


### INTENSIVE CARE UNIT

HOSPITAL BASED CLINICAL ACTIVITY NAME	Athens University School of Nursing, Intensive Care Unit at "Agiou Anargyroi" General Hospital of Kifissia
POSTAL ADDRESS	Kalyftaki N. Kifissia 145 64 Greece
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DIRECTOR NAME	Professor George J. Baltopoulos
WEBSITE	<a href="http://www.icutopics.gr">www.icutopics.gr</a>

### DIRECTOR OF THE HOSPITAL BASED CLINICAL ACTIVITY DETAILS

PHOTOGRAPH	Short CV
	<p>Professor of Critical Care and Pulmonary Diseases Athens University, Faculty of Nursing</p> <p>Director of Athens University School of Nursing I.C.U. at "Agiou Anargyroi" Hospital of Kifissia</p>

### HISTORY

The Critical Care & Pulmonary Diseases Department of Athens University School of Nursing, was founded in 1994 and begun functioning in 1996 (Agiou Anargyroi Hospital of Kifissia). After the earthquake of 1999 relocated to "KAT" Hospital of Kifissia. Since December 1<sup>st</sup> 2010 it was relocated again to the new "Agiou Anargyroi" Hospital and started admitting patients from January 3<sup>rd</sup>, 2011. The Department of Critical Care & Pulmonary Diseases (12 ICU beds) is offering clinical training in doctors, nurses and students of nursing, in addition to the patients care.

The Laboratory of Functional Testing of the Lungs, Bronchoscopy and Hyperbaric Medicine was founded in 1996 and begun functioning in 1998 (Agiou Anargyroi Hospital of Kifissia).

After the earthquake of 1999 relocated to "KAT" Hospital of Kifissia. Since December 1<sup>st</sup> 2010 it was relocated again to the new "Agiou Anargyroi" Hospital and

started admitting patients from March 1<sup>st</sup>, 2011.

It is offering clinical training in doctors, nurses and students of nursing in addition to the patients care (one hyperbaric chamber and one sleep studies bed).

Joined to the two above mentioned activities is the Research Unit, which is still located in “KAT” Hospital and will be relocated to “Agiou Anargyroi” Hospital soon. Measurements of several agents in biologic materials are performed there as well as ex vivo and in vitro studies. Those activities come to support the research interests of the members of the department. The research unit is also available for collaboration with other research teams.

### PERSONNEL

Name	Degree	Tel.Nr/Fax	e-mail
<b>Teaching and Research Staff</b>			
George Baltopoulos	Professor	210 3501698	<a href="mailto:galtop@nurs.uoa.gr">galtop@nurs.uoa.gr</a>
George Fildissis	Associate Professor	210 3501196	<a href="mailto:fildiss@nurs.uoa.gr">fildiss@nurs.uoa.gr</a>
Pavlos Myrianths	Associate Professor	210 3501195	<a href="mailto:fildiss@nurs.uoa.gr">fildiss@nurs.uoa.gr</a>
Leonidas Gregorakos	Associate Professor	210 6280400	
<b>Clinic Members</b>			
E. Boutzouka	MD	210 3501559	Anesthesiology and Critical Care
V. Zidianakis	MD	210 3501196	I Anesthesiology and Critical Care
P. Evaggelopoulou	MD	210 3501195	Internal Medicine and Critical Care
A. Gavala	MD	210 3501195	Pulmonary Diseases and Critical Care
E. Tsiggou	MD	210 3501559	Pulmonary Diseases and Critical Care
V. Karaouli	MD	210 3501190	Pulmonary Diseases and Critical Care
M.Pappa	MD	210 3501190	Anesthesiology and Critical Care
K. Venetsanou	Chemist	210 6280162	Research Unit
L. Louizou	RN	210 3501193	
<b>Specialized Medical Doctors</b>			
Ch. Demponeras	Cardiologist		Trainee in Critical Care
N. Atzoulatos	Pneumonologist		Trainee in Critical Care
V. Koutsoukou	Internal Medicine		Pulmonary and Critical Care
Z. Athanassa	Pneumonologist		Trainee in Critical Care
S.Papachristos	Internal Medicine		Trainee in Critical Care
A.Giakoumis	Cardiologist		Trainee in Critical Care
<b>External Research Partners</b>			
<b>PhD Candidate Students</b>			
C. Charilaou	RN		
P. Matsas	MD		
A. Morfonios	Economic		

