit Care Med* 2007; 35(1): 290-292.
- A16.** Birbicer H, Doruk N, Cinel I, Atici S, Avlan D, Bilgin E, Oral U. Could adding magnesium as adjuvant to ropivacaine in caudal anaesthesia improve postoperative pain control? *Pediatr Surg Int.* 2007; 23(2):195-8.
- A17.** Cinel I, Dellinger RP. Current treatment of severe sepsis. *Curr Infect Dis Rep* 2006; 8 (5): 358-365.
- A18.** Yazici G, Erdem O, Arslan M, Cimen B, Tasdelen B, Cinel I. Genistein attenuates ischemia/reperfusion injury in rat ovarian torsion model. *Fertility and Sterility* 2007; 87(2):391-6.

A19. Cinel I, Dellinger RP. Guidelines for severe infections: Are they useful? *Curr Opin Crit Care Med* 2006; 12(5): 483-8.

A20. Koksel O, Yıldırım C, Cinel L, Tamer L, Ozdulger A, Basturk M, Degirmenci U, Kanık A, Cinel I. Inhibition of poly (ADP-ribose) polymerase attenuates lung tissue damage after hind limb ischemia-reperfusion in rats. *Pharmacol Res* 2005; 51(5): 453-62.

A21. Atıcı S, Cinel I, Cinel L, Doruk N, Eskandari G, Oral U. Liver and kidney toxicity in chronic use of opioids: an experimental long term treatment model. *J Biosci* 2005; 30(2): 245-52.

A22. Doruk N, Buyukakıllı B, Atıcı S, Cinel I, Cinel L, Tamer L, Avlan D, Bilgin E, Oral U. The effect of preventive use of Alanyl-glutamine on diaphragm muscle function in cecal ligation and puncture-induced sepsis model. *JPEN* 2005; 29 (1): 36-43.

A23. Ocal K, Avlan D, Cinel I, Unlu A, Ozturk C, Yaylak F, Dirlik M, Camdeviren H, Aydın S. the effect of N-acetylcysteine on oxidative stress in intestine and bacterial translocation after thermal injury. *Burns* 2004; 30 (8): 778-84.

A24. Atıcı S, Doruk N, Apaydın D, Cinel I, Oral U. Epiduro-subcutaneal connection: A rare complication of permanent epidural catheter. *The Pain Clinic* 2004; 16: 217-21.

A25. Avlan D, Taskınlar H, Unlu A, Ozturk C, Cinel L, Naycı A, Cinel I, Aksoyek S. The role of poly(ADP-ribose) synthetase inhibition on the intestinal mucosa barrier after thermal injury. *Burns* 2004; 30(8): 785-92.

A26. Koksel O, Cinel I, Tamer L, Cinel L, Ozdülger A, Kanık A, Ercan B, Oral U. N-acetylcysteine inhibits peroxynitrite-mediated damage in oleic acid-induced lung injury. *Pulm Pharmacol Ther.* 2004; 17(5):263-270.

A27. Atıcı S, Cinel L, Cinel I, Doruk N, Aktekin M, Akca A, Camdeviren H, Oral U. Opioid neurotoxicity: Comparison of morphine and tramadol in an experimental rat model. *Intern J Neuroscience* 2004; 114: 1001-11.

A28. Koksel O, Tamer L, Cinel L, Ozdülger A, Ercil M, Ercan B, Cinel I, Kanık A, Atik U. Effects of N-acetylcysteine on oxidant balance in oleic acid-induced lung injury. *Exp. Lung Res* 2004; 30(6): 431-7.

A29. Sucu N, Cinel I, Unlu A, Aytacoglu B, Tamer L, Kocak Z, Karaca K, Gul A, Dikmengil M, Atik U, Oral U. N-acetylcysteine for preventing pump-induced oxido-inflammatory response during cardiopulmonary bypass. *Surg Today* 2004; 34(3):237-42.

A30. Caglıkülekçi M, Dirlik M, Cinel I, Ozer I, Cinel L, Ocal K, Aydın S. Effect of antithrombin-III (AT-III) on intestinal epithelium changes related to obstructive icterus: experimental study in rats. *Ann Chir.* 2004; 129(5): 273-7.

A31. Cinel I, Avlan D, Cinel L, Polat G, Atıcı Ş, Mavioğlu I, Serinol H, Aksöyek S, Oral U. Ischemic preconditioning reduces intestinal epithelial apoptosis in rats. *Shock* 2003; 19(6): 588-92.

