

ΣΠΥΡΙΔΩΝ ΜΕΝΤΖΕΛΟΠΟΥΛΟΣ

I. ΒΙΟΓΡΑΦΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

Ημερομηνία γέννησης: 21/11/1964
Τόπος γέννησης: Αθήνα
Υπηκοότητα: Ελληνική
Στρατιωτική θητεία: Ιατρός (9/1992-4/1994)
Υπηρεσία υπαίθρου: 7/1994-12/1995
Παρούσα θέση: Αναπληρωτής Καθηγητής Ιατρικής Σχολής Πανεπιστημίου Αθηνών, Νοσοκομείο Ευαγγελισμός, Αθήνα. Γνωστικό Αντικείμενο «Εντατική Θεραπεία».

II. ΕΚΠΑΙΔΕΥΣΗ- ΜΕΤΕΚΠΑΙΔΕΥΣΗ

1976-1982 Γυμνάσιο, Λύκειο (Βαρβάκειος Πρότυπος Σχολή, Αθήνα)
 1984 -1992 Ιατρική Σχολή Πανεπιστημίου Αθηνών
 9/1993-4/1994 Ειδίκευση στην Ψυχιατρική (414 ΣΝΕΝ, Πεντέλη)
 12/1995-5/1996 Ειδίκευση στην Πνευμονολογία (Βενιζέλειο Νοσ/μείο, Ηράκλειο Κρήτης)
 6/1996-9/1996 Ειδίκευση στην Πνευμονολογία (Νοσοκομείο "Σωτηρία")
 10/1996-5/1997 Ειδίκευση στην Αναισθησιολογία, Νοσοκομείο "Σωτηρία"
 5/1997-4/1998 Ειδίκευση στην Αναισθησιολογία, Νοσοκομείο "Άγιος Σάββας"
 6/1988-9/2001 Ειδίκευση στην Αναισθησιολογία, Νοσοκομείο "Ευαγγελισμός"
 2/2002-5/2003 Επιμελητής Β΄ ΜΕΘ, Νοσοκομείο "Ερρίκος Ντυνάν"
 5/2003-12/2003 Επιμελητής Β΄ Καρδιοαναισθησιολογίας Νοσοκομείο "Αγία Σοφία"
 12/2003-9/2005 Επιμελητής Β΄ ΜΕΘ, Πανεπιστημιακό Νοσοκομείο "Αττικόν"
 9/2005-3/2010 Λέκτορας Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός"
 11/2007-3/2008 Visiting Scholar, University of Minnesota, Division of Pulmonary Diseases, Pulmonary and Critical Care Medicine, Regions Hospital, St. Paul, MN, Director: Marini JJ, Professor of Medicine.
 3/2010-3/2015 Επίκουρος Καθηγητής Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός."
 3/2015-σήμερα Αναπληρωτής Καθηγητής Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός."

III. ΔΙΠΛΩΜΑΤΑ

12/5/1992 Πτυχίο Ιατρικής, Πανεπιστήμιο Αθηνών. Βαθμός: Λίαν Καλώς

- 30/8/2001 European Diploma in Anesthesiology and Intensive Care (European Academy of Anesthesiology)
- 29/2/2004 Διδακτορική διατριβή, Πανεπιστήμιο Αθηνών. Βαθμός: Αριστα **ΘΕΜΑ:** «**Η Επίδραση των Μεταβολών του Όγκου, της Ροής και της Θέσης του Σώματος στις Μηχανικές Ιδιότητες του Πνεύμονα και του Θωρακικού Τοιχώματος σε Ασθενείς με Χρόνια Αποφρακτική Πνευμονοπάθεια (COPD) και Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας (ARDS)**»
- 26/6/2006 European Diploma in Intensive Care Medicine (European Society of Intensive Care Medicine)
- 16/11/2016 Εξειδίκευση στην Εντατική Θεραπεία στην Ελλάδα

IV. ΑΔΕΙΕΣ ΑΣΚΗΣΗΣ ΕΠΑΓΓΕΛΜΑΤΟΣ

- 6/1992 Ιατρικής
- 12/2001 Ειδικότητα Αναισθησιολογίας

V. ΝΟΣΟΚΟΜΕΙΑΚΕΣ & ΠΑΝΕΠΙΣΤΗΜΙΑΚΕΣ ΘΕΣΕΙΣ

A. Νοσοκομεία

- 2002-2003 Επιμελητής Β΄ ΜΕΘ., Νοσοκομείο "Ερρίκος Ντυνάν"
- 2003 Επιμελητής Β΄ Καρδιοαναισθησιολογίας Νοσοκομείο "Αγία Σοφία"
- 2003-2005 Επιμελητής Β΄ ΜΕΘ, Πανεπιστημιακό Νοσοκομείο "Αττικόν"

B. Πανεπιστήμιο

- 2005-2010 Λέκτορας Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός".
- 2010-2015 Επίκουρος Καθηγητής Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός".
- 2015-σήμερα Αναπληρωτής Καθηγητής Εντατικής Θεραπείας Α΄ Κλινικής Εντατικής Θεραπείας, Νοσοκομείο "Ευαγγελισμός".

VI. ΜΕΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΤΑΙΡΕΙΩΝ

Διεθνείς

European Society of Intensive Care Medicine, European Academy of Anesthesiology, European Resuscitation Council.

VII. ΒΡΑΒΕΙΑ-ΔΙΑΚΡΙΣΕΙΣ-ΥΠΟΤΡΟΦΙΕΣ

Βραβεία

- 1998 2^ο Βραβείο καλύτερης ελεύθερης ανακοίνωσης, The Mediterranean and Balkan Congress of Regional Anaesthesia and Pain Therapy

- 2003 "European Respiratory Society COPD Local Research Award 2003" for Greece
- 2007 Βραβείο Εκπαίδευσης και Έρευνας της Ελληνικής Εταιρείας Εντατικής Θεραπείας
- 2011 The 24th Annual Congress of the European Society of Intensive Care Medicine, Berlin, Germany, October 1-5, 2011. **Award Winning Abstract No. 416.** Intensive Care Med 2011; 37 [Suppl 2]: S109.
- 2017 Editorial Board Member, Resuscitation [Impact Factor = 5.86].
- 2019 **Appointment as First Author for the European Resuscitation Council Guidelines 2020 on the Ethics of Resuscitation and End-of-Life Decisions.**
- 2019 **Appointment as Co-author for the Executive Summary of the European Resuscitation Council Guidelines 2020.**

VIII. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΣΥΝΑΝΤΗΣΕΙΣ

A. Συμμετοχή σε συνέδρια που παρουσίασα επιστημονική εργασία

Διεθνή συνέδρια: Αρ. 25

Ελληνικά συνέδρια Αρ. 2

B. Διαλέξεις Συνεδρίων (κατόπιν προσκλήσεως)

Ελληνικές: 18 συν 2 Προεδρεία στο 16^ο και 17^ο Πανελλήνιο Συνέδριο Εντατικής Θεραπείας συν 1 Προεδρείο, Συνέδριο ΕΕΚΑΑ 2017 Συμμετοχές σε Στρογγυλή Τράπεζα: 2 Διεθνείς: 8 συν 2 προγραμματισμένες εντός του 2019 συν 1 προγραμματισμένο Προεδρείο σε Διεθνές Συνέδριο εντός του 2019

Ενδεικτικά Αναφέρονται:

- **28th International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium, March 18-21, 2008. Title of Lecture 1: Use of vasopressin and steroids. Speaker: Spyros Mentzelopoulos. Title of Lecture 2: HFO with tracheal insufflation? Speaker: Spyros Mentzelopoulos.**
- **The 12th International Interdisciplinary State-of-the-Art Congress, Megaron Athens International Conference Center, Athens, April 11-13, 2008. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: High Frequency Oscillation in ARDS.**

- The 13th International Interdisciplinary State-of-the-Art Congress, Hilton Athens Hotel, Athens, April 2-4, 2009. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Vasopressin and Steroids in Inhospital Cardiac Arrest.
- The Second ECCRN Clinical Trials Meeting, Brussels, Belgium, May 5-6, 2011. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Effect of intermittent high-frequency oscillation on the pathophysiology and survival of patients with acute respiratory distress syndrome (ARDS)-
- The Weil Conference on Cardiac Arrest, Shock, and Trauma, Milan, Italy, September 8-9, 2012. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Corticosteroids during CPR: A Prospective Study.
- The 2012 Resuscitation Science Symposium, Los Angeles, CA, November 3-4, 2012. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Potential Contribution of Corticosteroids to Positive Cardiac Arrest Outcomes.
- The Intercontinental HFO Alliance Meeting, London, United Kingdom February 20-21, 2013. Speaker: Spyros Mentzelopoulos. Lecture 1: Synopsis of prior Trial; Lecture 2: Synopsis of Ongoing Trial.
- Resuscitation 2015: Guidelines Congress Prague, October 29 to 31, Prague, Czech Republic. Speaker Spyros Mentzelopoulos. Title of Lecture 1: Ethics and Emergency Care Trials.
- Resuscitation 2017: Freiburg (Breisgau) September 28 to 30, Freiburg (Breisgau), Germany. Speaker Spyros Mentzelopoulos. Title of Lecture 1: Patient autonomy in Europe: the law and the practice (living will, patient preferences).

Προγραμματισμένη Διάλεξη 1: Resuscitation 2019: Ljubljana, Slovenia, September 19 - 21, 2019. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Ethical challenges of resuscitation.

Προγραμματισμένο Προεδρείο: Resuscitation 2019: Ljubljana, Slovenia, September 19 - 21, 2019. Session: Ethical challenges Chaired by: Leo Bossaert & Spyros Mentzelopoulos.

Προγραμματισμένη Διάλεξη 2: Swedish Congress on CPR and First Aid in Stockholm on the 24-25th of September 2019. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Vasopressin, Steroids, and Epinephrine in Cardiac Arrest [Vasopressin, Kortison och adrenalin vid hjärtstopp]

Γ. Προφορικές παρουσιάσεις εργασιών: Διεθνή συνέδρια: 3

- 1) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009. Speaker: Spyros Mentzelopoulos.** High-frequency oscillation and tracheal gas insufflation for severe acute respiratory distress syndrome: results from a single-center, phase II, randomized controlled trial [NCT00416260].
- 2) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009. Speaker: Spyros Mentzelopoulos.** Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest.
- 3) **24th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 1–5 October 2011. Speaker: Spyros Mentzelopoulos.** Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest: Results from a three-center, randomized controlled trial [NCT00729794].

IX. ΣΥΝΤΑΚΤΙΚΟ ΕΡΓΟ

A. Σύμβουλος συντακτικής επιτροπής επιστημονικών περιοδικών (Reviewer)

The LANCET
 JAMA Internal Medicine
 Intensive Care Medicine
 European Respiratory Journal
 ERJ Open Research
 Critical Care Medicine
 Chest
 Critical Care
 Resuscitation
 Scientific Reports
 International Journal of Cardiology
 Anesthesia & Analgesia
 Respiratory Medicine
 World Journal of Gastroenterology
 BMC Pulmonary Medicine
 Cardiovascular drugs and therapy
 Journal of Critical Care
 British Journal of Clinical Pharmacology
 Biomed Research International
 Annals of Medicine
 Pulmonary Medicine
 Perioperative Medicine

Journal of Clinical Anesthesia

Future Cardiology

Analgesia and Resuscitation

B. Συγγραφέας βιβλίων ή μονογραφιών

Διδακτορική διατριβή, 2004

Συγγραφή κεφαλαίων (1^{ος} συγγραφέας) σε 4 Ελληνικά (8 κεφάλαια) και 5 Διεθνή (6 κεφάλαια – σε 5 1^{ος} συγγραφέας και σε 1 τελευταίος συγγραφέας) πολυσυγγραφικά βιβλία. Ένα κεφάλαιο υπό συγγραφή για βιβλίο του Εκδοτικού Οίκου Springer Verlag.

Ενδεικτικά αναφέρονται:

- 1) **S.D. Mentzelopoulos**, C. Roussos, and S. G. Zakyntinos. High Frequency Oscillation for Acute Respiratory Failure in Adults. In: Vincent JL, ed. The 2008 Yearbook of Intensive Care and Emergency Medicine. Springer-Verlag, Berlin – Heidelberg, Germany, 2008: 290-300.
- 2) **Spyros D. Mentzelopoulos**, and Spyros G. Zakyntinos. Pressure volume curves and body posture in acute respiratory failure. In: Esquinas A, ed. The 2008 Yearbook of Respiratory Care Clinics and Applied Technologies. Tipografia San Francisco, S.A, Murcia, Spain, 2008: 309-314.
- 3) **Spyros D. Mentzelopoulos**, and Eleni E. Magira. Genetic and clinical factors of antibiotic resistance in bacteria. In: Meszaros A, Balogh G, eds. Multiple Drug Resistance. Nova Science Publishers Inc., Hauppauge, NY, 2009: ISBN: 978-1-60741-595-4.
- 4) **Spyros D. Mentzelopoulos**, Kalliopi Athanassiadi, Iosifina Kolliantzaki. Tracheal stenosis. In: Singh-Radcliff N, ed. The 5-Minute Anesthesia Consult. Lippincott Williams & Wilkins. Philadelphia, PA, 2012: 876-877.
- 5) Iosifina Kolliantzaki, Spyros Zakyntinos, **Spyros D. Mentzelopoulos**. The potential contribution of corticosteroids to positive cardiac arrest outcomes. In: Gullo A, Ristagno G, eds. Resuscitation, Translational Research, Clinical Evidence, Education, Guidelines. Springer-Verlag, Milan, Italy, 2014: 143-155.
- 6) **Spyros D. Mentzelopoulos**, George Karlis, Ioannis N. Pantazopoulos, Charikleia Vrettou. Ventilation Strategies: High-Frequency Oscillatory Ventilaiton. In: Chiumello D, ed. Acute Respiratory Distress Syndrome. Springer International Publishing Switzerland 2017: 41-60.

