

Curriculum Vitae

Epameinondas Zakyntinos MD, PhD

Professor of Critical Care Medicine
School of Medicine, University of Thessaly
Head of the Critical Care Department of the University Hospital of
Larissa, Greece

February 2014

PERSONAL DATA

Name: **Epameinondas Zakyntinos**
Date of birth: 18 January 1958
Nationality: Greek
Address: Department of Critical Care Medicine
University Hospital of Larissa
School of Medicine, University of Thessaly
BIOPOLIS, 41110 Larissa, Greece
Tel: +30 2413501280
Fax: +30 2413501018
e-mail: ezakynth@med.uth.gr, ezakynth@yahoo.com

EMPLOYMENT HISTORY

2013-Present **Professor** of Critical Care Medicine, School of Medicine University of Thessaly, Greece
Chief of the Critical Care Department of the University Hospital of Larissa, Greece

2009-2013 **Associate Professor** of Critical Care Medicine, School of Medicine University of Thessaly, Greece
Chief of the Critical Care Department of the University Hospital of Larissa, Greece

2003-2009 **Assistant Professor** of Critical Care Medicine, School of Medicine University of Thessaly, Greece
Chief of the Critical Care Department of the University Hospital of Larissa, Greece

1998-2003 and
1992-1996 **Attending Physician (Senior Registrar)** in Critical Care and Respiratory Medicine Department, University of Athens, Evangelismos Hospital, Athens, Greece (under Professor Charis Roussos)

1984-1985 Rural Practice (General Doctor)
1983-1984 Military Service at Greek Army (General Doctor)

EDUCATION AND BACKGROUND

2003 Official national qualification from Health ministry-Greece for new cardiac techniques: Stress echocardiography, TDI, Harmonics, Transesophageal echocardiography.

August 1998-February 1999 Cardiac Catheterization/Invasive Cardiology Laboratory
"Evangelismos" Hospital, Athens, Greece

- September 1999-March 1999 Cardiac Catheterization/Invasive Cardiology Laboratory
Onassis Cardiac Surgery Centre, Athens, Greece
- 1997-1998 **(1 year) Research Fellow – Clinical Assistant;** Department of Medicine, Cardiology Division-Echocardiography, Postgraduate Royal Medical School, “Hammersmith” Hospital, London, Great Britain. Chief of the Department: Professor P. Nihoyannopoulos (Awarded from Hellenic Society of Cardiology)
- 1998 **Diploma of British Society of Echocardiography** Proficiency Level (1st among 60 candidates).
- 1997 **Hellenic Board Certification in Critical Care** (Intensive Care Medicine Licence Y7/oik.5279/15 Sep 1997)
- 1996 European Diploma of Intensive Care Medicine (**EDIC**) 5th among 49 candidates
- 1991-1996 **PhD**
I completed my PhD Thesis at the Athens University Medical School. The subject of my PhD was “Arrhythmias and conduction abnormalities in hypertensive patients and athletes” The studies included in the thesis were performed in the Internal Medicine Department, University of Athens, Laiko Hospital, under the supervision of Professor D. Papadogiannis.
- 1990 **Certificate of Completion of Cardiology Residency** (Cardiology Licence 15485/24 Sep 1990)
- 1985-1990 **Resident of Cardiology**
"Sotiria" Hospital for the Diseases of the Chest, Athens, Greece
- 1983 **MD**
School of Medicine, University of Athens, Greece
- 1983 **Medical Licence 4336/25 February 1983, Athens Greece**

TEACHING

Scientific Coordinator and Advisor in Undergraduate and Postgraduate Courses

- 2005-Present Scientific Coordinator: “Emergency Medicine”: Master of Science in «Primary Health Care», School of Medicine, University of Thessaly.
- 2003-Present “Intensive Care Medicine”: Lectures and practical to the medical students of the School of Medicine, University of Thessaly.
- 2006-Present Coordinator of Diploma Theses in the Master of Science «Primary Health Care», School of Medicine, University of Thessaly.
- 2002-Present Scientific Advisor in 19 Critical Care and Emergency Medicine Courses, University of Thessaly and University of Athens

Teaching in Undergraduate Courses

2003-Present	“Intensive Care Medicine”: Lectures and practical to the medical students of the School of Medicine, University of Thessaly.
2003-Present	“Pathophysiology”: Lectures to the medical students of the School of Medicine, University of Thessaly.
2003-Present	“Internal Medicine”: Lectures to the medical students of the School of Medicine, University of Thessaly.
1992-2003	“Intensive Care Medicine”: Lectures and practical to the medical students of the School of Medicine, University of Athens, Evangelismos Hospital, Athens, Greece

Teaching in Postgraduate Courses

2005-Present	“Emergency Medicine”: Lectures to the students of the Master of Science in «Primary Health Care», School of Medicine, University of Thessaly.
2003-Present	“Intensive Care Medicine”: Lectures and practical to the Critical Care Traineeship Participants, Critical Care Department, “University Hospital of Larissa”, Larissa, Greece
2010-Present	“Emergency Cardiac and Respiratory Disorders”: Lectures in “Nursing postgraduate courses” (Medical and Surgical speciality), “University Hospital of Larissa”, Greece
2005-2008	“Mechanical ventilation and muscle weakness. Rehabilitation”: Lectures to the students of the Master of Science in «Exercise and Health», Department of Gymnastics, University of Thessaly.
1992-2003	“Intensive Care Medicine”: Lectures and practical to the Critical Care Traineeship Participants, Critical Care Department, “Evangelismos” Hospital, Athens, Greece