A32. Unal Ş, Demirkan F, Arslan E, Cin İ, Cinel L, Eskandari G, Cinel I. Comparison of ischemic and chemical preconditioning in jejunal flaps : an experimental study in the rat. *Plast Reconstr Surg* 2003; 112(4): 1024-31.

A33. Ozdülger A, Cinel I, Köksel O, Cinel L, Avlan D, Unlü A, Okçu H, Dikmengil M, Oral U. The protective effect of N-acetylcysteine on apoptotic lung injury in CLP-induced sepsis model. *Shock*, 2003; 19(4): 366-72.

A34. Dirlik M, Büyükafşar K, Cinel I, Cinel L, Çağlıkülekçi M, Tamer L, Aydın S, Oral U. Effect of ornithine on the ileal histology, nitric oxide production and lipid peroxidation in LPS-induced endotoxemia. *Acta Okayama Med* 2003;48(2):139-42.

A35. Gür S, Cinel I. Sodium Selenate Partially Corrects Impaired Functional Responses in Detrusor Muscle in Streptozotocin-Induced Diabetic Rats. *Biol Trace Elem Res* 2003; 93(1-3): 171-8.

A36. Dirlik M, Çağlıkülekçi M, Cinel I, Cinel L, Tamer L, Pata C, Kanık A, Ocal K, Ogetman Z, Aydın S. The effect of PARS inhibition on ileal histopathology, apoptosis and lipid peroxidation in LPS-induced obstructive jaundice. *Pharmacol Res* 2003; 48(2): 139-49.

A37. Cinel I, Buyukafsar K, Cinel L, Polat A, Atıcı S, Tamer L, Oral U. The role of poly (ADPribose) synthetase inhibition in preventing endotoxemia-induced intestinal epithelial apoptosis. *Pharm Res* 2002; 46(2): 119-127.



- A38.** Cinel I, Oral U. Nitric oxide synthetase, poly(ADP-ribose) synthetase and ischemic preconditioning. *Crit Care Med* 2002; 30(9): 2167-2168.
- A39.** Ozdulger A, Cinel I, Unlu A, Cinel L, Maviođlu I, Tamer L, Atik U, Oral U. Poly (ADPribose) synthetase inhibition attenuates lipopolysaccharide-induced peroxyxynitrite mediated damage in diaphragm. *Pharm Res* 2002; 46(1): 67-73.
- A40.** Oztürk C, Avlan D, Cinel I, Cinel L, Unlu A, Camdeviren H, Atik U, Oral U. Selenium pretreatment prevents bacterial translocation in rat ischemia/reperfusion model. *Pharm Res* 2002; 46(2): 171-177.
- A41.** Aksöyek S, Cinel I, Avlan D, Cinel L, Oztürk C, Polat G, Nayci A, Oral U. Intestinal ischemic preconditioning protects the intestine and reduces bacterial translocation. *Shock* 2002; 18(5),: 476-480.
- A42.** Ozcan C, Görür K, Cinel L, Talas D, Unal M, Cinel I. The inhibitory effect of topical application on myringosclerosis in perforated rat tympanic membrane. *Int J Pediatr Otorhinolaryngol* 2002; 63: 179-184.
- A43.** Özmen M, Aşlar K, Besler T, Cinel I. Does splanchnic ischemia occur during laparoscopic cholecystectomy ? *Surgical Endoscopy* 2002; 16(3): 468-471.
- A44.** Görür K, Ozcan C, Polat A, Unal M, Tamer L, Cinel I. Antioxidant and antiapoptotic activity of selenium in prevention of myringosclerosis in rats. *J Laryngol Otol* 2002; 116: 426-429.
- A45.** Özer Z, Öztürk C, Altuncan A, Cinel I, Oral U. Inhibition of bacterial growth by lignocaine in propofol emulsion. *Anaest & Int Care* 2002; 30: 179-182.
- A46.** Zulfikaroglu B, Koç M, Soran A, Isman FK, Cinel I. Evaluation of oxidative stress in laparoscopic cholecystectomy. *Surgery Today* 2002; 32: 869-874.
- A47.** Özcan C, Polat G, Görür K, Talas D, Bağdatođlu O, Cinel I. The effect of local administration of N-acetylcysteine in perforated rat tympanic membrane: an experimental study in myringosclerosis. *Pharmacol Res* 2002; 45(1): 5-9.