πό Συγγραφή: **Spyros D. Mentzelopoulos**, Patients and teams caring for them: parallels between critical care and emergency medicine. In: Michalsen A, Danbury C, eds. Compelling Ethical Challenges in Critical Care and Emergency Medicine. Springer-Verlag.

X. ΚΛΙΝΙΚΟ ΕΡΓΟ

Κατά την 27χρονη (1992-2019) σταδιοδρομία μου ασκώ συνεχές κλινικό έργο, αρχικά σαν ειδικευόμενος στην Ψυχιατρική (9 μήνες στα πλαίσια της Στρατιωτικής θητείας), στην Επείγουσα Ιατρική (Υπηρεσία Υπαίθρου στο Νοσ/μείο-Κ.Υ. Νεάπολης Κρήτης), σαν ειδικευόμενος την Πνευμονολογία (9 μήνες στα Νοσοκομεία "Βενιζέλειο" Κρήτης και "Σωτηρία" Αθήνας), σαν ειδικευόμενος στην Αναισθησιολογία (5 χρόνια σε τρία κεντρικά Νοσοκομεία της Αθήνας), στη συνέχεια σαν Επιμελητής Καρδιοαναισθησιολογίας (7 μήνες στο Νοσ/μείο "Αγία Σοφία"), Επιμελητής ΜΕΘ (Νοσ/μείο "Ερρίκος Ντυνάν", 15 μήνες και "Αττικό" 2 χρόνια), και τέλος σαν μέλος ΔΕΠ (Λέκτορας-Επίκουρος, Αναπληρωτής Καθηγητής) με πλήρη κλινικά καθήκοντα (Κλινική Εντατικής Θεραπείας Ιατρικής Σχολής Παν. Αθηνών, Νοσ/μείο "Ευαγγελισμός", 13 χρόνια). Σε σχέση με την κλινική πράξη σημειώνω ότι είμαι και Εκπαιδευτής Εξειδικευμένης Υποστήριξης της Ζωής του Ευρωπαϊκού Συμβουλίου Αναζωογόνησης [«European Resuscitation Council - ERC» Επιτυχές «Generic Instructor Course», 16 Μαΐου 2015].

XI. ΔΙΟΙΚΗΤΙΚΟ ΕΡΓΟ

Τα τελευταία 7.5 έτη (12/2011 – 4/2019) ήμουν Κλινικός Υπεύθυνος της ΜΕΘ-2 του Ευαγγελισμού, που έχει 15-17 κλίνες και χαρακτηριστικά Γενικής Μονάδας Εντατικής θεραπείας. Τα καθήκοντά μου αντιστοιχούσαν σε Αυτόνομες Θεραπευτικές Αποφάσεις για τους ασθενείς και φροντίδα για την προμήθεια απαραίτητου εξοπλισμού και γενικά για την ομαλή και παραγωγική λειτουργία της ΜΕΘ-2. Από 1/4/2019 είμαι Κλινικός Υπεύθυνος της ΜΕΘ-1 που έχει 12 κλίνες και στην οποία ασκώ ακριβώς τα ίδια με τα ανωτέρω αναφερόμενα καθήκοντα.

XII. ΔΙΔΑΚΤΙΚΟ ΕΡΓΟ

A. Προπτυχιακή εκπαίδευση

Επί 14 χρόνια (2005-σήμερα), διδασκαλία κλινική και από αμφιθέατρο του μαθήματος της Εντατικής Θεραπείας στους φοιτητές της Ιατρικής Σχολής του Πανεπιστημίου Αθηνών. Αντικείμενα Διδασκαλίας: «Καρδιο-αναπνευστική Αναζωογόνηση», «Μηχανικός Αερισμός», «Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας».

B. Μεταπτυχιακή εκπαίδευση

Συνοπτικά, μεταξύ 2004 και 2019 έλαβα μέρος ως Εκπαιδευτής / Ομιλητής στα ακόλουθα Μεταπτυχιακά Προγράμματα Σπουδών ή Εκπαιδευτικά Σεμινάρια: 1] «Φαρμακοκινητική Αναισθητικών Φαρμάκων» Β΄ Αναισθησιολογική Κλινική Παν/μίου Αθηνών, Ακαδ. Έτος 2004, 2] "Πρωτοβάθμια Φροντίδα Υγείας" της Κλινικής Εντατικής Θεραπείας του Πανεπιστημίου Θεσσαλίας, Ακαδ. Έτος 2006, 3] Διατομεακό Μεταπτυχιακό Σεμινάριο Ιωάννινα 2007 και Αθήνα (Ζάππειο) 2008, 4] Continuous Medical Education Lecture at Hennepin Medical Center, Minnesota USA, 2008, 5] Ημερίδα Ελληνικής Εταιρείας Εντατικής Θεραπείας για τις Διεθνείς Οδηγίες στη Σήψη 2009, 6] Μεταπτυχιακά Σεμινάρια στην Πνευμονολογία, 2009-2013, 7] Ετήσια Μεταπτυχιακά Σεμινάρια της Κλινικής Εντατικής Θεραπείας του Πανεπιστημίου Θεσσαλίας, 2011-2018, 8] Συνέδρια Ελληνικής Εταιρείας Καρδιοαναπνευστικής Αναζωογόνησης (Ε.Ε.Κ.Α.) 2014, 2016 (Προεδρείο), 2018, 9] Μεταπτυχιακά Σεμινάρια «Καρδιο-αναπνευστική Αναζωογόνηση» της Ε.Ε.Κ.Α.Α. 2016, 2017 10] Συνέδρια Ελληνικής Εταιρείας Εντατικής Θεραπείας 2010 [Διάλεξη], 2014 (Διάλεξη), 2016 (Προεδρείο), 2018 (Προεδρείο)]

Αναλυτικότερα παραδείγματα συστηματοποιημένων εκπαιδευτικών υποχρεώσεων έχουν ως ακολούθως:

Έδωσα 4 διαλέξεις [Καμπύλες Πίεσης – Όγκου, Proportional Assist Ventilation (PAV), Νεότερα Modes Μηχανικής Υποστήριξης της Αναπνοής – Υψίσυχνος Αερισμός High Frequency Oscillation (HFO), Συμβατικός Μηχανικός Αερισμός σε Ειδικές Νόσους - ARDS] στο Μεταπτυχιακό Σεμινάριο Μηχανικού Αερισμού, 13-14 Μαρτίου 2009 που διοργάνωσε ο Καθηγητής κος. Θ. Βασιλακόπουλος. Έκτοτε, στο ίδιο ετήσιο σεμινάριο, έχω δώσει άλλες 4 διαλέξεις (1 ανά έτος) για τον Υψίσυχνο Αερισμό μεταξύ 2010 και 2013.

Είχα αναλάβει το μάθημα της Καρδιοαναπνευστικής Αναζωογόνησης όπως και το μάθημα του Αεραγωγού για το "Πρόγραμμα Μεταπτυχιακών Σπουδών: Μονάδες Εντατικής Θεραπείας-Καρδιολογική Νοσηλευτική" που οργανώθηκε από τον καθηγητή κύριο Στεφανάδη (Ακαδ. Έτη 2007-8, 2008-9, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2016-2017).

Έχω λάβει μέρος ως Εκπαιδευτής Εξειδικευμένης Υποστήριξης της Ζωής (Advanced Life Support - ALS) στα Σεμινάρια "ALS Provider Course" της 12^{ης} – 13^{ης} Δεκεμβρίου 2015, 9^{ης}-10^{ης} Νοεμβρίου 2016, και 6^{ης}-7^{ης} Ιουλίου 2018 που οργανώθηκαν στην Αθήνα υπό την αιγίδα Ευρωπαϊκού Συμβουλίου Αναζωογόνησης (European Resuscitation Council – ERC).

Κατά τα ακαδημαϊκά έτη 2016-2017, 2017-2018 και 2018-2019 έλαβα μέρος ως Εκπαιδευτής στα ακόλουθα Μεταπτυχιακά Σεμινάρια: 1] «Διαταραχές της αναπνοής

στον ύπνο-εργαστηριακή και κλινική ιατρική του ύπνου» (2016-2019) και 2] «Καρδιοπνευμονική Αποκατάσταση και Αποκατάσταση Πασχόντων ΜΕΘ» (2017/2018 και 2018/2019). Τέλος, έδωσα 2 διαλέξεις, μία με Θέμα: «ARDS με βαριά υποξαιμία – τί κάνουμε;» στο 2^ο Εκπαιδευτικό Συμπόσιο «Καυτά Θέματα στην Εντατική Θεραπεία» της Α΄ Κλινικής Εντατικής Θεραπείας του Παν/μίου Αθηνών και μία με Θέμα «Βαρύ ARDS» στο 4^ο Εκπαιδευτικό Συμπόσιο «Καυτά Θέματα στην Εντατική Θεραπεία» της Α΄ Κλινικής Εντατικής Θεραπείας του Παν/μίου Αθηνών.

Γ. Διδακτορικές Διατριβές

Μέλος της τριμελούς επιτροπής σε 8 διατριβές, και μέλος της επταμελούς σε 5 (Ιατρική Σχολή Πανεπιστημίου Αθηνών). Απονεμηθείσες Διατριβές: Ανδρούλα Παπαστυλιανού [Θέμα: Συγκριτική αξιολόγηση της επίδρασης συνδυασμού Βαζοπρεσσίνης, Αδρεναλίνης και Μεθυλοπρεδνιζολόνης στην επιβίωση μετά από καρδιακή ανακοπή. Βαθμός: «Άριστα»], Σωτηρία Γκιζιώτη [Θέμα: Συγκριτική αξιολόγηση της φλεγμονώδους απάντησης μετά από καρδιακή ανακοπή σε ασθενείς που έλαβαν Βαζοπρεσίνη-Αδρεναλίνη-Μεθυλοπρεδνιζολόνη και Αδρεναλίνη-placebo-placebo κατά τη καρδιοπνευμονική αναζωογόνηση. Βαθμός: «Άριστα»], Σωτήριος Μαλαχίας [Θέμα: Επίδραση του Μηχανικού Αερισμού με Χαμηλούς Όγκους, του Αερισμού Υψηλής Συχνότητας και του συνδυασμού του τελευταίου με Ενδοτραχειακή Εμφύσηση Αερίων στις Αναπνευστικές και Καρδιαγγειακές Φυσιολογικές Μεταβλητές στο Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας. Βαθμός: «Άριστα»], Χαρίκλεια Βρεττού [Θέμα: Μηχανικός Αερισμός Ασθενών με την Τεχνική του Ταλαντωτή Υψηλής Συχνότητας σε Συνδυασμό με Ενδοτραχειακή Εμφύσηση Αερίων. Βαθμός: «Άριστα»], Μαρία Θεοδωρίδου: [Θέμα: Αξονική τομογραφία στο Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας Βαθμός: «Άριστα»], Ιωσηφίνα Κολλιαντζάκη [Θέμα: Αξιολόγηση Οργανικών Βλαβών μετά από Ενδονοσοκομειακή Καρδιακή Ανακοπή» Βαθμός: «Άριστα»].

Υπό συγγραφή Διατριβή την οποία και επιβλέπω: Έκτωρ Άννινος [Θέμα: Σύγκριση καρδιο-πνευμονικών μεταβλητών μεταξύ υψίσυχνου αερισμού χαμηλών συχνοτήτων, με ή χωρίς ενδοτραχειακή εμφύσηση οξυγόνου και υψίσυχνου αερισμού υψηλών συχνοτήτων σε ασθενείς με Σύνδρομο Οξείας Αναπνευστικής Δυσχέρειας (ARDS)] Τα αποτελέσματα της εν λόγω διατριβής έχουν ήδη δημοσιευθεί στο πρωτότυπο άρθρο No. 34.

Δ. Εκπαιδευτικό Συγγραφικό Έργο

1) Συγγραφή 7 ξενόγλωσσων άρθρων ανασκόπησης και ενός Editorial (Δημοσιεύσεις Νο. 46-53), 2) Επιλογή και αναδημοσίευση άρθρου (Δημοσίευση Νο. 38) σε μορφή Περίληψης στο περιοδικό Συνεχιζόμενη Ιατρική Εκπαίδευση AnesthesiaFile (Τεύχος Μαρτίου 1999). Η επιλογή του άρθρου έγινε από το Danemiller Memorial Educational Foundation Advisory Board, 3) Συγγραφή 5 κεφαλαίων για το βιβλίο "Έντατική Θεραπεία" (Editor: Χ. Ρούσσοι), ενός κεφαλαίου για το βιβλίο "Πνευμονολογία" (Editor: Χ. Ρούσσοι), και ενός κεφαλαίου για το βιβλίο "Βασικές Ρυθμίσεις στο Μηχανικό Αερισμό" (Editor: Θ. Βασιλακόπουλος) 4) Πρώτος ή Τελευταίος Συγγραφέας 6 κεφαλαίων σε ξενόγλωσσα βιβλία [δημοσιεύσεις Νο. 72-77], 5) Πρώτος ή Τελευταίος Συγγραφέας για το επίσημο περιοδικό της Επιστημονικής Ένωσης του Νοσοκομείου «Ευαγγελισμός» «Νοσοκομειακά Χρονικά» ["HOSPITAL CHRONICLES 2009; 71(Suppl 1):59-65; "HOSPITAL CHRONICLES 2010; 5(3):138-145; HOSPITAL CHRONICLES 2014;9(2):1-16; HOSPITAL CHRONICLES 2014; 9(4):236-50]."