D. Chaskou	RN		
Ch. Demponeras	MD		
Z. Athanassa	MD		
S. Gerassimou	RN		
E. Evodia	MD		
M. Myrianthefs	MD		
P. Lambrou	RN		
P. Stergiannis	RN		
G. Intas	RN		
K. Gaitanou	RN		
D. Hatzilia	MD		
A. Kefaliakos	RN		

### **Secretariat**

Secretary Name: Dimitra Karabatsou  
Tel: 210 3501698, Fax: 210 6231949  
E-mail: [dekara66@gmail.com](mailto:dekara66@gmail.com)

### **CURRICULUM**

#### **Undergraduate Program (2010 - 2011)**

1. Critical Care Medicine, 7<sup>th</sup> Semester
2. Pulmonary Medicine & Nursing, 7<sup>th</sup> Semester
3. First Aid, 3<sup>rd</sup> Semester
4. Emergency Medicine, 8<sup>th</sup> Semester
5. Hyperbaric Medicine 4<sup>th</sup> Semester
6. Mechanical ventilation 8<sup>th</sup> Semester
7. Therapeutics 7<sup>th</sup> Semester
8. Evidence Based Nursing

See [www.icutopics.com](http://www.icutopics.com) or .gr

#### **Postgraduate Program 2010 - 2011**

See [www.icutopics.com](http://www.icutopics.com) or .gr

Lectures are offered every Tuesday morning 08:00-09:00, in ICU at “Agioli Anargyroi” Hospital, from October 1<sup>st</sup> – May 31<sup>st</sup>

#### **Masters Program of Lectures**

See [www.icutopics.com](http://www.icutopics.com) or .gr

1. Specific Treatment in Critical Care
2. Disaster Medicine & Crisis Management

#### **Other Teaching Activities**

See [www.icutopics.com](http://www.icutopics.com) or .gr

Two major scientific events (congresses) per year

## **RESEARCH ACTIVITY**

See below

### **RESEARCH PROJECTS**

- Ventilator Induced Lung Injury (VILI)
- Sepsis: Investigation of immunoparalysis in patients with sepsis.
- Pulmonary: Spirometry and prediction equations in Greeks aged 12- 25 and 25 – 65 years old.
- Mechanisms of lung edema clearance
- Pulmonary hypertension
- ICU infections especially with MDR pathogens
- Fungal infections
- Pharmacokinetics