- Thesis advisor 14 PhD students

MEMBERSHIP ON UNIVERSITY HOSPITAL OF LARISSA COMMITTEES

2010-Present	Member, Infectious Diseases Steering Committee, University Hospital of Larissa
--------------	--

MEMBERSHIP ON MINISTRY OF HEALTH (GREECE) COMMITTEES

2011-Present	Member, Critical Care Medicine Advisory Committees
--------------	--

RESEARCH

Research interests

- Diagnosis, treatment and prevention of infections in intensive care unit

- Clinical application of transthoracic and transesophageal echocardiography in the critically ill and/or injured patients
- Study of pulmonary hypertension in chronic lung diseases (interstitial lung disease, COPD, sleep apnea syndrome, pulmonary embolism)
- Respiratory muscles function in heart failure

GRANTS

1996 **By Hellenic Society of Cardiology** (for training in Cardiology Division- Echocardiography, "Hammersmith" Hospital, London, Great Britain, Chief of the Department: Professor P. Nihoyannopoulos).

Participant as Scientific Member in Multicentre Studies

Scientific Member in 10 Multicentre Studies

AWARDS

2012 Prize of Best Research Study. 14th National Conference of Critical Care Medicine, Athens, Greece.

2011 Prize of Best Research Study. 24th ESICM Annual Congress, Berlin, Germany.

2010 Prize of Best Research Study. 13th National Conference of Critical Care Medicine, Athens, Greece.

2006 Prize of Best Research Study. 15th National Conference of Chest Diseases, Crete, Greece.

2006 1st Prize of Best Oral Presentation. 15th National Conference of Chest Diseases, Crete, Greece.

INVITED LECTURES AND COORDINATION OF ROUND TABLES IN NATIONAL MEETINGS

Presided 31 round tables and gave 47 invited lectures in the field of Critical Care, and in the field of Cardiology.

INVITED LECTURES AND COORDINATION OF ROUND TABLES IN INTERNATIONAL MEETINGS

Presided 14 round tables and gave 2 invited lectures in the field of Critical Care, and in the field of Cardiology.

SCIENTIFIC AFFILIATIONS

- Hellenic Society of Cardiology
- Hellenic Society of Echocardiography
- Hellenic Society of Intensive Care Medicine
- European Society of Intensive Care Medicine
- European working group on Echocardiography of European Society of Cardiology

REVIEWER FOR MEDICAL JOURNALS

1. European Respiratory Journal

2. International Journal of Cardiology
3. Critical Care Medicine
4. Critical Care
5. Transfusion
6. Current Enzyme Inhibition
7. Archives of Hellenic Medicine
8. Πνεύμων

PUBLICATIONS

Published Papers in International Peer-Review Journals (89)

(Original articles: 44, Reviews: 13, Letters to the Editor: 4, Case Reports: 26, Editorial: 2)

Impact Factor: 369.13

Citations: 953

h-Index: 17

Clinical Research Papers

1. Accurate measurement of intrinsic positive end-expiratory pressure: how to detect and correct for expiratory muscle activity. S.G. Zakyntinos, T. Vassilakopoulos, **E. Zakyntinos**, C. Roussos. *Europ Respir J* 1997; 10: 522-529 (Accompanied by editorial comment). (Original article). **IF: 5.895**
2. Pressure support ventilation in patients with ARDS. Short term effects of a servocontrolled mode. S. Zakyntinos, T Vassilakopoulos, Z. Daniil, **E. Zakyntinos**, E. Koutsoukos, K. Katsouyianni, Ch. Roussos. *J Critical Care* 1997; 12: 161-172. (Original article). **IF: 2.134**
3. Respiratory muscles in heart failure. T. Vassilakopoulos, **E. Zakyntinos**, Ch. Roussos, S. Zakyntinos. *Monaldi Arch Chest Dis* 1999; 54: 150-153. (Review).
4. Correcting Static Intrinsic Positive End-expiratory Pressure for Expiratory Muscle Contraction: Validation of a new method. S. Zakyntinos, T. Vassilakopoulos, **E. Zakyntinos**, Ch. Roussos, G. Tzelepis. *Am J Respir Crit Care Med* 1999; 160: 785-790. Original article. **IF: 11.08**
5. Abnormal atrial and ventricular repolarization resembling myocardial injury after tricyclic antidepressant drug intoxication. **E. Zakyntinos**, T. Vassilakopoulos, C. Roussos, Zakyntinos S. *Heart* 2000; 83: 353-354.(Case Report) **IF: 4.223**
6. Respiratory muscle/circulation interaction in congestive heart failure. T. Vassilakopoulos, **E. Zakyntinos**, Ch. Roussos, S. Zakyntinos. *Intensivmed* 2000; 37: 352-360 (Review)
7. Fever in patients with pacemaker: The necessity of early performing transesophageal echocardiography. **E. Zakyntinos**, T.Vassilakopoulos, A. Mpetsou, E. Malagari, Ch. Roussos, S. Zakyntinos. *Intensive Care Med* 2000; 26: 1157-1158 (Case report) **IF: 5.399**
8. Contribution of expiratory muscle pressure to dynamic intrinsic positive end-expiratory pressure. Validation using the Campbell diagram. S. Zakyntinos, T. Vassilakopoulos, **E. Zakyntinos**, A. Mavrommatis, Ch. Roussos. *Am J Respir Crit Care Med* 2000; 162: 1633-1640 (Accompanied by editorial comment) (Original article). **IF: 11.08**
9. Right ventricular outflow obstruction caused by non-small cell lung carcinoma. **E. Zakyntinos**, D. Kontogianni, M. Mpalaftouta, T.Vassilakopoulos. *Int J Cardiol* 2000; 75: 313-314 (Case Report). **IF: 7.078**