Ε. Μέλος Εξεταστικής Επιτροπής, Ευρωπαϊκό Δίπλωμα Αναισθησιολογίας και Έντατικής Ιατρικής (EDAIC Part II Examination, Athens, Greece, September 13-14, 2013).

XIII. ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ

- | | |
|---|-----------------------------------|
| 1. Δημοσιεύσεις σε Ελληνικά περιοδικά | αρ. 7 |
| 2. Περίληψεις ανακοινώσεων (Abstract) σε διεθνή συνέδρια | αρ. 52 |
| | Πρώτος συγγραφέας: 33 |
| | Δεύτερος συγγραφέας: 6 |
| | Τελευταίος (senior) συγγραφέας: 5 |
| 3. Πλήρεις δημοσιεύσεις σε ξένα περιοδικά ή βιβλία | |
| α) Κεφάλαια σε βιβλία | αρ. 6 |
| β) Ανασκοπήσεις ή Διεθνείς Οδηγίες ή Editorials | αρ. 10 (7 σε |
| indexed περιοδικά με Δείκτη Απήχησης – Impact Factor-IF) | |

- γ) Πρωτότυπα άρθρα (εντός Pubmed με IF) **αρ. 34**
 Πρώτος συγγραφέας: 21
 Δεύτερος συγγραφέας: 3
 Τελευταίος (senior) συγγραφέας: 3
 Βασική έρευνα: 3
 Κλινική έρευνα: 31
- δ) Πρωτότυπα άρθρα (εκτός ή εντός Pubmed, χωρίς IF) **αρ. 1**
- ε) Case reports/studies: **αρ. 8**
- ζ) Γράμματα στον εκδότη **αρ. 17**
- η) Πλήρεις δημοσιεύσεις σε ξένα περιοδικά εντός Pubmed με IF **αρ. 66**

Αντικείμενο, n (%) :

Εντ. Θεραπεία: 54 (78.3%)

Αναισθησιολογία: 15 (21.7 %)

Έγιναν στο Εξωτερικό, n (%): 1 (1.5 %)

Έγιναν στην Ελλάδα, n (%): 68 (98.5 %)

θ) Διπλώματα Ευρυσιτεχνίας **3** Διεθνή (International publication Number WO 98/19589, United States Patent No.: 6,251,069 B1, European Patent No.: 0944346 B1) και 1 Ελληνικό (Οργανισμός Βιομηχανικής Ιδιοκτησίας, Αριθμ. 1002809)

ι) Πλήρεις δημοσιεύσεις σε ξενόγλωσσα περιοδικά εντός Pubmed με IF (η), κεφάλαια σε ξενόγλωσσα βιβλία (α) και άρθρα ιατρικής τεχνολογίας (θ) **αρ. 80.**

Συντελεστής απηγήσεων (Impact Factor)

Συνολικός συντελεστής απηγήσεων: **654.02**

Συντελεστής απηγήσεων Πρωτότυπων άρθρων/Ανασκοπήσεων: **425.24**

Συντελεστής απηγήσεων μόνο Πρωτότυπων άρθρων: **401.27**

Συντελ. απηγήσεων μόνο Πρωτότυπων άρθρων ως πρώτος, δεύτερος ή τελευταίος συγγραφέας: **348.22**

Μέσος όρος συντελεστού απηγήσεων (συνολικός συντ. απηγήσεων /αριθμ. δημοσιεύσεων): **654.02 / 70 = 9.34**

Μέσος όρος συντελεστού απηγήσεων Πρωτότυπων

άρθρων/Ανασκοπήσεων/Editorials: **425.24 / 45 = 9.45**

Μέσος όρος συντελεστού απηγήσεων μόνο Πρωτότυπων άρθρων: **401.27 / 35 = 11.47**

Προσωπικός συνολικός συντελεστής απηγήσεων: **392.56**

(Προσωπικός = 1^{ος} ή τελευταίος x1, 2^{ος} x0,5, 3^{ος} x0,33, λοιπές θέσεις x0,25)

Προσωπικός συντελ. απηγήσεων Πρωτότυπων άρθρων/Ανασκοπήσεων: **334.95**

Προσωπικός συντελεστής απηγήσεων μόνο Πρωτότυπων άρθρων: **303.01**

Βιβλιογραφικές αναφορές (Citation Index)

Συνολικός αριθμός αναφορών: **1259** (Scopus) **1899** (Google Scholar) – μετά από αφαίρεση αναφορών / άρθρων στα οποία είμαι συνεργάτης μη συγγραφέας (nonauthor contributor).

Η κατωτέρω ανάλυση περιορίζεται μόνο στις αναφρές από Scopus.

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων/Ανασκοπήσεων/Editorials: **1124**

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων: **939**

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων ως πρώτος, δεύτερος ή τελευταίος συγγραφέας: **656**

Προσωπικός συνολικός αριθμός αναφορών: **866**

(Προσωπικός = 1^{ος} ή τελευταίος x1, 2^{ος} x0,5, 3^{ος} x0,33, λοιπές θέσεις x0,25)

Προσωπικός αριθμός αναφορών Πρωτότυπων

άρθρων/Ανασκοπήσεων/Editorials: **773**

Προσωπικός αριθμός αναφορών μόνο Πρωτότυπων άρθρων: **704**

h-index: 18 (Scopus)

6. Συνοπτική ανάλυση του ερευνητικού έργου

Το ερευνητικό μου έχει παραχθεί σχεδόν αποκλειστικά στην Ελλάδα. Εστιάζεται στους ακόλουθους τομείς:

1. Μηχανική του αναπνευστικού συστήματος και νέες στρατηγικές μηχανικού αερισμού

Από τη Διδακτορική μου Διατριβή έχω δημοσιεύσει 5 κλινικές μελέτες σαν 1^{ος} συγγραφέας (Εργ. 4,6,8,11,12) που κατέδειξαν τις ευεργετικές επιδράσεις της πρηνούς θέσης στη μηχανική του αναπνευστικού συστήματος τόσο στο Σύνδρομο της Οξείας Αναπνευστικής Δυσπραγίας (ARDS) όσο και σε ασθενείς με βαριά παρόξυνση Χρόνιας Αποφρακτικής Πνευμονοπάθειας (COPD). Η εργασία Νο. 4 βραβεύθηκε από την European Respiratory Society και αφορούσε την πρώτη κλινική εφαρμογή της πρηνούς θέσης σε COPD ασθενείς. Οι εν λόγω εργασίες έχουν λάβει συνολικά **116** αναφορές. Επίσης, έχω δημοσιεύσει και ένα σχετικό με το αντικείμενο κεφάλαιο σε ξενόγλωσσο βιβλίο (Εργ. 73). Η τρέχουσα κλινική μου έρευνα στο Μηχανικό Αερισμό αφορά την εφαρμογή Υψίσυχνου Αερισμού (High Frequency Oscillation - HFO) σε συνδυασμό με ενδοτραχειακή χορήγηση οξυγόνου (Tracheal Gas Insufflation – TGI) σε ασθενείς με βαρύ ARDS. Έχω 6 δημοσιεύσεις αυτής της νέας μεθόδου, 4 (με **81** αναφορές) σαν 1^{ος} συγγραφέας (Εργ. 14, 18, 19, 21) και 2 σαν τελευταίος συγγραφέας (Εργ. 25, 27 με **12** αναφορές). Από τις προαναφερθείσες δημοσιεύσεις, 1 (Εργ. 21) αντιστοιχεί σε κλινική μελέτη με 125 ασθενείς (NCT00637507 – www.clinicaltrials.gov). Τέλος, έχω δημοσιεύσει και δύο σχετικά με το αντικείμενο κεφάλαια σε ξενόγλωσσα βιβλία (Εργ. 72 και 77).

2. Βαριές Ενδονοσοκομειακές λοιμώξεις

Έχω δημοσιεύσει σαν 1^{ος} ή τελευταίος συγγραφέας 2 εργασίες (Εργ. 5, 15) που στόχευαν στον προσδιορισμό προγνωστικών παραγόντων για την εκδήλωση καντινταιμίας και για την πνευμονία από πολυανθεκτικά μικρόβια. Οι εργασίες αυτές έχουν λάβει συνολικά **147** αναφορές. Επίσης, έχω λάβει μέρος και στην αναδρομική μελέτη που παρείχε τα πρώτα δεδομένα για την επαναφορά της κολιμυκίνης στην κλινική πράξη (Εργ. 7). Η εν λόγω εργασία έχει λάβει **205** αναφορές. Τέλος, έχω δημοσιεύσει και 1 κεφάλαιο σε ξενόγλωσσο βιβλίο (Εργ. 74).

3. Έλεγχος Αεραγωγού-Δύσκολη Ενδοτραχειακή Διασωλήνωση.

Έχω λάβει 4 Διπλώματα Ευρισυτεχνίας (3 ξενόγλωσσα/διεθνή – Εργ. 78-80 και 1 ελληνικό) εισάγοντας τη χρήση αεροθαλάμου (σε εύκαμπτη σπάθη λαρυγγοσκοπίου) κατά την άμεση λαρυγγοσκόπηση. Η κλινική χρησιμότητα της τεχνικής όσον αφορά την

βελτίωση των λαρυγγοσκοπικών ευρημάτων και την ελαχιστοποίηση της κίνησης του αυχένα με στόχο την ασφαλέστερη διασωλήνωση των πολυτραυματιών έχει αποδειχθεί με τις εργασίες 1-3 και 10. Επίσης, έχω δημοσιεύσει 1 σχετική με το αντικείμενο ανασκόπηση (Εργ. 46) και 1 σχετικό με το αντικείμενο κεφάλαιο σε ξενόγλωσσο βιβλίο (Εργ. 75) και αρκετές ενδιαφέρουσες περιπτώσεις και επιστολές προς τη σύνταξη σχετικές με το αντικείμενο (Εργ. 37, 38, 52-58). Οι προαναφερθείσες δημοσιεύσεις έχουν λάβει συνολικά περισσότερες από **60** αναφορές (αν συμπεριληφθούν και τα Διπλώματα Ευρισυτεχνίας).

4. Καρδιοαναπνευστική Αναζωογόνηση

Το 2009, δημοσίευσα στο περιοδικό *JAMA Intern Med [Arch Intern Med]* σαν 1^{ος} συγγραφέας μονοκεντρική, κλινική, διπλή τυφλή, τυχαιοποιημένη μελέτη που κατέδειξε βελτίωση της νοσοκομειακής επιβίωσης από το συνδυασμό βαζοπρεσίνης - αδρεναλίνης - κορτικοστεροειδών σε δείγμα 100 ασθενών με ενδονοσοκομειακή καρδιακή ανακοπή (Εργ. 16). Η μελέτη έχει ήδη δεχθεί πολλές ευνοϊκές κριτικές από τη διεθνή ιατρική κοινότητα και ήδη έχει λάβει **102** αναφορές. Επίσης, η έρευνα αυτή βραβεύθηκε από την Ελληνική Εταιρεία Εντατικής Θεραπείας και τα αποτελέσματά της έχουν παρουσιαστεί σε διεθνείς και ελληνικές διαλέξεις. Το 2013, δημοσίευσα στο περιοδικό *JAMA* σαν 1^{ος} συγγραφέας τρικεντρική, κλινική, διπλή τυφλή, τυχαιοποιημένη μελέτη που κατέδειξε βελτίωση της νοσοκομειακής επιβίωσης με καλή νευρολογική έκβαση από το συνδυασμό βαζοπρεσίνης - αδρεναλίνης - κορτικοστεροειδών σε δείγμα 268 ασθενών με ενδονοσοκομειακή καρδιακή ανακοπή (Εργ. 26). Η μελέτη έχει ήδη λάβει **106** αναφορές **ΚΑΙ ΕΧΕΙ ΣΥΜΠΕΡΙΛΗΦΘΕΙ (ΜΑΖΙ ΜΕ ΤΗΝ ΑΡΧΙΚΗ - JAMA Intern Med) ΣΤΙΣ ΟΔΗΓΙΕΣ ΑΝΑΖΩΟΓΟΝΝΗΣΗΣ ΤΗΣ ΑΜΕΡΙΚΑΝΙΚΗΣ ΕΤΑΙΡΕΙΑΣ ΚΑΡΔΙΟΛΟΓΙΑΣ..** Τέλος, έχω δημοσιεύσει και 1 σχετικό με το αντικείμενο κεφάλαιο σε ξενόγλωσσο βιβλίο (Εργ. 76).

7. Χρηματοδότηση ερευνητικών προτάσεων

- 2009** Αξιολόγηση νέας μεθόδου μηχανικού αερισμού. 2. Καμπύλες Πίεσης – Όγκου στο Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας. ΕΛΚΕ, ΑΠ 2839 / 28.7.2008.
- 2010** Μελέτη της Ακτιβίνης-Α με Στόχο την Ανάπτυξη Καινοτόμων Θεραπευτικών και Προγνωστικών Προσεγγίσεων για την Σήψη και το Σύνδρομο Οξείας Αναπνευστικής Δυσπραγίας 09ΣΥΝ-12-1075.
- 2010** Μηχανικός αερισμός ασθενών με Σύνδρομο Οξείας Αναπνευστικής Δυσχέρειας με την

τεχνική του Ταλαντωτή Υψηλής Συχνότητας σε συνδυασμό με Ενδοτραχειακή Εμφύσηση Αερίων. «ΗΡΑΚΛΕΙΤΟΣ II: Ενίσχυση του ανθρώπινου ερευνητικού δυναμικού μέσω της υλοποίησης διδακτορικής έρευνας του Ε.Κ.Π.Α.» Κατηγορία Πράξης: 11.74.11.01.