- A48.** Taner S, Cinel I, Ozer I, Onde U, Taner D, Koksoy C. Poly (ADP-ribose) synthetase inhibition reduces bacterial translocation in rats after endotoxin challenge. *Shock* 2001; 16(2): 159-162.
- A49.** Saray A, Büyükkocak U, Cinel I, Telliođlu AT, Oral U. Diclofenac and metamizol in poostoperative analgesia in plastic surgery. *Acta Chirurgiae Plasticae* 2001; 43(3):71-76.
- A50.** Cinel I, Gür S. Direct inotropic effects of propofol and adenosine on rat atrial muscle: possible mechanism. *Pharm Res* 2000; 42(2): 123-128.
- A51.** Koksoy A, Koksoy C, Kuzu A, Demirpençe E, Cinel I, Kesenci M, Yavuzer S. Intestinal ischemia-reperfusion leads to platelet dysfunction. *Thromb Res* 1999; 94(6): 395-398.
- A52.** Demiryürek AT, Cinel I, Kahraman S, Tecder-Unal M, Göğüş N, Aypar Ü, Kanzık I. Propofol and intralipid interact with reactive species: A chemilunescence study. *Br J Anaest* 1998;80(5): 649-654.
- A53.** Soran A, Yücel E, Cinel I, Cinel L. Continuous calcium channel blocker infusion in experimentally induced acute pancreatitis: Effects on pancreas and liver function. *Acta Okayama Med* 1998;52 (6): 285-289.

PAPERS in REVISION or SUBMISSION PROCESS

1. Cinel I, Goldfarb R, Metzger A, Carcasses A, Jasti PR, Knob C, Parrillo JE, Lurie K, Dellinger RP. Intrathoracic Pressure Regulation Augments Cardiac Index in Porcine Peritonitis. CCM
2. Cinel I <sup>a,f</sup> Mustafa Ark<sup>b</sup>, Phillip Dellinger<sup>c</sup>, Havva Kubat<sup>d</sup>, Tuba Karabacak<sup>e</sup>, Hasan Serinof<sup>f</sup>, Lulufer Tamer<sup>g</sup>, Leyla Cinel<sup>d</sup>, Ugur Oral<sup>f</sup>, Paul Michael<sup>g</sup>, Shaimaa Hussein<sup>g</sup>, Joseph E. Parrillo<sup>c</sup>, Anand Kumar<sup>h</sup> and Aseem Kumar<sup>g</sup>. Involvement of Rho kinase (ROCK) in sepsis-induced acute lung injury. Shock

## ABSTRACTS

- B1.** Cinel I, Goldfarb R, Metzger A, Carcasses A, Jasti PR, Knob C, Parrillo JE, Lurie K, Dellinger RP. Intrathoracic Pressure Regulation Augments Cardiac Index in Porcine Peritonitis. SCCM Meeting, Nashville, 2009
- B2.** Goldfarb R, Cinel I, Leighton A, Fraimow H, Knob C, Cinel L, Parrillo JE, Dellinger RP. EA-230 renal protection in porcine peritonitis. 48<sup>th</sup> Annual ICAAC/IDSA, Washington DC, 2008.
- B3.** Jean S, Cinel I, Dellinger RP. Effect of Inspiratory Flow Pattern on Inspiration/Expiration Transition of Lung Vibrations in Mechanically Ventilated Patients. Crit Care 2008; 12 (Suppl 2): S118-S119.
- B4.** Cinel I, Dellinger RP. Inotropic Support in Septic Shock. International Sepsis Forum, Paris, 2007; p26.
- B5.** Cinel I, Jean S, Gratz I, Deal E, Tay C, Littman J. Acoustic monitoring of one lung ventilation with vibration response imaging. Crit Care 2007; 11 (Suppl 2): P202.
- B6.** Goldfarb R, Cinel I, Gandhi S, Cinel L, M Levine, Wang Q, Brooks A, Parrillo JE. E. Coli porcine peritonitis induces histological and transcriptome evidence of cardiac injury. Crit Care 2007; 11 (Suppl 2): P13.
- B7.** Jean S, Cinel I, Tay C, Wang Z, McGinly D. Correlation of lung vibration and airflow. Crit Care 2007; (Suppl 2): P192.
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August, 2010: 585