10. A role for transesophageal echocardiography in the early diagnosis of Catastrophic Antiphospholipid Syndrome. **E. Zakyntinos**, T. Vassilakopoulos, D. Kontogianni, Ch. Roussos, S. Zakyntinos. *J Intern Med* 2000; 248: 519-524 (Case Report) **IF: 5.483**
11. Echocardiographic and Ambulatory Electrocardiographic findings in Elite Water-polo athletes. **E. Zakyntinos**, T. Vassilakopoulos, I. Mavrommati, G. Filippatos, Ch. Roussos, S. Zakyntinos. *Scand J Med Sci Sports* 2001; 11: 149-155. (Original article). **IF: 2.867**
12. Propofol use in head-injury patients (Letter). P. Politis, **E. Zakyntinos**, A. Kotanidou, I. Andrianakis, Ch. Roussos. *The Lancet* 2001; 357: 1710. (Letter to the Editor). **IF: 33.797**
13. Pulmonary hypertension, interstitial lung fibrosis, and lung iron deposition in thalassemia major. **E. Zakyntinos**, T. Vassilakopoulos, P. Kaltsas, E. Malagari, Ch. Roussos, S. Zakyntinos. *Thorax* 2001; 56: 737-739. (Case Report). **IF: 6.84**
14. Early- and late-onset atrioventricular valve rupture after blunt chest trauma: the usefulness of transesophageal echocardiography. **E. Zakyntinos**, T. Vassilakopoulos, Ch. Routsis, C. Roussos, S. Zakyntinos. *J Trauma* 2002; 52: 990-996. (Case Report). **IF: 2.48**
15. Dyspnoea and cyanosis in a cirrhotic patient (Case for Diagnosis). Gr Stratakos, K. Malagari, E. Broutzos, **E. Zakyntinos**, Ch Roussos, S. Papiris. *Eur Respir J* 2002; 19: 780-783. (Case Report). **IF: 5.895**
16. Uremic pericarditis with tamponade following prolonged continuous hemofiltration. **E. Zakyntinos**, T. Vassilakopoulos, P. Politis, Z. Daniil, C. Roussos, S. Zakyntinos. *Intens Care Med* 2001; 27: 1958-1959. (Case Report). **IF: 5.399**
17. Persistent primary peritonitis due to Group A streptococcus and E-coli. A. Gavala, S. Klimopoulos, D. Exarchos, K. Konstantinidis, Z. Daniil, S. Zakyntinos, **E. Zakyntinos**. *Intens Care Med* 2002; 28: 1829-1831. Case Report. **IF: 5.399**
18. An unusual cause of dyspnoea in a 77-year-old man Z. Daniil, K Malagari, **E. Zakyntinos**, G. Kapotsis, C. Roussos, S. Papiris *Chest*, 2004; 125: 770-774. (Case Report). **IF: 5.25**
19. Hemorrhagic cardiac tamponade in critically ill patients with acute renal failure. **E. Zakyntinos**, M. Theodorakopoulou, Z. Daniil, K. Konstantinidis, S. Zakyntinos. *Heart & Lung*, 2004; 33: 55-60. (Original article-Case series). **IF: 1.318**
20. Sepsis severity is the major dererminant of circulating thrombopoietin levels in septic patients. S. Zakyntinos, S. Papanikolaou, T. Theodoridis, **E. Zakyntinos**, V. Christopoulou-Cokkinou, G. Katsaris, A. Mavrommatis. *Crit Care Med* 2004; 32: 1004-1010. (Original article). **IF: 6.33**
21. Acute mechanical mitral valve thrombosis early after neurosurgery: is factor V Leiden mutation contributing? **E. Zakyntinos**, K. Pantazopoulos *Int J Cardiol* 2004; 96: 487-488. (Case Report). **IF: 7.078**
22. Huge Biatrial Primary Cardiac B-cell Lymphoma resulting in Bilateral Atrioventricular Valve Obstruction. **E. Zakyntinos**, G. Tassopoulos, C. Haritos, P. Kitsanta, John Pyros, Ch. Roussos, S. Papiris. *Leukemia and Lymphoma* 2004; 45: 2339-2342. (Case Report). **IF: 2.58**
23. Losartan reduces left ventricular hypertrophy proportionally to blood pressure reduction in hypertensives, but does not affect the diastolic cardiac function. **E. Zakyntinos**, Ch. Pierrutsakos, K. Konstantinidis, S. Zakyntinos, D. Papadogiannis. *Angiology* 2004; 55: 669-678. (Original article). **IF: 1.511**
24. Aspergillus endocarditis in a native valve after amphotericin B treatment. A. Kotanidou, **E. Zakyntinos**, I. Andrianakis, D. Zervakis, I. Kokotsakis, T. Argyrakos, A. Argiropoulou, G. Margariti, E. Douzinas. *Ann Thorac Surg* 2004; 78: 1453-1455. (Case Report). **IF: 3.741**
25. Anuria due to acute bilateral renal vein occlusion after thrombolysis for pulmonary embolism. **E. Zakyntinos**, E. Douka, Z. Daniil, K. Konstantinidis, V. Markaki, S. Zakyntinos. *Int J Cardiol* 2005; 11: 163-166. (Case Report). **IF: 7.078**