### **PUBLICATIONS (peer reviewed during the last 5 years)**

1. Myrianthefs P, Boutzouka E, Venetsanou K, Papalois A, Kouloukousa M, Kittas C, Baltopoulos G. Effect of different ventilatory strategies on local and systemic cytokine production in intact swine lungs in vivo. *Vascular Pharmacology* 2006; 44:283-289
2. Myrianthefs P, Markantonis SL, Vlachos K, Anagnostaki M, Boutzouka E, Panidis D, Baltopoulos G. Serum and Cerebrospinal Fluid Concentrations of Linezolid in Neurosurgical Patients. *Antimicrobial Agents and Chemotherapy* 2006; 50:3971-6
3. Matzaraki V, Alexandraki KI, Venetsanou K, Piperi C, Myrianthefs P, Malamos N, Karatzas S, Giannakakis T, Diamanti-Kandarakis E, Baltopoulos G. Evaluation of serum procalcitonin and interleukin-6 levels as markers of liver metastasis. *Clinical biochemistry* 2007; 40:336-342 Impact Factor: 2.356
4. Karatzas SP, Myrianthefs P, Niarchou T, Zidiannakis ZM, Boutzouka H, Evagelopoulou PL, Trebela P, Baltopoulos GJ. Comparison of gastric residual volume and paracetamol absorption tests to predict feeding tolerance in critically ill patients. *Neurol Croat* 2007; 56 (Suppl 4): 75-83
5. Myrianthefs P, Lazaris N, Venetsanou K, Smigadis N, Karabatsos E, Anastasiou-Nana MI, Baltopoulos G. Immune status evaluation of patients with chronic heart failure. *Cytokine* 2007; 37:150-154
6. Evagelopoulou E, Katsaros A, Myrianthefs P, Karatzas S, Boutzouka E, Fildissis G, Baltopoulos G. Colistin and rhabdomyolysis: A causative agent or an innocent bystander? *Intensive Care Med* 2007; 33:556-7
7. Myrianthefs P, Aravosita P, Tokta R, Louizou L, Boutzouka E, Baltopoulos G. Resolution of Page kidney related hypertension with medical therapy: A case report. *Heart & Lung* 2007; 36:377–379
8. Ioannides K, Myrianthefs P, Baltopoulos G. Colistin as a first choice antibiotic for the initial empiric antimicrobial therapy of VAP. *ERJ* 2007; 30:1234-1235
9. Fildissis G, Zidianakis V, Tsigou E, Koulenti D, Katostaras T, Economou A, Baltopoulos G. Quality of life outcome of critical care survivors eighteen months after discharge from intensive care. *Croat Med J* 2007; 48:814-21
10. Kiekkas P, Brokalaki H, Manolis E, Samios A, Skartsani C, Baltopoulos G. Patient severity as an indicator of nursing workload in the intensive care unit. *Nurs Crit Care* 2007; 12:34-41
11. Kiekkas P, Brokalaki H, Manolis E, Askotiri P, Karga M, Baltopoulos G. Fever and standard monitoring parameters of ICU patients: a descriptive study. *Intensive Crit Care Nurs* 2007; 23:281-8
12. Venetsanou K, Vlachos K, Moles A, Fragakis G, Fildissis G, Baltopoulos G. Hypolipoproteinemia and hyperinflammatory cytokines in serum of severe and moderate traumatic brain injury (TBI) patients. *Eur Cytokine Net* 2007; 18:206-9
13. Mihos P, Potaris K, Gakidis J, Myrianthefs P, Baltopoulos G. Clear-cut complete rupture of origin of right main bronchus. *Asian Cardiovasc Thorac Ann* 2008; 16:65-67.
14. Evagelopoulou P, Myrianthefs P, Markogiannakis A, Baltopoulos G, Tsakris A., Multidrug-Resistant *Klebsiella pneumoniae* Mediastinitis Safely and Effectively Treated with Prolonged Administration of Tigecycline. *Clinical Infectious Diseases* 2008; 46:1932-1933