ΠΑΡΟΥΣΙΑΣΗ ΞΕΝΟΓΛΩΣΣΩΝ ΔΗΜΟΣΙΕΥΣΕΩΝ

* indicates corresponding author # indicates study without Impact Factor

A. ΠΡΩΤΟΤΥΠΑ ΑΡΘΡΑ (Peer Reviewed, Indexed in Pubmed με IF)

1. **Mentzelopoulos SD***, Tsitsika M.V., Balanika M.P., Tzoufi M.J., and Karamichali E.A. Balloon laryngoscopy reduces head extension and blade leverage in patients with potential cervical spine injury. **Crit Care**. 2000;4:40-44. **IF = 6.43**, personal IF = **6.43**, CI = 3, personal CI = 3.
2. **Mentzelopoulos SD***, Romana C.N., Corolanoglou D.S., Tzoufi M.J., and Karamichali E.A.. Balloon versus Conventional Laryngoscopy: A Comparison of Laryngoscopic Findings and Intubation Difficulty in Elective Surgery Patients. **Anesth Analg**. 2000;91:1513-9. **IF = 3.46**, personal IF = **3.46**, CI = 5, personal CI = 5.
3. **Mentzelopoulos SD ***, Tzoufi M.J., and Papageorgiou E.P.. The Disposition of the Cervical Spine and Deformation of Available Cord Space with Conventional- and Balloon Laryngoscopy-Guided Laryngeal Intubation: A Comparative Study. **Anesth Analg**. 2001;92:1331-6. **IF = 3.46**, personal IF = **3.46**, CI = 4, personal CI = 4.
4. **Mentzelopoulos SD***, Zakyntinos S. G., Roussos C., Tzoufi MJ, Michalopoulos A. Prone Position Improves Lung Mechanical Behavior and Enhances Gas Exchange Efficiency in Mechanically Ventilated Chronic Obstructive Pulmonary Disease Patients. **Anesth Analg**. 2003; 96: 1756-67. **IF = 3.46**, personal IF = **3.46**, CI = 22, personal CI = 22.

Award winner of the “European Respiratory Society COPD Local Research Award 2003” for Greece.
5. Michalopoulos AS, Geroulanos S., and **Mentzelopoulos SD***. Determinants of Candidemia and Candidemia-Related Death in Cardiothoracic ICU patients. **Chest**. 2003;124:2244-55. **IF = 7.65**, personal IF = **7.65**; CI = 88, personal CI = 88.
6. **Mentzelopoulos SD***, Roussos C, Zakyntinos SG. Prone position improves expiratory airway mechanics in severe chronic bronchitis. **Eur Respir J**. 2005;25:259-68. **IF = 12.24**, personal IF = **12.24**, CI = 8, personal CI = 8.
7. Michalopoulos AS, Tsiodras S, Rellos K, **Mentzelopoulos S**, Falagas ME. Colistin treatment in patients with ICU-acquired infections caused by multiresistant Gram-

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B. ΔΙΕΘΝΕΙΣ ΟΔΗΓΙΕΣ

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F. ΚΕΦΑΛΑΙΑ ΣΕ ΞΕΝΟΓΛΩΣΣΑ ΒΙΒΛΙΑ

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G. ΔΙΠΛΩΜΑΤΑ ΕΥΡΙΣΤΕΧΝΙΑΣ (Peer Reviewed)

78. **International Patent Application. S. Mentzelopoulos, C. Ballas. Laryngoscope with a flexible blade.** International publication Number WO 98/19589, International Patent Classification A61B 1/267, International Publication date: 14 May 1998. **[indexed: <http://www.wipo.int/pctdb/en/wo.jsp?wo=1998019589>]**
79. **United States Patent No. : 6,251,069 B1, issued June 26th, 2001. [indexed: <http://v3.espacenet.com/publicationDetails/biblio?CC=EP&NR=0944346&KC=&FT=E>] Cited by 6 Patent Documents in Google Scholar.**
80. **European Patent No.: 0944346 B1, issued October 17th, 2001-Bulletin 2001/42. [indexed: <http://v3.espacenet.com/publicationDetails/biblio?CC=EP&NR=0944346&KC=&FT=E>]**

ΣΥΝΟΨΗ ΔΗΜΟΣΙΕΥΣΕΩΝ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΙΑΤΡΙΚΑ ΠΕΡΙΟΔΙΚΑ - Impact Factor - 2018

Journal and Impact Factor	Original Articles/Reviews(in Parentheses)/ Guidelines/Editorial s (in Brackets)	Case reports	Letters to the Editor	Total for each Journal
New Engl J Med	79.26		1	79.26
JAMA	47.66	2	1	142.98
JAMA Intern Med	19.99	1		19.19
Am J Respir Crit Care Med	15.24	2		30.48
Circulation	18.88		1	18.88
Eur Respir J	12.24	4		48.96
Chest	7.65	1		7.65
Intensive Care Med	15.01	4 (1)		75.05
Crit Care Med	6.63	1		6.63
Clin Microbiol Infect	5.39	1		5.39
Crit Care	6.43	2	1	19.29
Resuscitation	5.86	4 (1) [1]	2	46.88
Am J Hematol	5.30		1	5.30
Anesth Analg	3.46	5	7	58.82
Cardiovasc Drug Ther	2.77	2		5.54
Eur J Anaesthesiol	3.96		1	3.96
Curr Opin Anaesthesiol	2.58	(1)		2.58
Pediatr Crit Care Med	3.09		1	3.09
Mycoses	2.79		1	2.79
J Crit Care	2.87	2		5.74
Anticancer Drugs	1.81		1	1.81
Scand J Infect Dis	1.93	1	1	3.86
Clin Physiol Funct Imag	2.60	1		2.60
Growth Horm IGF Res	1.83	1		1.83
Heart Lung	1.92		1	1.92
Notfall & Rettungsmedizin	0.64	[1]		0.64
Emerg Med Int	0.52	(1)		0.52
J Intensive Care		1		
Open Access Emerg Med		(1)		
Trenda Anaesth Crit Care		(1) [1]		
		35 (6) [4]	8	17
Impact Factor per Category	401.27 (24.97) [6.50]	24.89	196.39	
Sum of Impact Factors				654.02

Συντελεστής απηγήσεων (Impact Factor)

Συνολικός συντελεστής απηγήσεων: **654.02**

Συντελεστής απηγήσεων Πρωτότυπων άρθρων/Ανασκοπήσεων: **425.24**

Συντελεστής απηγήσεων μόνο Πρωτότυπων άρθρων: **401.27**

Συντελ. απηγήσεων μόνο Πρωτότυπων άρθρων ως πρώτος, δεύτερος ή τελευταίος συγγραφέας: **348.22**

Μέσος όρος συντελεστού απηγήσεων (συνολικός συντ. απηγήσεων /αριθμ. δημοσιεύσεων): **654.02 / 70 = 9.34**

Μέσος όρος συντελεστού απηγήσεων Πρωτότυπων άρθρων/Ανασκοπήσεων/Editorials: **425.24 / 45 = 9.45**

Μέσος όρος συντελεστού απηγήσεων μόνο Πρωτότυπων άρθρων: **401.27 / 35 = 11.47**

Προσωπικός συνολικός συντελεστής απηγήσεων: **392.56**

(Προσωπικός = 1^{ος} ή τελευταίος x1, 2^{ος} x0,5, 3^{ος} x0,33, λοιπές θέσεις x0,25)

Προσωπικός συντελ. απηγήσεων Πρωτότυπων άρθρων/Ανασκοπήσεων: **334.95**

Προσωπικός συντελεστής απηγήσεων μόνο Πρωτότυπων άρθρων: **303.01**

Βιβλιογραφικές αναφορές (Citation Index)

Συνολικός αριθμός αναφορών: **1259** (Scopus) **1899** (Google Scholar) – μετά από αφαίρεση αναφορών / άρθρων στα οποία είμαι συνεργάτης μη συγγραφέας (nonauthor contributor).

Η κατωτέρω ανάλυση περιορίζεται μόνο στις αναφρές από Scopus.

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων/Ανασκοπήσεων/Editorials: **1124**

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων: **939**

Αριθμός αναφορών μόνο Πρωτότυπων άρθρων ως πρώτος, δεύτερος ή τελευταίος συγγραφέας: **656**

Προσωπικός συνολικός αριθμός αναφορών: **866**

(Προσωπικός = 1^{ος} ή τελευταίος x1, 2^{ος} x0,5, 3^{ος} x0,33, λοιπές θέσεις x0,25)

Προσωπικός αριθμός αναφορών Πρωτότυπων άρθρων/Ανασκοπήσεων/Editorials: **773**

Προσωπικός αριθμός αναφορών μόνο Πρωτότυπων άρθρων: **704**

h-index: 18 (Scopus)

ΑΝΑΚΟΙΝΩΣΕΙΣ ΣΕ ΔΙΕΘΝΗ ΣΥΝΕΔΡΙΑ

- 1) **The Mediterranean and Balkan Congress of Regional Anaesthesia and Pain Therapy, Athens, 19-21 June 1998. S. Mentzelopoulos, E. Siniorkakis, and P. Bonoris.** Transdermal Fentanyl for Pain Control in Acute Myocardial Infarction. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 2) **The 19th International Symposium on Intensive Care and Emergency Medicine, Brussels, 16-19 March, 1999: S. D. Mentzelopoulos, M.V. Tsitsika, M.P. Balanika, M.J. Tzoufi, and E.A. Karamichali.** Balloon laryngoscopy reduces head extension and blade leverage in patients with potential cervical spine injury. **Crit Care** 1999;3 (suppl 1): 3-4.
- 3) **The 21st Annual Meeting of the European Academy of Anaesthesiology, Budapest, August 26-28, 1999: M.P. Balanika, M.V. Tsitsika, S.D. Mentzelopoulos, C.N. Romana, and E.A. Karamichali.** Sevoflurane/Remifentanyl for endotracheal intubation without muscle relaxants; comparison with Propofol/Remifentanyl. **Anaesthesiology and Intensive Therapy**; 1999: 29 (suppl 2): 19: P 11.
- 4) **The 20th International Symposium on Intensive Care and Emergency Medicine, Brussels, 21-24 March, 1999: S.D. Mentzelopoulos, M.J.Tzoufi, and E.P. Papageorgiou.** A Comparison of the Effects of Conventional and Balloon Laryngoscopy on the Sagittal Dimensions of the Space Available for the Cord at the Level of the Occipitoatlantoaxial Complex. **Crit Care** 2000;4 (suppl 1):59-60.
- 5) **Fourth Bi-Annual International Symposium on Advanced Laparo-endoscopic Surgery, April 26-28, 1999, Athens. K. Romana, D. Roidi, M. Latsona, S. Mentzelopoulos, A. Chatzimichalis, A. Loutsidis, I. Bellenis, E. Karamichali.** Video-assisted Thoracic Surgery Versus Open Thoracotomy: Postoperative Analgesic Requirements. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 6) **The 8th Annual Meeting of the European Society of Anaesthesiologists, Vienna 1-4 April 2000. S.D. Mentzelopoulos, C. Romana, D. Corolanoglou, P. Giannakopoulos, and E. Karamichali.** A Comparison of the Laryngoscopic Views obtained with a Standard and a Modified Curved Blade. **Eur J Anaesthesiol** 2000;17 (S19):173.
- 7) **The 15th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, Aarhus, 21-24 June 2000. C. Romana, S. Mentzelopoulos, D. Corolanoglou, M. Tsitsika, D. Roidi, A. Chatzimichalis, and E. Karamichali.** Intercostal Analgesia after Thoracic Surgery. **Br J Anaesth** 2000;84 (S1):17.
- 8) **The 22nd Annual Meeting of the European Academy of Anaesthesiology, Paris, France, 21-23 September, 2000 Paris. S. Mentzelopoulos, C. Romana, D.**

Corolanoglou, M. Tzoufi, P. Giannakopoulos, and E.A. Karamichali. Comparison of the laryngeal views obtained during conventional and balloon laryngoscopy. **Eur J Anaesthesiol** 2000; 17:785.

9) **The 22nd Annual Meeting of the European Academy of Anaesthesiology, Paris, France, 21-23 September, 2000 Paris.** S.D. Mentzelopoulos, C.N. Romana, M.J. Tzoufi, D.S. Corolanoglou, and E.A. Karamichali. Epidural ropivacaine and clonidine versus ropivacaine alone as rescue analgesic regimens after thoracic and major abdominal surgery. **Eur J Anaesthesiol** 2000;17:777.

10) **The 16th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, Weimar, 16-19 May, 2001.** K. Romana, S. Mentzelopoulos, K. Bare, D. Corolanoglou, S. Goletsis, A. Chatzimichalis, and E. Karamichali. Neuroendocrine and respiratory responses to video-assisted thoracic surgery vs. open thoracotomy. **Eur J Anaesthesiol** 2001; 18(S22):28.

11) **The 2001 Annual Congress of the European Respiratory Society, Berlin, September 22-26, 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of inspiratory work of breathing in ARDS patients. Effects of body position. **Eur Respir J** 2001;18(S33):317s.

12) **The 2001 Annual Congress of the European Respiratory Society, Berlin, September 22-26, 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of inspiratory work of breathing in COPD patients. Effects of body position. **Eur Respir J** 2001;18(S33):317s

13) **The 14th Annual Congress of the European Society of Intensive Care Medicine, Geneva, Switzerland, September 30th – October 3rd 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of work of breathing in mechanically ventilated COPD patients: Effects of body position. **Intensive Care Med** 2001;27 (S2); S267.

14) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003.** A. Michalopoulos, S. Geroulanos, and S. Mentzelopoulos. Determinants of Candidemia and Candidemia-related Death in Cardiothoracic Intensive Care Unit Patients. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

15) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003.** S. Mentzelopoulos, S. Zakyntinos. Body position and volume/flow dependence of respiratory mechanics in COPD. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

16) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003.** S. Mentzelopoulos, S. Zakyntinos. Comparison of

inspiratory work in mechanically ventilated ARDS and COPD patients in three different body positions. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

17) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003. S. Mentzelopoulos, S. Zakynthinos.** Body position and volume/flow dependence of respiratory mechanics in ARDS. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

18) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003. S. Mentzelopoulos, JM Sigala, S. Zakynthinos.** Partitioning of inspiratory work of breathing in COPD patients. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

19) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003. S. Mentzelopoulos, JM Sigala, S. Zakynthinos.** Body position and volume/flow dependence of respiratory mechanics in ARDS. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

20) **The 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, Athenaeum Intercontinental Hotel, Athens, Greece, April 10-13, 2003. S. Prapas, K. Rellos, V. Kotsis, A. Sidiropoulos, J. Panagiotopoulos, P. Stratigi, F. Danou, E. Kouri, S. Mentzelopoulos, A. Michalopoulos.** Morbidity and mortality rates in patients undergoing off-pump coronary surgery without aortic manipulations. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

21) **The 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, Athenaeum Intercontinental Hotel, Athens, Greece, April 10-13, 2003. S. Mentzelopoulos, K. Rellos, M. Rizos, D. Achtypis, S.B. Chittiwad, G. Dounis, A. Betsou, D. Fotakis, A. Michalopoulos.** Delayed sternal closure in patients undergoing cardiac surgery. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

22) **The 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, Athenaeum Intercontinental Hotel, Athens, Greece, April 10-13, 2003. S. Mentzelopoulos, K. Rellos, D. Fotakis, I. Mavrou, S. Georgopoulou, E. Demetriadou, G. Dounis, A. Michalopoulos.** The Cleveland Clinic Score for prediction of mortality. Is it actually useful in patients undergoing CABG surgery?. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

23) **The 14th ESPNIC (European Society of Paediatric and Neonatal Intensive Care) Medical and Nursing Annual Congress, Athens, Greece, November 20-23, 2003. A. Kourtesis, S. Mentzelopoulos, P. Stavropoulou, C. Mitzardidis, C. Paphitis, M. Azariadis, and E. Dragogia.** Fast tracking, cardiac anesthesia, and selection

criteria. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

24) **The 14th ESPNIC (European Society of Paediatric and Neonatal Intensive Care) Medical and Nursing Annual Congress, Athens, Greece, November 20-23, 2003.** A. Kourtesis, P. Stavropoulou, **S. Mentzelopoulos**, C. Paphitis, M. Azariadis, and E. Dragogia. Serum lactate as predictor of successful fast tracking from cardiac anesthesia. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

25) **17th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 10–13 October 2004.** Tzoufi M J, **Mentzelopoulos S D**, Paramythiotou E, Tsagaris H, Armaganidis A. Comparative effects of two humidification devices on respiratory mechanics in three ICU populations. **Intensive Care Med** 2004; 30 [supplement 1]: S24.

26) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces transpulmonary pressure in acute respiratory distress syndrome. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

27) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces transpulmonary pressure in acute respiratory distress syndrome. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

28) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** M. Tzoufi, **S. Mentzelopoulos**, E. Paramythiotou, H. Tsagaris, A. Armaganidis. Effects of a heat and moisture exchanger (HME) and a heat and moisture exchanger filter (HMEF) on respiratory mechanics of three common ICU populations. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

29) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces airway resistance and dynamic pulmonary hyperinflation in mechanically ventilated patients with severe chronic bronchitis. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

30) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 22-24, 2005.** D. Zervakis, F. Baziaka, **S. Mentzelopoulos**, M. Kontogeorgi, P. Koutoukas, S. Orfanos. Soluble triggering receptor expressed on myeloid cells is increased in patients with septic shock as compared to patients with sepsis and severe sepsis. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

31) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens**

Concert Hall, April 22-24, 2005. S. Mentzelopoulos, S. Zakyntinos. Static pressure volume curves and body posture in acute respiratory failure. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

32) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 22-24, 2005. M. Tzoufi, S. Mentzelopoulos, C. Roussos, A. Armaganidis.** Salbutamol and PEEP in obstructive lung disease. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

33) **The 10th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 6-9, 2006. D. Zervakis, T. Tsaganos, S. Mentzelopoulos, V. Karagianni, C. Martinos, E. J. Giamarellos-Bourboulis.** Soluble triggering receptor expressed on myeloid cells (s-TREM-1): a novel cytokine predictive of the survival of the septic shock. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

34) **The 10th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 6-9, 2006. S. Mentzelopoulos, M. Pratikaki, E. Platsouka, H. Kraniotaki, D. Zervakis, A. Koutsoukou, S. Nanas, O. Paniara, C. Roussos, C. Routsis, S. Zakyntinos.** Predictors of infection by pandrug-resistant *Pseudomonas aeruginosa*. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

35) **The 10th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 6-9, 2006. S. Mentzelopoulos, S. Zakyntinos.** Static pressure volume curves and body posture in acute respiratory failure. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

36) **The 10th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 6-9, 2006. P. Kopterides, M. Lignos, M. Theodorakopoulou, S. Papanikolaou, E. Papadomichelakis, M. Tzoufi, S. Mentzelopoulos, I. Mavrou, S. Orfanos, I. Dimopoulou, A. Armaganidis.** Pleural effusion can be a cause of cardiac tamponade: report of two cases. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

37) **The 10th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 6-9, 2006. S. Mentzelopoulos, A. Koutsoukou, S. Sourlas, M. Kontogeorgi, S. Malachias, S. Zakyntinos.** Physiologic effects of combined high frequency oscillatory ventilation and tracheal gasinsufflation in pulmonary ARDS. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

38) **19th European Society of Intensive Care Medicine Annual Congress – Barcelona, Spain – 24–27 September 2006. Mentzelopoulos S, Koutsoukou A, Sourlas S, Malachias S, Lachana A, Tzoufi M, Kontogeorgi, M, Zakyntinos S.** Combined high-frequency oscillatory ventilation and tracheal gas insufflation in pulmonary ARDS. **Intensive Care Med** 2006; 32 [supplement 1]: S121.

- 39) **19th European Society of Intensive Care Medicine Annual Congress – Barcelona, Spain – 24–27 September 2006** Mentzelopoulos S D, Pratikaki M, Platsouka E, Kraniotaki H, Tzoufi M, Zervakis D, Routsis C, Zakynthinos S G. Predictors of infection by pandrug-resistant *Pseudomonas aeruginosa*. **Intensive Care Med** 2006; 32 [supplement 1]: S255.
- 40) **The 11th International Interdisciplinary State-of-the-Art Congress, Athens Zappeion Conference & Exhibition Centre, April 20-22, 2007.** S. Poulaki, V. Gerovasili, A. Zagorianou, P. Renieris, D. Zervakis, M. El Ali, T. Theodoridis, V. Markaki, S, **Mentzelopoulos**, S. Nanas. Incidence of positive test for heparin antibodies in a multidisciplinary ICU. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 41) **The 11th International Interdisciplinary State-of-the-Art Congress, Athens Zappeion Conference & Exhibition Centre, April 20-22, 2007.** S. **Mentzelopoulos**, S. Malachias, M. Tzoufi, V. Markaki, D. Zervakis, M. Pitaridis, S. Zakynthinos. High frequency oscillation and tracheal gas insufflation for severe acute respiratory distress syndrome. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 42) **The 11th International Interdisciplinary State-of-the-Art Congress, Athens Zappeion Conference & Exhibition Centre, April 20-22, 2007.** S. **Mentzelopoulos**, N. Katsios, A. Papastylianou, S. Gisioti, A. Stathopoulos, E. Stamataki, M. Tzoufi, S. Zakynthinos. Combined vasopressin, epinephrine, and methylprednisolone for inhospital cardiac arrest. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 43) **20th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 7–10 October 2007.** S. D. **Mentzelopoulos**, S. Malachias, M. Tzoufi, V. Markaki, D. Zervakis, M. Pitaridis, S. Zakynthinos. High frequency oscillation and tracheal gas insufflation for severe acute respiratory distress syndrome. **Intensive Care Med** 2007; 33 [supplement 2]: S142.
- 44) **20th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 7–10 October 2007.** S. D. **Mentzelopoulos**, N. Katsios, A. Papastylianou, S. Gisioti, A. Stathopoulos, E. Stamataki, M. Tzoufi, S. Zakynthinos. Combined vasopressin, epinephrine, and methylprednisolone for inhospital cardiac arrest. **Intensive Care Med** 2007; 33 [supplement 2]: S186.
- 45) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009.** S. Malachias, S. Kokkoris, S. Zakynthinos, S. D. **Mentzelopoulos**. High-frequency oscillation and tracheal gas insufflation for severe acute respiratory distress syndrome: results from a single-center, phase II,

- randomized controlled trial [NCT00416260]. **Intensive Care Med** 2009;35[S1]:S6.
- 46) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009.** S. Kokkoris, S. Malachias, M. Theodoridi, A. Papaioannou, E. Kostopoulos, S. Zakyntinos, **S. Mentzelopoulos**. High-frequency oscillation and tracheal gas insufflation versus standard high frequency oscillation: comparison of gas exchange at two levels of tracheal pressure. **Intensive Care Med** 2009;35[S1]:S123.
- 47) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009.** **S. Mentzelopoulos**, C. Chamos, T Taidou, D. Konstantopoulos, A. Lomaka, V. Mintzi, E. Sika, G. Ganeli, K. Koutsodimou, D. Makris, S. Sourlas. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest. **Intensive Care Med** 2009;35[S1]:S213.
- 48) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009.** **Mentzelopoulos**, S. Kokkoris, K. Mpougia, V. Dimtsa, X. Ieropoulos, E. Zakyntinos, S. Aloizos, A. Papastylianou, N. Katsios, A. Stathopoulos, S. Malachias. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest: results on patients with postresuscitation shock. **Intensive Care Med** 2009;35[S1]:S283.
- 49) **24th European Society of Intensive Care Medicine Annual Congress – ICC, Berlin, Germany – 1–5 October 2011.** **S. Mentzelopoulos**, A. Papastylianou, C. Chamos, D. Konstantopoulos, T. Ntaidou, I. Kolliantzaki, D. Makris, E. Zakyntinos, S. Sourlas, S. Aloizos, C. Roussos, A. Lomaka, M. Theodoridi, S. Zakyntinos, S. Malachias. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest: Results from a three-center, randomized controlled trial [NCT00729794]. **Intensive Care Med** 2011; 37 [Suppl 2]:S109.
- 50) **25th European Society of Intensive Care Medicine Annual Congress, CCL, Lisbon, Portugal, 13-17 October 2012.** C.S. Vrettou, S. Malachias, S.G. Zakyntinos, **S.D. Mentzelopoulos**. High frequency oscillatory ventilation (HFO) combined with tracheal gas insufflation (TGI) as a rescue ventilation strategy in patients with acute respiratory distress syndrome (ARDS) and traumatic brain injury (TBI). **Intensive Care Med** 2012; 38 [Suppl 1]:S160.
- 51) **25th European Society of Intensive Care Medicine Annual Congress, CCL, Lisbon, Portugal, 13-17 October 2012.** C.S. Vrettou, K. Stavrakaki-Kallergi, **S.D. Mentzelopoulos**, C. Glynos, V. Karavana, S. Zakyntinos. BAL fluid (BALF) activin A (ACTA) levels in ARDS patients ventilated with conventional mechanical ventilation (CMV) vs high frequency oscillatory ventilation (HFOV). **Intensive Care Med** 2012; 38 [Suppl 1]:S18.

52) **33rd International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 19-22 March 2013.** CS Vrettou, S Malachias, SG Zakynthinos, **SD Mentzelopoulos.** Improvement in oxygenation with high-frequency oscillatory ventilation combined with tracheal gas insufflation is correlated to the extravascular lung water index. **Crit Care** 2013, 17 [Suppl 2]:S45.

5. ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΕΛΛΗΝΙΚΑ ΠΕΡΙΟΔΙΚΑ

1. Γ. Βογιατζής, Α. Τράγου, **Σ. Μεντζελόπουλος**, Γ. Κωσταντοπούλου. Τεχνική ατραυματικής τυφλής ρινοτραχειακής διασωλήνωσης με καθετήρα Foley και πλήρωση του αεροθαλάμου του τραχειακού σωλήνα με αέρα. **Ελληνική Αναισθησιολογία** 1997; 31; 157-60.

Παρουσίαση Περιστατικού: Τεχνική επείγουσας ατραυματικής ρινοτραχειακής διασωλήνωσης με χρήση καθετήρα Foley σε νεαρό πολυτραυματία που εκδήλωσε συμπτωματολογία απόφραξης του αεραγωγού μετά από αφαίρεση σωλήνα Montgomery σε έδαφος μαλάκυνσης της τραχείας.

2. **Σ. Δ. Μεντζελόπουλος**, Μ. Β. Τσίτσικα, Μ. Π. Μπαλανίκα, Μ. Ι. Τζούφη, Ε. Α. Καραμιχάλη.. Συγκριτική αξιολόγηση της συμβατικής και υποβοηθούμενης από αεροθάλαμο λαρυγγοσκόπησης υπό εξομοιωμένες συνθήκες δυνητικής κάκωσης του αυχένα. **Ελληνική Αναισθησιολογία** 1998; 32:199-205.

Ελεγχόμενη Τυχαιοποιημένη Κλινική Μελέτη: Συγκρίθηκαν η συμβατική και η υποβοηθούμενη από αεροθάλαμο λαρυγγοσκόπηση αναφορικά με την κίνηση της κεφαλής κατά τη λαρυγγοσκόπηση και την κίνηση τύπου μοχλού του λαρυγγοσκοπίου. Το άρθρο αυτό αποτελεί πρόδρομη δημοσίευση της ανωτέρω αναφερθείσας διεθνούς δημοσίευσης No.: 4.