26. Cirrhosis-related intrathoracic disease. Imaging features in 1038 patients. K. Malagari, A. Nikita, E. Alexopoulou, E. Brountzos, M. Papathanasiou, J. Mitromaras, **E. Zakyntinos**, S. Papiris, DA. Kelekis. *Hepatogastroenterology* 2005; 52: 558-562. (Original article). **IF: 0.658**
27. Early gastrostomy reduces the rate of ventilator-associated pneumonia in stroke or head injury patients. Kostadima E, Kaditis AG, Alexopoulos EI, **Zakyntinos E**, Sfyas D. *Eur Respir J* 2005; 26: 106-111 (Original article). **IF: 5.895**
28. Losartan controlled Blood Pressure and reduced Left Ventricular Hypertrophy but did not alter Arrhythmias in hypertensive men with preserved systolic function. **E. Zakyntinos**, Ch. Pierrutsakos, Z. Daniil, D. Papadogiannis *Angiology* 2005; 56: 439-449 (Original article). **IF: 1.511**
29. Differential cardiovascular responses during weaning failure: effects on tissue oxygenation and lactate. Zakyntinos S, Routsis C, Vassilakopoulos T, Kaltsas P, **Zakyntinos E**, Kazi D, Roussos C. *Intensive Care Med* 2005; 31: 1634-1642 (Accompanied by editorial comment) (Original article). **IF: 5.399**
30. A 74-Yr old man with persistent symptomatic pleural effusions. Z.D. Daniil, **E.G. Zakyntinos**, E.V. Papageorgiou, M.G. Ioannou, K. Kostikas, K. Gourgoulisanis *Respir Med Extra* 2005; 1 (Case Report)
31. Recombinant human erythropoietin therapy in critically ill patients: a dose-response study Georgopoulos D, Matamis D, Routsis C, Michalopoulos A, Maggina N, Dimopoulos G, **Zakyntinos E**, Nakos G, Thomopoulos G, Mandragos K, Maniatis A; Critical Care Clinical Trials Greek Group. *Crit Care* 2005; 9: R508-R515 (Original article). **IF: 4.61**
32. Unilateral pulmonary edema due to pulmonary venous obstruction from fibrosing mediastinitis C. Routsis, C. Charitos, D. Rontogianni, Z. Daniil, **E. Zakyntinos**. *Int J Cardiol* 2006; 108: 418-421. (Case Report). **IF: 7.078**
33. Early gastrostomy and gastroesophageal reflux. (Letter) Kostadima E, Kaditis AG, Alexopoulos EI, **Zakyntinos E**, Sfyas D. *Clin Nutr* 2006; 25: 540 (Letter to the Editor). **IF: 4.093**
34. Vascular endothelial growth factor (VEGF) in pleural effusions. Kiropoulos, Z. Daniil, K. Gourgoulisanis, **E. Zakyntinos**. *Current Enzyme Inhibition* 2007; 3: 183-188 (Review)
35. Overnight change in brain natriuretic peptide levels in children with sleep-disordered breathing. Kaditis AG, Alexopoulos EI, Hatzi F, Kostadima E, Kiaffas M, **Zakyntinos E**, Gourgoulisanis K. *Chest* 2006; 130:1377-1384 (Original article). **IF: 5.25**
36. Pneumopericardium after blunt chest trauma: mechanical ventilation with positive pressure must be avoided. **Zakyntinos E**, Karetsi E, Diakaki C. *Int J Cardiol* 2008; 124: 8-10 (Case Report). **IF: 7.078**
37. Device-associated nosocomial infection rates in intensive care units in Greece. Dima S, Kritsotakis EI, Roubelaki M, Metalidis S, Karabinis A, Maguina N, Klouva F, Levidiotou S, **Zakyntinos E**, Kioumis J, Gikas A. *Infect Control Hosp Epidemiol* 2007; 28: 602-605. (Original article). **IF: 3.669**
38. Pulmonary embolism: pathophysiology, diagnosis, treatment. Kostadima E, **Zakyntinos E**. *Hellenic J Cardiol* 2007; 48: 94-107 (Review). **IF: 1.227**
39. Pulmonary arterial hypertension in a patient with common variable immunodeficiency and unilateral bronchiectasis: Successful treatment with iloprost. Daniil Z, Karetsi E, **Zakyntinos E**, Bakratsi E, Kalala F, Gourgoulisanis KI. *Eur J Intern Med* 2007; 18: 333-335 (Case Report). **IF: 2.0**
40. Atypical presentation of varicella-zoster virus encephalitis in an immunocompetent adult. Mpaka M, Karantanas AH, **Zakyntinos E**. *Heart Lung* 2008; 37: 61-66 (Case Report). **IF: 1.318**
41. Diagnostic and prognostic impact of brain natriuretic peptide in cardiac and noncardiac diseases. **Zakyntinos E**, Kiropoulos T, Gourgoulisanis K, Filippatos G. *Heart Lung* 2008; 37: 275-285. (Review). **IF: 1.318**