15. Batistaki C, Kostopanagioutou G, Myrianthefs P, Dimas C, Matsota P, Pandazi A, Baltopoulos G. Effect of exogenous catecholamines on tumor necrosis factor alpha, interleukin-6, interleukin-10 and beta-endorphin levels following severe trauma. *Vascular Pharmacology* 2008; 48:85-91
16. Kafkas N, Venetsanou K, Patsilinakos S, Voudris V, Antonatos D, Kelesidis K, Baltopoulos G, Maniatis P, Cokkinos Dv. Procalcitonin in acute myocardial infarction. *Acute Card Care* 2008; 10:30-6
17. Makrou N, Markantonis S, Dimitrakis E, Panidis D, Boutzouka E, Karatzas S, Rafailidis P, Apostolakos H, Baltopoulos G. Colistin serum concentrations after intravenous administration in critically ill patients with serious multidrug-resistant, gram-negative bacilli infections: A prospective, open-label, uncontrolled study. *Clin Ther* 2008; 30:143-51
18. Grammatopoulou E, Skordilis E, Koutsouki D, Baltopoulos G. An 18-item standardized Asthma Quality of Life Questionnaire-AQLQ(S). *Qual Life Res* 2008; 17:323-32
19. Karatzas SP, Myrianthefs P, Niarchou T, Zidiannakis ZM, Boutzouka H, Evagelopoulou PL, Trebela P, Baltopoulos GJ. Comparison of gastric residual volume and paracetamol absorption tests to predict feeding tolerance in critically ill patients. *NEUROLOGIA CROATICA* 2008; 56(Suppl. 4):75-83
20. Makris K, Markou N, Evodia E, Dimopoulou E, Drakopoulos I, Ntetsika K, Rizos D, Baltopoulos G, Haliassos A. Urinary neutrophil gelatinase-associated lipocalin (NGAL) as an early marker of acute kidney injury in critically ill multiple trauma patients. *Clin Chem Lab Med* 2009; 47:79-82
21. Markantonis SL, Markou N, Fousteri M, Sakellaridis N, Karatzas S, Alamanos I, Dimopoulou E, Baltopoulos G. Penetration of colistin into cerebrospinal fluid. *Antimicrob Agents Chemother* 2009; 53:4907-10
22. L. Grigorakos, E. Sotiriou, N. Markou, S. Stratouli, E. Boutzouka, G. Philntisis, G. Baltopoulos. Combined Nutritional Support in Patients with Chronic Obstructive Pulmonary Disease (COPD) under Mechanical Ventilation (MV). *Hepato-Gastroenterology* 2009; 56:1612-1614
23. Myrianthefs P, Batistaki P, Baltopoulos G. Cardiopulmonary resuscitation in end stage cancer patients. *J BUON* 2010; 15:25-28
24. Fildissis G, Katostaras T, Moles A, Katsaros A, Myrianthefs P, Brokalaki H, Tsumakas T, Baltopoulos G. Oxygenation equilibration time after alteration of inspired oxygen in critically ill patients. *Heart & Lung* 2010; 39:147-152. Impact Factor: 1,043
25. Myrianthefs P, K. Ioannides, A. Gavala, E. Evodia, A. Tsakris, G. Baltopoulos. Patterns of resolution of infectious parameters in multidrug-resistant *Acinetobacter baumannii* ventilator-associated pneumonia. *Journal of Hospital Infection* 2010; 75:79-80 Impact Factor: 2.956
26. Myrianthefs P, Markantonis SL, Evagelopoulou P, Despotelis S, Evodia E, Panidis D, Baltopoulos G. Monitoring plasma voriconazole levels after intravenous administration in critically ill patients: an observational study. *International Journal of Antimicrobial Agents* 2010; 35:468-472 Impact Factor: 3.067
27. Myrianthefs PM, Boutzouka E, Baltopoulos GJ. Letters to the Editor: "Gamma-globulin levels in patients with community acquired septic shock" *Shock* 2010; 33:556-557. Impact Factor: 3.394
28. Myrianthefs M, Kafkas N, Demponeras C, Venetsanou K, Kyroudi A, Kouloukousa M, Myrianthefs P, Baltopoulos G. Diagnostic coronary angiography is related to decreased TNF- $\alpha$  production after ex-vivo whole blood stimulation with LPS. *Cytokine* 2010; 51:87-92. Impact Factor: 1,043
29. Myrianthefs P, Gavala A, Skordilis E, Grammatopoulou I, Fildissis G, Gregorakos L, Baltopoulos G. Spirometric reference values from a sample of an urban Greek population. *Respiratory Therapy* 2010; 5:36-41
30. Katsoulas T, Skordilis E, Myrianthefs P, Fildissis G, Theodosopoulou E, Baltopoulos G. Validity of St. George's respiratory questionnaire for Greek patients with Chronic Obstructive Pulmonary Disease. *Perceptual and Motor Skills* 2010; 3:772-888 Impact Factor: 0.67
31. P. M. Myrianthefs, G.J. Baltopoulos. Blood gas analysis: acid-base disorders, Chapter 18. *In: Tubaro M, Danchin N, Filippatos G, Goldstein P, Vranckx P & Zahger D (Eds). ESC textbook of Intensive and Acute Cardiac Care. Oxford University Press, England, 2010*
32. P. M. Myrianthefs, G.J. Baltopoulos. Fluid-electrolyte disorders, Chapter 18a. *In: Tubaro M, Danchin N, Filippatos G, Goldstein P, Vranckx P & Zahger D (Eds). ESC textbook of Intensive and Acute Cardiac Care. Oxford University Press, England, 2010*
33. P. M. Myrianthefs, P. Evagelopoulou, G.J. Baltopoulos. Resolution of infectious parameters in Ventilator Associated Pneumonia. *In: Esquinas Rodríguez Antonio Matías (Ed). Yearbook of Respiratory care clinics and applied technologies. Esquinas AM (ed): Applied Technologies in Pulmonary Medicine. Basel, Karger, 2011, pp 163–167*

## **INFORMATION FOR THE PUBLIC**

Every day, an outpatient clinic is available for the public, covering the following fields: Pulmonary diseases, Pain management, Internal medicine, Hyperbatic medicine, Sleep disorders. An appointment is needed.