3. **Σ. Μεντζελόπουλος**, Ε. Σινιοράκης, Π. Μπονόρης. Η διαδερμική χορήγηση φεντανύλης σε ασθενείς με έμφραγμα του μυοκαρδίου. Αναλγησία και αιμοδυναμικές επιπτώσεις. **Ελληνική Αναισθησιολογία** 1999; 33:17-22.

Ελεγχόμενη Κλινική Μελέτη: Μελετήθηκαν οι πιθανές ευνοϊκές επιδράσεις της διαδερμικής χορήγησης fentanyl σε ασθενείς με μετεμφραγματική στηθάγχη ανθεκτική στη συμβατική φαρμακευτική αγωγή (νιτρώδη, β-αναστολείς κλπ). Η ομάδα ελέγχου ελάμβανε μεπεριδίνη. Τα κύρια ευρήματα ήταν η αποτελεσματικότερη αναλγησία και η αύξηση του κορεσμού του μικτού φλεβικού αίματος στην ομάδα του διαδερμικού fentanyl.

4. **Σ. Μεντζελόπουλος**, Δ. Δίπλας, Ε. Καραμιχάλη.. Συνεχής επισκληρίδια έγχυση μορφίνης, ροπιβακαΐνης και μιδαζολάμης σε ασθενή με διάχυτη καρκινωμάτωση. **Ελληνική Αναισθησιολογία** 2000;34:76-81.

Παρουσίαση Περιστατικού: παρουσιάζεται νέος συνδυασμός επισκληριδίου χορηγουμένων φαρμάκων (μορφίνης, ροπιβακαΐνης και μιδαζολάμης) με αποτέλεσμα την επιτυχημένη αντιμετώπιση του

μεταστατικής αιτιολογίας πόνου σε καρκινοπαθή που δεν απαντούσε σε διαδερμική χορήγηση 200 µg/h fentanyl.

5. **Σ. Μεντζελόπουλος**, Κ. Ρωμανά, Μ. Τζούφη, Δ. Κορολιάνογλου, Ε. Καραμιχάλη. Συγκριτική αξιολόγηση μεταξύ ροπιβακαΐνης-κλονιδίνης και ροπιβακαΐνης-placebo στην αντιμετώπιση του οξέος μετεγχειρτικού πόνου. **Ελληνική Αναισθησιολογία** 2001;34.
Ελεγχόμενη Τυχαιοποιημένη Κλινική Μελέτη: Συγκρίθηκαν η μετεγχειρητική επισκληρίδιος έγχυση ροπιβακαΐνης-placebo και ροπιβακαΐνης-κλονιδίνης σε μετεγχειρητικούς ασθενείς υποβληθέντες σε μείζονες επεμβάσεις θώρακος και κοιλίας. Η δόση της κλονιδίνης ήταν 50 µg. Τα αποτελέσματα έδειξαν αυξημένη αποτελεσματικότητα του αναλγητικού σχήματος ροπιβακαΐνης-κλονιδίνης χωρίς ιδιαίτερες συνοδές ανεπιθύμητες ενέργειες από την κλονιδίνη.
6. **Σ. Μεντζελόπουλος**, Σ. Ζακυνθινός, Χ. Ρούσσοι. Καρδιοαναπνευστική Αναζωογόνηση – Νέοι Ορίζοντες. Νοσοκομειακά Χρονικά 2009: **Ανασκόπηση των τελευταίων θεραπευτικών εξελίξεων στον τομέα της αντιμετώπισης της καρδιακής ανακοπής.**
7. Papastylianou AC, **Mentzelopoulos SD**. Advances in Post-Resuscitation Care: the Role of Therapeutic Hypothermia. Hospital Chronicles 2010;5:138-145. **Ανασκόπηση για τη χρήση της θεραπευτικής υποθερμίας.**

ΑΚΟΙΝΩΣΕΙΣ ΣΕ ΕΛΛΗΝΙΚΑ ΣΥΝΕΔΡΙΑ

- 1) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Ν. Χαρίση, Β. Γεωργακοπούλου, Χ. Φορούλης, Π. Τόμος, Γ. Κωνσταντοπούλου, Α. Τράγου, Σ. Κάκαρης, **Σ. Μεντζελόπουλος**, Γ. Βογιατζής. Σύγκριση περιεγχειρητικών δεδομένων σε λοβεκτομή για καρκίνο πνεύμονα. Ο αερισμός ενός ή δύο πνευμόνων και η θέση της χειρουργικής προσπέλασης επηρεάζουν την έκβαση. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 2) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Γ. Βογιατζής, Β. Γεωργακοπούλου, Ν. Χαρίση, Α. Λιούλιας, **Σ. Μεντζελόπουλος**, Δ. Κακαλιούρας, Ε. Κούβελα. Πρόταση ενός απλού συστήματος αερισμού ασθενών κατά τη διάρκεια παρατεταμένης βρογχοσκόπησης με άκαμπτο βρογχοσκόπιο. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 3) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Β. Γεωργακοπούλου, Ν. Χαρίση, Π. Τόμος, Χ. Φορούλης, **Σ. Μεντζελόπουλος**, Π.Καρρός, Σ. Κάκαρης, Κ. Μπάλλου, Γ. Βογιατζής. Συγκριτική ανάλυση περιεγχειρητικών παραμέτρων σε πνευμονεκτομή για καρκίνο πνεύμονα. Ο αερισμός ενός ή δύο πνευμόνων και η θέση της χειρουργικής προσπέλασης επηρεάζουν την έκβαση. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 4) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Γ. Βογιατζής, Ν. Χαρίση, Β. Γεωργακοπούλου, Α. Τράγου, **Σ. Μεντζελόπουλος**, Κ. Κυριάκης. Αδυναμία ελέγχου του αεραγωγού με τη λαρυγγική μάσκα. Μετα-ανάλυση δεδομένων. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 5) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Γ. Βογιατζής, Κ. Κυριάκης, **Σ. Μεντζελόπουλος**, Ν. Χαρίση, Β. Γεωργακοπούλου, Μ. Γιαννάτου. Μετα-ανάλυση της πιθανότητας δύσκολης στοματοτραχειακής διασωλήνωσης στο γενικό πληθυσμό. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 6) **12^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 21-25 Μαΐου 1997, Ρόδος.** Α. Τράγου, **Σ. Μεντζελόπουλος**, Γ. Κωνσταντοπούλου, Β. Ανδρονάδη, Β. Γεωργακοπούλου, Ν. Χαρίση, Γ. Βογιατζής. Ο ρόλος της κλονιδίνης στην καταστολή του τραχειολαρυγγικού αντανακλαστικού. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.
- 7) **13^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 12-16 Μαΐου 1999-Κως:** **Σ. Μεντζελόπουλος**, Μ. Τσίτσικα, Μ. Μπαλανίκα, Μ. Τζούφη, Π. Γιαννακόπουλος, Δ. Δίπλας, Ε. Καραμιχάλη. Η υποβοηθούμενη από αεροθάλαμο λαρυγγοσκόπηση μειώνει το βαθμό δυσκολίας της άμεσης λαρυγγοσκόπησης. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

8) **13^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 12-16 Μαΐου 1999-Κως:** Κ. Ρωμανά, Κ. Αυγουστάτου, Μ. Λατσώνα, **Σ. Μεντζελόπουλος**, Ε. Γράνη, Π. Μακαρούνας, Ε. Καραμιχάλη. Επίδραση της διήθησης της χειρουργικής τομής με βουπιβακαΐνη στο μετεγχειρητικό πόνο σε επεμβάσεις μέσης διάρκειας. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

9) **13^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 12-16 Μαΐου 1999-Κως:** Δ. Δίπλας, Τ. Δήμου, **Σ. Μεντζελόπουλος**, Χ. Ασμαντζή, Ε. Καραμιχάλη. Ελάχιστη αποτελεσματική συγκέντρωση βουπιβακαΐνης σε συνεχή επισκληρίδιο έγχυση για αναλγησία μετά θωρακοτομή. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

10) **13^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 12-16 Μαΐου 1999-Κως:** Μ. Μπαλανίκα, Μ. Τσίτσικα, Δ. Κορολιάνογλου, **Σ. Μεντζελόπουλος**, Μ. Βεζυργιάννης, Ε. Γράνη, Ε. Καραμιχάλη. Η επίδραση της χορήγησης ρεμιφεντανύλης στην καρδιαγγειακή απάντηση στη λαρυγγοσκόπηση και διασωλήνωση της τραχείας. Συγκριτική μελέτη με φεντανύλη. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

11) **13^ο Πανελλήνιο Συνέδριο Αναισθησιολογίας, 12-16 Μαΐου 1999-Κως:** Π. Γιαννακόπουλος, Χ. Φαφλιά, Α. Κριθαρά, **Σ. Μεντζελόπουλος**, Π. Μακαρούνας, Ε. Γαλανάκη. Η χρήση της ρεμιφεντανύλης στη μικροχειρουργική λάρυγγος. Σύγκριση με αλφεντανύλη. Η Περίληψη δημοσιεύθηκε στο αντίστοιχο Βιβλίο Περιλήψεων.

SPYRIDON MENTZELOPOULOS

I. GENERAL INFORMATION

Date of Birth: 21/11/1964
Place of Birth: Athens
Nationality: Greek
Military Service: Medical Doctor (9/1992-4/1994)
Country Service: 7/1994-12/1995
Current Position: Associate Professor of Intensive Care Medicine, University of Athens Medical School, First University Department of Intensive Care Medicine, Evaggelimos General Hospital, Athens, Greece.

II. EDUCATION

1976-1982 High School, Lyceum, Varvakios Model School, Athens.
 1984 -1992 University of Athens Medical School.
 9/1993-4/1994 Specialty training in Psychiatry (414 Military Hospital, Athens).
 12/1995-5/1996 Specialty training in Pulmonary Medicine, Venizeleion Hospital, Iraklion, Crete.
 6/1996-9/1996 Specialty training in Pulmonary Medicine, Sotiria General Hospital, Athens.
 10/1996-5/1997 Specialty training in Anesthesiology, Sotiria General Hospital, Athens.
 5/1997-4/1998 Specialty training in Anesthesiology, St. Savvas Hospital, Athens.
 6/1998-9/2001 Specialty training in Anesthesiology, Evaggelimos General Hospital, Athens.
 2/2002-5/2003 Consultant in Intensive Care Medicine, Henry Dunant General Hospital, Athens.
 5/2003-12/2003 Consultant in Pediatric Cardiac Anesthesiology, St. Sofia Hospital, Athens.
 12/2003-9/2005 Consultant in Intensive Care Medicine, Attikon University Hospital, Athens.
 9/2005-3/2010 Lecturer in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evaggelimos General Hospital, Athens.
 11/2007-3/2008 Visiting Scholar, University of Minnesota, Division of Pulmonary Diseases, Pulmonary and Critical Care Medicine, Regions Hospital, St. Paul, MN, Director: Marini JJ, Professor of Medicine.
 3/2010-to-3/2015: Assistant Professor in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evaggelimos General Hospital, Athens.

3/2015-to-date: Associate Professor in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evangelismos General Hospital, Athens.

III. DIPLOMAS

- 12/5/1992 Medical Doctor, University of Athens, Grade: Very Good.
- 30/8/2001 European Diploma in Anesthesiology and Intensive Care (European Academy of Anesthesiology).
- 29/2/2004 PhD, University of Athens. Grade: Excellent. **SUBJECT:** «Effects of Changes in Tidal volume, Flow, and Body Position on the Mechanics of the Lung and Chest Wall in Patients with Chronic Obstructive Pulmonary Disease (COPD) and the Acute Respiratory Distress Syndrome (ARDS)»
- 26/6/2006 European Diploma in Intensive Care Medicine (European Society of Intensive Care Medicine).
- 16/11/2016 Intensive Care Medicine Additional Specialty in Greece

IV. LICENSURE

- 6/1992 Medical Practitioner
- 12/2001 Specialist in Anesthesiology

V. HOSPITAL AND UNIVERSITY SPECIALIST POSTS

A. Hospital

- 2002-2003 Consultant in Intensive Care Medicine, Henry Dunant Hospital, Athens
- 2003 Consultant in Pediatric Cardiac Anesthesiology, St. Sofia Hospital, Athens
- 2003-2005 Consultant in Intensive Care Medicine, Attikon University Hospital, Athens

B. University

- 2005-2010 Lecturer in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evangelismos General Hospital, Athens.
- 2010-2015 Assistant Professor in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evangelismos General Hospital, Athens.
- 2015-to-date Associate Professor in Intensive Care Medicine, First University Department of Intensive Care Medicine, Evangelismos General Hospital, Athens.

VI. MEMBER OF SCIENTIFIC SOCIETIES

International

European Society of Intensive Care Medicine, European Academy of Anesthesiology,

European Resuscitation Council.