42. Venous oxygen saturation and lactate gradient from superior vena cava to pulmonary artery in patients with septic shock. Kopteridis P, Bonovas S, Mavrou I, Kostadima E, **Zakyntinos E**, Armaganidis A. *Shock* 2009; 31(6):561-7 (Original article). **IF: 2.848**
43. Serum VEGF levels are related to the presence of pulmonary arterial hypertension in systemic sclerosis Papaioannou, E. **Zakyntinos**, K. Kostikas, T. Kiropoulos, A. Koutsokera, A. Ziogas, A. Koutroumpas, L. Sakkas, K. Gourgoulisanis, D. Daniil *BMC Pulm Med* 2009; 9:18 (Original article). **IF: 2.42**
44. Inflammatory biomarkers in coronary artery disease N. Pappa, **E. Zakyntinos**. *J Cardiol* 2009; 53(3):317-33. Epub 2009 Jan 29 (Review).
45. Author's reply (Letter). **E. Zakyntinos**. *J Cardiol* 2009 Oct;54(2):345-6. Epub 2009 Sep 15 (Letter to the Editor)
46. Septic shock due to visceral leishmaniasis, probably transmitted from blood transfusions. M. Mpaka, Z. Daniil, D. Kyriakou, **E. Zakyntinos**. *J Infect Dev Ctries* 2009 Jul 1;3(6):479-83 (Case report). **IF: 1.2**
47. Biosynthesis, physiology and main diagnostic and therapeutic potentials of cardiac natriuretic peptides. M Ntalapascha, Z Daniil, **E Zakyntinos**. *International J Med Sciences* 2009;11:473-494 (Review). (Scopus)
48. Statins in bacteremia, sepsis and pneumonia: have we found the holy grail? N. Stamatogiannis, D. Makris, **E. Zakyntinos**. *Recent Pat Inflamm Allergy Drug Discov* 2009; 3(3):167-76 (Review).
49. Systemic and airway inflammation and the presence of emphysema in patients with COPD. Al Papaioannou, A Mazioti, T Kiropoulos, I Tsilioni, A Koutsokera, K Tanou, DJ Nikoulis, P Georgoulis, **E. Zakyntinos**, KI Gourgoulisanis, K Kostikas. *Respir Med* 2010; 104(2):275-82 (Original article). **IF: 2.475**
50. Community-associated Staphylococcus aureus infections: pneumonia. M Karvouniaris, D Makris, **E Zakythinos** *Microbiology Research* 2010;2e3:15-21 (Review).
51. Cardiac structure and function in Greek children with obstructive sleep-disordered breathing A. Kaditis, E. Alexopoulos, M. Ntalapascha, K. Gourgoulisanis, **E. Zakyntinos**. *Sleep Med* 2010; 11(4):406-12 (Original article). **IF: 3.4**
52. Dissemination of two international linezolid-resistant Staphylococcus epidermidis clones in Greek hospitals. Liakopoulos A, Spiliopoulou I, Damani A, Kanellopoulou M, Schoina S, Papafragas E, Marangos M, Fligou F, **Zakyntinos E**, Makris D, Protonotariou E, Tsiapara F, Filos K, Diza E, Anastassiou ED, Petinaki E. *J Antimicrob Chemother* 2010; 65(5):1070-1. (Original article). **IF: 5.068**
53. A 73-year-old woman with tracheobronchiomalacia. Makris D, Dimoulis A, Marquette CH, **Zakyntinos E**. *Intensive Care Med* 2010; 36(8):1441-2. Epub 2010 Apr 16 (Case Report). **IF: 5.399**
54. Correlation of urinary excretion of sodium with severity of sleep-disordered breathing in children: a preliminary study. Kaditis AG, Alexopoulos EI, Evangelopoulos K, Kostadima E, Varlami V, Boulதாகis E, Liakos N, **Zakyntinos E**, Zintzaras E, Gourgoulisanis K. *Pediatr Pulmonol* 2010; 45(10):999-1004 (Original article). **IF: 2.533**
55. Effects of obstructive sleep apnea severity on serum lipid levels in Greek children with snoring. Alexopoulos EI, Gletsou E, Kostadima E, Kaditis D, **Zakyntinos E**, Gourgoulisanis K, Kaditis A. *Sleep Breath* 2011; 15(4):625-31 (Original article). **IF: 1.839**
56. Nitroglycerin can facilitate weaning of difficult-to-wean chronic obstructive pulmonary disease patients: a prospective interventional non-randomized study. Routsis C, Stanopoulos I, **Zakyntinos E**, Politis P, Papas V, Zervakis D, Zakyntinos S. *Crit Care* 2010; 14(6):R204. (Original article). **IF: 4.61**
57. Candida bloodstream infections in intensive care units: analysis of the extended prevalence of infection in intensive care unit study. Kett DH, Azoulay E, Echeverria PM, Vincent JL; Extended Prevalence of Infection in ICU Study (EPIC II) Group of Investigators. *Crit Care Med* 2011; 39: 665-70 (Original article). **IF: 6.33**

58. Pulmonary hypertension in COPD: Pathophysiology and therapeutic targets. **Zakyntinos E**, Daniil Z, Papanikolaou J, Makris D. *Curr Drug Targets* 2011; 12:501-13 (Review). **IF: 3.93**
59. Current Drug Targets for the critically COPD patient. Makris D, **Zakyntinos E**. *Curr Drug Targets* 2011; 12:447-9 (Editorial). **IF: 3.93**
60. Rapture of the large intestine caused by oral glyphosate-surfactant intoxication. Palli E, Makris D, Diakaki C, Garoufalos G, **Zakyntinos E**. *Am J Emerg Med* 2011; 29:459-60. (Case Report). **IF: 1.976**
61. The impact of COPD on ICU mortality in patients with ventilator-associated pneumonia. Makris D, Desrousseaux B, **Zakyntinos E**, Durocher A, Nseir S. *Respir Med* 2011; 105:1022-9. (Original article). **IF: 2.475**
62. Pacemaker lead thrombosis and disseminated intravascular coagulation following warfarin therapy: case report and review of the literature. Papanikolaou J, Karabinis A, Koukoubani T, Karakitsos D, **Zakyntinos E**. *Hellenic J Cardiol* 2011; 52: 186-90 (Case report). **IF: 1.227**
63. Sepsis-associated takotsubo cardiomyopathy can be reversed with levosimendan. Karvouniaris M, Papanikolaou J, Makris D, **Zakyntinos E**. *Am J Emerg Med* 2012; 30: 832.e5-7 (Case report). **IF: 1.976**
64. Adjunctive therapies in severe pneumonia in critical care patients. Tzovaras N, Karvouniaris M, Makris D, **Zakyntinos E**. *Infect Disord Drug Targets* 2011; 11: 395-400 (Review).
65. Nosocomial MRSA pneumonia: data from recent clinical trials. Karvouniaris M, Makris D, Karabekos D, **Zakyntinos E**. *Rev Recent Clin Trials* 2011;6: 235-40 (Review).
66. Ocular disease awareness and pattern of ocular manifestation in patients with biopsy-proven lung sarcoidosis. Pefkianaki M, Androudi S, Praidou A, Sourlas V, **Zakyntinos E**, Brazitikos P, Gourgoulialis K, Daniil Z. *J Ophthalmic Inflamm Infect* 2011;1:141-5 (Original article)
67. Effect of pravastatin on the frequency of ventilator-associated pneumonia and on intensive care unit mortality: open-label, randomized study. Makris D, Manoulakas E, Komnos A, Papakrivou E, Tzovaras N, Hovas A, Zintzaras E, **Zakyntinos E**. *Crit Care Med* 2011; 39: 2440-6 (Original article). **IF: 6.33**
68. Intermittent recruitment with high-frequency oscillation/tracheal gas insufflation in ARDS. Mentzelopoulos SD, Malachias S, Zintzaras E, Kokkoris S, **Zakyntinos E**, Makris D, Magira E, Roussos C, Zakyntinos SG. *Eur Respir J* 2012; 39:635-47 (Original article). **IF: 5.895**
69. Cardiac and central vascular functional alterations in the acute phase of aneurysmal subarachnoid hemorrhage. Papanikolaou J, Makris D, Karakitsos D, Saranteas T, Karabinis A, Kostopanagiotou G, **Zakyntinos E**. *Crit Care Med* 2012; 40:223-32 (Accompanied by editorial comment) (Original article). **IF: 6.33**
70. New insights into weaning from mechanical ventilation: left ventricular diastolic dysfunction is a key player. Papanikolaou J, Makris D, Saranteas T, Karakitsos D, Zintzaras E, Karabinis A, Kostopanagiotou G, **Zakyntinos E**. *Intensive Care Med* 2011; 37:1976-1985 (Accompanied by editorial comment) (Original article). **IF: 5.399**
71. Inhaled antibiotics for nosocomial pneumonia. Karvouniaris M, Makris D, Triantaris A, **Zakyntinos E**. *Inflamm Allergy Drug Targets* 2012; 11:116-23 (Review)
72. Acute respiratory failure from pulmonary tuberculosis due to head trauma immunosuppression. Karapetsa M, Makris D, Mpaka M, **Zakyntinos E**. *Anaesth Intensive Care* 2012; 40: 361-2 (Case Report). **IF: 1.228**
73. Intensive care unit dissemination of multiple clones of linezolid-resistant *Enterococcus faecalis* and *Enterococcus faecium*. Ntokou E, Stathopoulos C, Kristo I, Dimitroulia E, Vasdeki A, Makris D, **Zakyntinos E**, Tsakris A, Pournaras S *J Antimicrob Chemother* 2012; 67:1819-23 (Original article). **IF: 5.068**