VII. AWARDS AND DISTINCTIONS

Awards

- 1998 Second best Abstract, The Mediterranean and Balkan Congress of Regional Anaesthesia and Pain Therapy.
- 2003 "European Respiratory Society COPD Local Research Award 2003" for Greece.
- 2007 Educational and Research Award of the Greek Society of Intensive Care Medicine.
- 2011 The 24th Annual Congress of the European Society of Intensive Care Medicine, Berlin, Germany, October 1-5, 2011. **Award Winning Abstract No. 416.** Intensive Care Med 2011; 37 [Suppl 2]: S109.
- 2017 Editorial Board Member, Resuscitation [Impact Factor = 5.86].
- 2019 **Appointment as First Author for the European Resuscitation Council Guidelines 2020 on the Ethics of Resuscitation and End-of-Life Decisions.**
- 2019 **Appointment as Co-author for the Executive Summary of the European Resuscitation Council Guidelines 2020.**

VIII. PARTICIPATION IN SCIENTIFIC CONGRESSES

A. Participation in Meetings as Abstract Presenter

International Congresses, No. 25

Greek Congresses, No. 2

B. Invited Congress Lectures

Greek Congresses, No. 18 plus 2 Chairings at the 16th and 17th Panhellenic Congress of Intensive Care, and plus 1 Chairing at the EEKAA Congress 2017

Roundtable Discussions (in Greek Congresses), No. 2

International Congresses: No. 8 plus 2 scheduled Lectures and 1 Chairing within 2019

Examples of invited Lectures:

- **28th International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium, March 18-21, 2008. Title of Lecture 1: Use of vasopressin and steroids. Speaker: Spyros Mentzelopoulos. Title of Lecture 2: HFO with tracheal insufflation? Speaker: Spyros Mentzelopoulos.**
- **The 12th International Interdisciplinary State-of-the-Art Congress, Megaron Athens International Conference Center, Athens, April 11-13, 2008. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: High Frequency Oscillation in ARDS.**

- **The 13th International Interdisciplinary State-of-the-Art Congress, Hilton Athens Hotel, Athens, April 2-4, 2009. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Vasopressin and Steroids in Inhospital Cardiac Arrest.**
- **The Second ECCRN Clinical Trials Meeting, Brussels, Belgium, May 5-6, 2011. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Effect of intermittent high-frequency oscillation on the pathophysiology and survival of patients with acute respiratory distress syndrome (ARDS)-**
- **The Weil Conference on Cardiac Arrest, Shock, and Trauma, Milan, Italy, September 8-9, 2012. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Corticosteroids during CPR: A Prospective Study.**
- **The 2012 Resuscitation Science Symposium, Los Angeles, CA, November 3-4, 2012. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Potential Contribution of Corticosteroids to Positive Cardiac Arrest Outcomes.**
- **The Intercontinental HFO Alliance Meeting, London, United Kingdom February 20-21, 2013. Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Synopsis of prior Trial; Title of Lecture 2: Synopsis of Ongoing Trial.**
- **Resuscitation 2015: Guidelines Congress Prague, October 29 to 31, Prague, Czech Republic. Speaker Spyros Mentzelopoulos. Title of Lecture 1: Ethics and Emergency Care Trials.**
- **Resuscitation 2017: Freiburg (Breisgau) September 28 to 30, Freiburg (Breisgau), Germany. Speaker Spyros Mentzelopoulos. Title of Lecture 1: Patient autonomy in Europe: the law and the practice (living will, patient preferences).**

Scheduled Lecture 1: Resuscitation 2019: Ljubljana, Slovenia, September 19 - 21, 2019. **Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Ethical challenges of resuscitation.**

Scheduled Chairing: Resuscitation 2019: Ljubljana, Slovenia, September 19 - 21, 2019.

Session: Ethical challenges Chaired by: Leo Bossaert & Spyros Mentzelopoulos.

Scheduled Lecture 2: Swedish Congress on CPR and First Aid in Stockholm on the 24-25th of September 2019. **Speaker: Spyros Mentzelopoulos. Title of Lecture 1: Vasopressin, Steroids, and Epinephrine in Cardiac Arrest [Vasopressin, Kortison och adrenalin vid hjärtstopp]**

C. Oral Presentations of Abstracts: International Congresses: 3:

- 1) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009. Speaker: Spyros Mentzelopoulos. High-frequency oscillation and tracheal gas insufflation for severe acute respiratory distress**

syndrome: results from a single-center, phase II, randomized controlled trial [NCT00416260].

2) **22nd European Society of Intensive Care Medicine Annual Congress – Vienna, Austria – 11–14 October 2009.** Speaker: Spyros Mentzelopoulos. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest.

3) **24th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 1–5 October 2011.** Speaker: Spyros Mentzelopoulos. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest: Results from a three-center, randomized controlled trial [NCT00729794].

IX. PEER REVIEW WORK

A. Invited Reviewer in

The LANCET
 JAMA Internal Medicine
 Intensive Care Medicine
 European Respiratory Journal
 ERJ Open Research
 Critical Care Medicine
 Chest
 Critical Care
 Resuscitation
 Scientific Reports
 International Journal of Cardiology
 Anesthesia & Analgesia
 Respiratory Medicine
 World Journal of Gastroenterology
 BMC Pulmonary Medicine
 Cardiovascular drugs and therapy
 Journal of Critical Care
 British Journal of Clinical Pharmacology
 Biomed Research International
 Annals of Medicine
 Pulmonary Medicine
 Perioperative Medicine
 Journal of Clinical Anesthesia
 Future Cardiology
 Analgesia and Resuscitation

B. Author of Monographs and Book Chapters

PhD, 2004

Book Chapters: 1st Author in 4 Greek (total = 8 Greek Chapters) and 5

International (6 Chapters – First Author in 5 and Last Author in 1)

Medical Books. An additional Chapter is currently being authored for Springer-Verlag.

Examples include:

1) **S.D. Mentzelopoulos**, C. Roussos, and S. G. Zakyntinos. High Frequency Oscillation for Acute Respiratory Failure in Adults. In: Vincent JL, ed. The 2008 Yearbook of Intensive Care and Emergency Medicine. Springer-Verlag, Berlin – Heidelberg, Germany, 2008: 290-300.

2) **Spyros D. Mentzelopoulos**, and Spyros G. Zakyntinos. Pressure volume curves and body posture in acute respiratory failure. In: Esquinas A, ed. The 2008 Yearbook of Respiratory Care Clinics and Applied Technologies. Tipografia San Francisco, S.A, Murcia, Spain, 2008: 309-314.

3) **Spyros D. Mentzelopoulos**, and Eleni E. Magira. Genetic and clinical factors of antibiotic resistance in bacteria. In: Meszaros A, Balogh G, eds. Multiple Drug Resistance. Nova Science Publishers Inc., Hauppauge, NY, 2009: ISBN: 978-1-60741-595-4.

4) **Spyros D. Mentzelopoulos**, Kalliopi Athanassiadi, Iosifina Kolliantzaki. Tracheal stenosis. In: Singh-Radcliff N, ed. The 5-Minute Anesthesia Consult. Lippincott Williams & Wilkins. Philadelphia, PA, 2012: 876-877.

5) Iosifina Kolliantzaki, Spyros Zakyntinos, **Spyros D. Mentzelopoulos**. The potential contribution of corticosteroids to positive cardiac arrest outcomes. In: Gullo A, Ristagno G, eds. Resuscitation, Translational Research, Clinical Evidence, Education, Guidelines. Springer-Verlag, Milan, Italy, 2014: 143-155.

6) **Spyros D. Mentzelopoulos**, George Karlis, Ioannis N. Pantazopoulos, Charikleia Vrettou. Ventilation Strategies: High-Frequency Oscillatory Ventilation. In: Chiumello D, ed. Acute Respiratory Distress Syndrome. Springer International Publishing Switzerland 2017: 41-60.

Currently authored: **Spyros D. Mentzelopoulos**, Patients and teams caring for them: parallels between critical care and emergency medicine. In: Michalsen A, Danbury C, eds. Compelling Ethical Challenges in Critical Care and Emergency Medicine. Springer-Verlag.

X. CLINICAL WORK

During my 27-year (1992-2019) medical career, I continuously practice clinical Medicine, initially as trainee in Psychiatry (9 months in the context of my Military Service), Emergency Medical Practitioner (Country Service at the Health Center/Hospital of Neapolis, Crete), trainee in Pulmonary Medicine (9 months at the Venizeleion Hospital of Iraklion, Crete, and Sotiria Hospital, Athens), trainee in Anesthesiology (5 years at three central hospitals of Athens), Consultant in Pediatric Cardiac Anesthesiology (7 months at St. Sofia Hospital, Athens), Consultant in Intensive Care Medicine (Henry Dunant Hospital, Athens, 15 months and Attikon University Hospital, Athens, 2 years), and University Faculty Member (Lecturer/Assistant Professor/Associate) with full clinical duties (Department of Intensive Care Medicine, Evaggelismos Hospital, Athens, 13 years). Please note that I currently have Full Advanced Life Support Instructor Status of the European Resuscitation Council [Generic Instructor Course passed on May 16, 2015).

XI. ADMINISTRATIVE WORK

Over the past 7.5 years (12/2011-4/2019), I have been Lead Clinician of ICU-2 of Evaggelismos Hospital. This departmental subdivision has 15-17 beds and features of a General Intensive Care Unit. My duties comprised Autonomous Therapeutic Decisions for the patients and care for the supply of equipment needed for the smooth and productive operation of ICU-2. Since April 1, 2019, I am Lead Clinician of ICU-1, which has 12 beds. My ICU-1 duties are the same as the aforementioned for ICU-2.

XII. TEACHING WORK

A. Undergraduate education

For 14 years (2005-to-date), clinical and theoretical teaching of Intensive Care Medicine to medical students of the University of Athens. Subjects: "Cardiopulmonary Resuscitation", "Mechanical Ventilation", "Acute Respiratory Distress Syndrome".

B. Postgraduate education

Briefly, between 2004 and 2019, I participated as a Trainer / Speaker in the following Postgraduate Programs or Educational Seminars: 1] "Pharmacokinetics of

Anesthetic Drugs", Second Department of Anesthesiology of the University of Athens, Year 2004, 2] "Primary Health Care" of the Department of Intensive Care Medicine of the University of Thessaly, Academic Year 2006, 3] Interdisciplinary Seminar in Ioannina 2007 and Athens (Zappeion) 2008, 4] Continuing Medical Education Lecture at Hennepin Medical Center, Minnesota USA, 2008, 5] Hellenic Intensive Care Society Conference on International Guidelines on Shocking 2009, 6] Postgraduate Seminars in Pneumology, 2009-2013, 7] Annual Graduate Seminars of the Department of Intensive Care Medicine of the University of Thessaly, 2011-2018, 8] Hellenic Society of Cardiopulmonary Resuscitation (EEKKA) Conferences 2014, 2016 (Chairman), 2018, 9] Postgraduate Seminars "Cardiopulmonary Resuscitation " of EEKKA 2016, 2017 10] Congresses of Hellenic Intensive Care Society 2010 (Lecture), 2014 (Lecture), 2016 (Chairman), and 2018 (Chairman).

More detailed examples of systematic educational obligations are as follows: I gave 4 lectures [Proportional Assist Ventilation (PAV), Novel Techniques of Respiratory Support - High Frequency Oscillation (HFO), Conventional Mechanical Ventilation in Specific Diseases – ARDS] at the Seminar of Mechanical, March 13-14, 2009, organized by Associate Professor Th. Vassilakopoulos. Since then and between 2010 and 2013, at the same annual seminar, I have given 4 more lectures (1 per year) on High Frequency Oscillatory Ventilation.

I undertook the course of Cardiopulmonary Resuscitation as well as the Airway Management course for the "Postgraduate Program: Intensive Care Therapy - Cardiology Nursing" organized by Professor Stephanadis (Academic Years 2007-8, 2008-9, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2016-2017).

I have taken part in the Advanced Life Support (ALS) Provider Courses of December 12-13, 2015; November 9-10, 2016; and July 6-7, 2018; Courses were organized in Athens under the aegis of the European Resuscitation Council (ERC).

During the academic years 2016-2017, 2017-2018, and 2018-2019, I took part as Trainer / Speaker in the following Postgraduate Seminars: 1] "Respiratory Disturbances during Sleep-Laboratory and Clinical Sleep Medicine" (2016-2019), and 2] "Cardiopulmonary Rehabilitation and Rehabilitation of ICU Patients" (2017/2018 and 2018/2019). Finally, I gave 2 lectures: 1 lecture entitled "ARDS with severe hypoxemia - what we do? " at the 2nd Educational Symposium "Hot Topics in Intensive Care" of the First Department of Intensive Care Medicine of the University of Athens; and 1 lecture entitled "Severe ARDS" at the 4th Educational Symposium "Hot Topics in Intensive Care" of the First Department of Intensive Care Medicine of the University of Athens.

C. PhDs

Participation in the 3-Faculty Member PhD-Oversight Committee of 8 PhDs, and participation in the 7-Faculty Member PhD-Awarding Committee of 5 PhDs (**University of Athens Medical School**). Awarded PhDs: Iosifina Kolliantzaki [Subject: **Evaluation of Organ Failures after In-hospital Cardiac Arrest Grade: "Excellent"**], Androula Papastylianou [Subject: **Comparative Evaluation of the effect of the combination of Vasopressin, Epinephrine, and Methylprednisolone on the Survival after Cardiac Arrest. Grade: "Excellent"**], Sotiria Gkisioti [Subject: **Comparative Evaluation of the Inflammatory Response after Cardiac Arrest in Patients treated with combined Vasopressin, Epinephrine, and Methylprednisolone vs. those treated with Epinephrine-placebo-placebo during Cardiopulmonary Resuscitation. Grade: "Excellent"**]. Sotirios Malachias [Subject: **Effect of Mechanical Ventilation with Low Tidal Volumes, of High Frequency Oscillation and of the Combination of the latter with Tracheal Gas Insufflation on the Respiratory and Cardiovascular Variables in the Acute Respiratory Distress Syndrome. Grade: "Excellent"**]. Charikleia Vrettou [Subject: **Mechanical Ventilation of Patients with the Technique of High Frequency Oscillation and Tracheal Gas Insufflation. Grade: "Excellent"**]. Maria Theodoridou [Subject: **Computerized Tomography in the Acute Respiratory Distress Syndrome. Grade: "Excellent"**] Josephine Kolliantzaki [Subject: **Evaluation of Organ Failures after Inhospital Cardiac Arrest "Excellent"**].

PHD currently being authored under my supervision: PHD student: Hector Aninos [Title: Comparison of cardio-respiratory variables among low-frequency high-frequency oscillation with or without tracheal gas insufflation and high-frequency high-frequency oscillation in patients with the Acute Respiratory Distress Syndrome (ARDS)]. The results of this work have been published in original article No. 34.