74. Oxidative stress in patients with obstructive sleep apnea syndrome. Ntalapasha M, Makris D, Zakyntinos E, Kyparos A, Tsilioni I, Kostikas K, Gourgoulis K, Kouretas D, **Zakyntinos E**. *Sleep Breath* 2013; 17(2):549-55 (Original article). **IF: 1.839**
75. Sonographic assessment of changes in diaphragmatic kinetics induced by inspiratory resistive loading. Soilemezi E, Tsagourias M, Talias M, Soteriades E, Makrakis V, **Zakyntinos E**, Matamis D *Respirology* 2013; 18(3):468-73 (Original article) **IF: 2.416**
76. The association between oxidative stress and obstructive sleep apnea syndrome. Makris D, Ntalapasha M, **Zakyntinos E**. *Sleep Breath* 2013; 17(2):451 (Letter to the Editor). **IF: 1.839**
77. Predicting short-term mortality in patients with Pulmonary Embolism: A simple model. Papaioannou AI, Kastanis A, Malli F, **Zakyntinos E**, Mpakarozi M, Moka S, Zintzaras E, Gourgoulis K, DAnniil Z. *Am J Med Science* 2013; 345(6):462-9 (Original article). **IF: 1.257**
78. Endothelial progenitor cells in the pathogenesis of Idiopathic Pulmonary Fibrosis: an evolving concept. Malli F, Koutsokera A, Paraskeva E, **Zakyntinos E**, Papagianni M, Makris D, Tsilioni I, Molyvdas PA, Gourgoulis K, Daniil Z. *PLoS ONE* 2013; 8(1):e53658. Epub 2013 Jan 14 (Original article). **IF: 4.411**
79. Bundle of measures for external cerebral ventricular drainage associated ventriculitis (EVDV). Chatzi M, Karvouniaris M, Makris D, Tsimitrea E, Gatos Ch, Tasiou A, Mantzaris K, Fountas K, **Zakyntinos E**. *Crit Care Med* 2013; Aug 26 [Epub ahead of print]. (Original article). **IF: 6.33**
80. Combined intravenous and intraventricular administration of colistin methane sulphonate in critically ill patients with CNS infection. Ziaka M, Markantonis S, Fousteri M, Zygoulis P, Panidis D, Karvouniaris M, Makris D, **Zakyntinos E**. *Antimicrobial Agents and Chemotherapy* 2013; 57(4):1938-40 (Original article). **IF: 4.84**
81. Ventilator Associated Tracheobronchitis Increases The Length Of Intensive Care Unit Stay. Karvouniaris M, Makris D, Manoulakas E, Mantzaris K, Chatzi M, **Zakyntinos E**. *Infection Control and Hospital Epidemiology* 2013; 34(8):800-8. doi: 10.1086/671274. Epub 2013 Jun 27 (Original article). **IF: 3.7**
82. Oxidative status in ICU patients with septic shock. Karapetsa M, Pitsika M, Goutzourelas N, Stagos D, Tousia Becker A, **Zakyntinos E**. *Food Chem Toxicol* 2013; Mar 27 [Epub ahead of print] (Original article). **IF: 2.99**
83. Vasopressin, steroids, and epinephrine and neurologically favorable survival after in-hospital cardiac arrest: a randomized clinical trial. Mentzelopoulos SD, Malachias S, Chamos C, Konstantopoulos D, Ntaidou T, Papastylianou A, Kolliantzaki I, Theodoridi M, Ischaki H, Makris D, **Zakyntinos E**, Zintzaras E, Sourlas S, Aloizos S, Zakyntinos SG. *JAMA* 2013; 310(3):270-9 (Original article). **IF: 30**
84. Diabetes and hemoglobin a1c as risk factors for nosocomial infections in critically ill patients. Tsakiridou E, Makris D, Chatzipantazi V, Vlachos O, Xidopoulos G, Charalampidou O, Moraitis G, **Zakyntinos E**. *Crit Care Res Pract* 2013; 2013:279479. doi: 10.1155/2013/279479. Epub 2013 Dec 29. (Original article).
85. Risk factors for the first episode of Klebsiella pneumoniae resistant to carbapenems infection in critically ill patients: a prospective study. Mantzaris K, Makris D, Manoulakas E, Karvouniaris M, **Zakyntinos E**. *Biomed Res Int* 2013;2013:850547. doi: 10.1155/2013/850547. Epub 2013 Dec 18. (Original article). **IF: 2,88**
86. Bundle of measures for external cerebral ventricular drainage-associated ventriculitis. Chatzi M, Karvouniaris M, Makris D, Tsimitrea E, Gatos C, Tasiou A, Mantzaris K, Fountas KN, **Zakyntinos E**. *Crit Care Med* 2014 Jan;42(1):66-73. (Original article). **IF: 6,33**
87. Contrast-induced nephropathy in aged critically ill patients. Palli E, Makris D, Papanikolaou J, Garoufalis G, **Zakyntinos E**. *Oxid Med Cell Longev* 2014;2014:756469. doi: 10.1155/2014/756469. Epub 2014 Jan 28. (Original article). **IF: 3,36**
88. New insights into the mechanisms involved in B-type natriuretic peptide elevation and its prognostic value in septic patients. Papanikolaou J, Makris D, Mpaka M, Palli E,

- Zygoulis P, **Zakyntinos E**. *Crit Care*. 2014 May 9;18(3):R94. doi: 10.1186/cc13864. (Original article). **IF: 5,04**
89. Acinetobacter baumannii infection in prior ICU bed occupants is an independent risk factor for subsequent cases of ventilator-associated pneumonia. Tsakiridou E, Makris D, Daniil Z, Manoulakas E, Chatzipantazi V, Vlachos O, Xidopoulos G, Charalampidou O, **Zakyntinos E**. *Biomed Res Int*. 2014;2014:193516. doi: 10.1155/2014/193516. Epub 2014 Jul 2. (Original article). **IF: 2,88**
810. Impact of appropriate antimicrobial treatment on transition from ventilator-associated tracheobronchitis to ventilator-associated pneumonia. Nseir S, Martin-Loeches I, Makris D, Jaillette E, Karvouniaris M, Valles J, **Zakyntinos E**, Artigas A. *Crit Care*. 2014 Jun 23;18(3):R129. doi: 10.1186/cc13940. (Original article). **IF: 5,04**
811. Early levosimendan administration may improve outcome in patients with subarachnoid hemorrhage complicated by acute heart failure. Papanikolaou J, Tsolaki V, Makris D, **Zakyntinos E**. *Int J Cardiol*. 2014 Oct 20;176(3):1435-7. doi: 10.1016/j.ijcard.2014.08.039. Epub 2014 Aug 13. No abstract available. (Case Report). **IF: 6,2**
812. The role of nuclear cardiac imaging in redefining neurogenic stunned myocardium in subarachnoid hemorrhage: a deeper look into the heart. Papanikolaou J, Makris D, **Zakyntinos E**. *Crit Care*. 2014 Aug 27;18(4):490. [Epub ahead of print] (Editorial). **IF: 5,04**

Clinical Research Papers (participating Department in multicenter studies)

1. Abdominal infections in the intensive care unit: characteristics, treatment and determinants of outcome. De Waele J, Lipman J, Sakr Y, Marshall JC, Vanhems P, Barrera Groba C, Leone M, Vincent JL; EPIC II Investigators. *BMC Infect Dis*. 2014 Jul 29;14:420. doi: 10.1186/1471-2334-14-420.
2. Impact of infection on the prognosis of critically ill cirrhotic patients: results from a large worldwide study. Gustot T, Felleiter P, Pickkers P, Sakr Y, Rello J, Velissaris D, Pierrakos C, Taccone FS, Sevcik P, Moreno C, Vincent JL; EPIC II Group of Investigators. *Liver Int*. 2014 Nov;34(10):1496-503. doi: 10.1111/liv.12520. Epub 2014 Mar 26.
3. Diagnosis and management of temperature abnormality in ICUs: a EUROBACT investigators' survey. Niven DJ, Laupland KB, Tabah A, Vesin A, Rello J, Koulenti D, Dimopoulos G, de Waele J, Timsit JF; EUROBACT Investigators. *Crit Care*. 2013 Dec 10;17(6):R289. doi: 10.1186/cc13153.

Published Papers in Greek Peer-Review Journals

8 Reviews

5 Clinical Research Papers

5 Cases

Proceedings

8 Congresses Proceedings

Oral and Poster Presentations in International Congresses

78 presentations in Critical Care, Emergency Medicine, Cardiac Diseases and Pulmonary Diseases Conferences

Oral and Poster Presentations in Greek Congresses

63 presentations in Critical Care, Emergency Medicine, Cardiac Diseases and Pulmonary Diseases Conferences.

Chapters in Books

1. P. Politis, **E. Zakyntinos**. Temporary cardiac pacing, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
2. **E. Zakyntinos**, P. Politis. Cardiac defibrillation, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
3. **E. Zakyntinos**, P. Politis. Infective Endocarditis, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
4. P. Politis, **E. Zakyntinos**. Acute Myocardial Infarction, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
5. P. Politis, **E. Zakyntinos**. Dissecting aneurysm of the thoracic aorta, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
6. P. Politis, **E. Zakyntinos**. Cardiac Arrhythmias, in “Principles in Critical Care” edited by C. Roussos, Athens, 3 editions: 1997, 2000, 2008
7. **E. Zakyntinos**. Transesophageal Echocardiography, in “Current Echocardiography-Doppler” edited by A. Kranidis, Athens, 1999
8. M. Karvouniaris, D. Makris, **E. Zakyntinos**. Pneumonia caused by methicillin-resistant staphylococcus aureus, in “Infectious Diseases of the Respiratory System” edited by G. Dimopoulos, Athens, 2010
9. Guest Editors: Makris D, **Zakyntinos E**. Current Drug Targets Special Issue: Current Drug Targets for the Critically Ill COPD Patient. [Curr Drug Targets 2011]
10. D. Baga, **Zakyntinos E**. Pneumonia caused by Pneumocystis Carinii in HIV negative patients in “Critical Care and Emergency Medicine” edited by G. Baltopoulos, Athens, 2008
11. P. Zigoulis, **E. Zakyntinos**, K. Gourgoulialis. COPD exacerbation and pneumonia in patients with α 1-antitrypsin deficiency, in “Critical Care and Emergency Medicine” edited by G. Baltopoulos, Athens, 2008
12. J. Papanikolaou, D. Makris, **E. Zakyntinos**. Central venous catheter use in ICU patients, in “Critical Care and Emergency Medicine” edited by G. Baltopoulos, Athens, 2008
13. M. Baka, **E. Zakyntinos**. Pathogenesis of pulmonary edema, in “Critical Care and Emergency Medicine” edited by G. Baltopoulos, Athens, 2008
14. D. Vergos, **E. Zakyntinos**. Mechanical support for congestive heart failure in “Critical Care and Emergency Medicine” edited by G. Baltopoulos, Athens, 2012
15. D. Makris, G. Baltopoulos, **Zakyntinos E**. Cardiopulmonary resuscitation in “Cardiology” edited by F. Triposkiadis, Larissa, 2013