D. Educational Authorships

1) First or senior Author of 7 Review Articles and 1 Editorial in English (Publications Nos. 46-53), 2) Selection and re-publication in abstract form of Publication No. 38 in the Continuing Medical Education Journal AnesthesiaFile (March 1999 Issue); Publication No.38 was selected by the Danemiller Memorial Educational Foundation Advisory Board, 3) First Author of 6 chapters for the Greek text-book "Intensive

Therapy" (Editor: C. Roussos), 1 chapter for the Greek text-book "Pulmonary Medicine" (Editor: C. Roussos), and 1 chapter for the Greek handbook "Basic Settings in Mechanical Ventilation" (Editor: T. Vassilakopoulos) 4) First or senior Author of 6 chapters for English-language, Medical textbooks or handbooks [Publications Nos. 72-77] 5) First or Senior (Last) Author of 4 Review Articles for the official journal of Evaggelismos Hospital Scientific Society ["HOSPITAL CHRONICLES 2009; 71(Suppl 1):59-65; "HOSPITAL CHRONICLES 2010; 5(3):138-145; HOSPITAL CHRONICLES 2014;9(2):1-16; HOSPITAL CHRONICLES 2014; 9(4):236-50]."

E. Member of the Examination Committee of the European Diploma of Anesthesiology and Intensive Care (EDAIC Part II Examination, Athens, Greece, September 13-14, 2013).

XIII. RESEARCH WORK

1. Publications in Greek Medical Journals – No. of full-text Articles: 7

2. No. of International Congress Abstracts: 52

First Author: 33

Second Author: 6

Last (Senior) Author: 5

3. Full – text Publications in English language, Medical Journals or Books

a) No. of Book Chapters: 6

b) No. of Review Articles / Guidelines / Editorials: 10 (8 in an indexed journal with an impact factor)

c) No. of Original Articles in Pubmed-indexed Journals with an Impact Factor (IF): **34**

First Author: 21

Second Author: 3

Last (senior) Author: 3

Basic Research: 3

Clinical Research: 31

d) No. of Original Articles (in Journals without an IF): **1**

e) No. of Case reports/studies: **8**

f) No. of Letters to the Editor: **18**

g) Total no. of full-text Articles in Pubmed-indexed Journals with an IF: **69**

Subject, n (%) :

Intensive Care Medicine: 54 (78.3%)

Anesthesiology: 15 (21.7 %)

Articles written abroad, n (%): 1 (1.5 %)

Articles written in Greece, n (%): 68 (98.5 %)

h) Patents: International publication Number WO 98/19589, United States Patent No.: 6,251,069 B1, European Patent No.: 0944346 B1, and Greek Patent No. 1002809.

i) Sum of No. of Articles in Pubmed-indexed Journals with an IF (h), Chapters in English-language Medical Books (a) and Medical Technology Articles (i): **80**.

Impact Factor (IF)

Total IF of all published, English language Journal Articles: **654.02**

Total IF of Original Articles and Review Articles: **425.24**

Total IF of Original Articles: **401.27**

Total IF of Original Articles as First, Second, or Last Author: **348.22**

Average IF (Total IF / No. of Published Articles): **654.02 / 70 = 9.34**

Average IF of Original and Review Articles: **425.24 / 45 = 9.45**

Average IF of Original Articles: **401.27 / 35 = 11.47**

Personal, total IF: **392.56**

(Personal IF = 1st or Last Author: IF x 1, 2nd Author: IF x 0.5, 3rd Author: IF x 0.33,
Other Authorship Position: IF x 0.25)

Personal IF of Original and Review Articles: **334.95**

Personal IF of Original Articles: **303.01**

Literature Citations (Citation Index, CI)

Total number of citations: **1259** (Scopus) **1899** (Google Scholar) – after deduction of citations / articles in which I am a nonauthor contributor).

Total number of citations of Original and Review Articles: **1124**

Total number of citations of Original Articles: **939**

Total number of citations of Original Articles as First, Second, or Last Author: **656**

Total number of personal citations (personal CI): **866**

(Personal CI: 1st or Last Author: CI x 1, 2nd Author: CI x 0.5, 3rd Author: CI x 0.33,
Other Authorship Position: CI x 0.25)

Personal CI of Original and Review Articles: **773**

Personal CI of Original Articles: **704**

h-index: 18 (Scopus)

6. Brief Outline of the Research Work

My research work has been conducted almost exclusively in Greece and focuses on the following fields:

1. Respiratory Mechanics and novel ventilatory strategies

In association with my PhD, I have published 5 clinical studies as First Author (Publications Nos. 4, 6, 8, 11, and 12). These studies provided evidence for the beneficial effect of the prone position on respiratory mechanics in severe Acute Respiratory Distress Syndrome (ARDS), as well as in severe exacerbations of Chronic Obstructive Pulmonary Disease (COPD). Publication No. 4 was awarded by the European Respiratory Society; this was the first study that employed prone positioning in patients with Acute Respiratory Failure due to severe COPD exacerbation. The aforementioned 5 studies have received a total of **116** citations. In addition, I have written a relevant chapter in an English-language medical book (Publication No. 73). My current research in the field of Mechanical Ventilation focuses on the combining of High Frequency Oscillation (HFO) with Tracheal Gas Insufflation (TGI) in the treatment of severe ARDS. I have published 6 original articles on this novel, ventilatory technique, 4 (with a total of **81** citations) as First Author (Publications Nos. 14, 18, 19, and 21) and 2 as Last (senior) Author (Publication Nos 25 and 27; total citations, **8**). From the aforementioned articles, Publication No. 21 reports the results of a randomized, clinical trial with 125 patients (NCT00637507 – www.clinicaltrials.gov). Lastly, I have written 2 relevant chapters in an English-language medical book (Publication Nos. 72 and 77).

2. Severe, hospital-acquired infections

I have published as First or Last Author 2 articles (Publications Nos. 5 and 15) that reported on determinants of candidemia and ventilator-associated, multidrug-resistant pneumonia. These 2 articles have received a total of **147** citations. I have also participated in the retrospective study that supported the re-introduction of colistin in routine clinical practice (Publication No. 7); this paper has received **205** citations. Lastly, I have co-authored a relevant chapter in an English-language medical book (Publication No. 74).

3. Airway Management – Difficult Endotracheal Intubation

I have been awarded 4 Patents (3 International – Publications Nos. 78-80 and 1 Greek) that describe a novel laryngoscope with a flexible blade carrying inflatable balloons on its concave surface. Data supporting the usefulness of balloon-assisted laryngoscopy with respect to the improvement in the laryngeal view and the minimization of cervical spine motion during airway management are reported in Publications Nos. 1-3 and 10. I have also published an Airway management-associated Review Article (Publication No. 46), a relevant chapter in an English language medical book (Publication No. 75), and several,

relevant case reports and letters to the Editor (Publications Nos. 37, 38, and 52-58). The aforementioned publications have received more than **60** citations (with patents included).

4. Cardiopulmonary Resuscitation

In 2009, I published as First Author {in *JAMA Intern Med [formerly Arch Intern Med]*} the results of a single-center, randomized, double blind study that showed an improved survival to hospital discharge in 100 patients treated with vasopressin, epinephrine and steroids or epinephrine/placebo after in-hospital cardiac arrest (Publication No. 16). The study has already received favorable comments and **102** citations. Furthermore, this research project has been awarded by the Greek Society of Intensive Care Medicine and its results have been presented in lectures given in International and Greek Congresses. In 2013, I published in *JAMA* as First Author the results of a three-center, randomized, double blind study that showed an improved survival with favorable neurological recovery in 268 patients treated with vasopressin, epinephrine and steroids or epinephrine/placebo after in-hospital cardiac arrest (Publication No. 26); the study has already received **106** citations. Both studies have been taken into account in the 2015 Resuscitation Guidelines of the American Heart Association. Lastly, I have co-authored a relevant chapter in an English-language medical book (Publication No. 76).

7. Funding of Research Proposals

- 2009** Evaluation of a New Technique of Mechanical Ventilation and Pressure-Volume Curves in the Acute Respiratory Distress Syndrome. National and Kapodistrian University of Athens Special Account for Research Grants, Protocol No. 2839 / 28.7.2008.
- 2010** Study of Activin-A Targeted at the Development of Novel Therapeutic and Prognostic Approaches for Sepsis and the Acute Respiratory Distress Syndrome. Greek Ministry of Education, 09ΣΥΝ-12-1075.
- 2010** Mechanical Ventilation of Patients with the Acute Respiratory Distress Syndrome with the use of High Frequency Oscillation and Tracheal Gas Insufflation.
"Heracleitos II": "Support of the Human Research Resources through PhD Studies of the National and Kapodistrian University of Athens» Act Category: 11.74.11.01.

ENGLISH LANGUAGE PUBLICATIONS

* indicates corresponding author # indicates study without Impact Factor

A. ORIGINAL ARTICLES (Peer Reviewed, Indexed in Pubmed µε IF)

1. **Mentzelopoulos SD***, Tsitsika M.V., Balanika M.P., Tzoufi M.J., and Karamichali E.A. Balloon laryngoscopy reduces head extension and blade leverage in patients with potential cervical spine injury. **Crit Care**. 2000;4:40-44. **IF = 6.43**, personal IF = **6.43**, CI = 3, personal CI = 3.
2. **Mentzelopoulos SD***, Romana C.N., Corolanoglou D.S., Tzoufi M.J., and Karamichali E.A.. Balloon versus Conventional Laryngoscopy: A Comparison of Laryngoscopic Findings and Intubation Difficulty in Elective Surgery Patients. **Anesth Analg**. 2000;91:1513-9. **IF = 3.46**, personal IF = **3.46**, CI = 5, personal CI = 5.
3. **Mentzelopoulos SD ***, Tzoufi M.J., and Papageorgiou E.P.. The Disposition of the Cervical Spine and Deformation of Available Cord Space with Conventional- and Balloon Laryngoscopy-Guided Laryngeal Intubation: A Comparative Study. **Anesth Analg**. 2001;92:1331-6. **IF = 3.46**, personal IF = **3.46**, CI = 4, personal CI = 4.
4. **Mentzelopoulos SD***, Zakyntinos S. G., Roussos C., Tzoufi MJ, Michalopoulos A. Prone Position Improves Lung Mechanical Behavior and Enhances Gas Exchange Efficiency in Mechanically Ventilated Chronic Obstructive Pulmonary Disease Patients. **Anesth Analg**. 2003; 96: 1756-67. **IF = 3.46**, personal IF = **3.46**, CI = 22, personal CI = 22.

Award winner of the “European Respiratory Society COPD Local Research Award 2003” for Greece.
5. Michalopoulos AS, Geroulanos S., and **Mentzelopoulos SD***.. Determinants of Candidemia and Candidemia-Related Death in Cardiothoracic ICU patients. **Chest**. 2003;124:2244-55. **IF = 7.65**, personal IF = **7.65**; CI = 88, personal CI = 88.
6. **Mentzelopoulos SD***, Roussos C, Zakyntinos SG. Prone position improves expiratory airway mechanics in severe chronic bronchitis. **Eur Respir J**. 2005;25:259-68. **IF = 12.24**, personal IF = **12.24**, CI = 8, personal CI = 8.
7. Michalopoulos AS, Tsiodras S, Rellos K, **Mentzelopoulos S**, Falagas ME. Colistin treatment in patients with ICU-acquired infections caused by multiresistant Gram-negative bacteria: the renaissance of an old antibiotic. **Clin Microbiol Infect**. 2005;11:115-21. **IF = 5.39**, personal IF = **1.35**, CI = 205, personal CI = 51.25.

8. **Mentzelopoulos SD***, Roussos C, Zakyntinos SG. Prone position reduces lung stress and strain in severe acute respiratory distress syndrome. **Eur Respir J.** 2005;25:534-44. **IF = 12.24**, personal IF = **12.24**, CI = 72, personal CI = 72.
9. Tzoufi M, **Mentzelopoulos SD**, Roussos C, Armaganidis A. The effects of nebulized salbutamol, external positive end-expiratory pressure, and their combination on respiratory mechanics, hemodynamics, and gas exchange in mechanically ventilated chronic obstructive pulmonary disease patients. **Anesth Analg.** 2005;101:843-50. **IF = 3.46**, personal IF = **3.46**, CI = 19, personal CI = 9.5.
10. **Mentzelopoulos SD***, Tzoufi M, Rellos K, Michalopoulos AS, Stamataki E, Roussos C, Zakyntinos SG. An evaluation of McCoy balloon laryngoscopy in patients with moderate-to-major endotracheal intubation difficulty. **Anesth Analg.** 2005;101:1233-7. **IF = 3.46**, personal IF = **3.46**, CI = 1, personal CI = 1.
11. **Mentzelopoulos SD***, Roussos C, Zakyntinos SG. Static pressure volume curves and body posture in acute respiratory failure. **Intensive Care Med.** 2005;31:1683-92. **IF = 15.01**, personal IF = **15.01**, CI = 12, personal CI = 12.
12. **Mentzelopoulos SD**, Sigala J, Roussos C, Zakyntinos SG. Static pressure volume curves and body posture in severe chronic bronchitis. **Eur Respir J.** 2006;28:165-74. **IF = 12.24**, personal IF = **12.24**, CI = 2, personal CI = 2.
13. Plachouras D, Routsis C, Giamarellos-Bourboulis EJ, Spyridaki E, Andrianakis E, **Mentzelopoulos S**, Tsaganos T, Floros I, Douzinas EE, Armaganidis A, Roussos C, Giamarellou H. Monocytes as a site of production of soluble triggering receptor expressed on myeloid cells-1 (sTREM-1) in the septic host. **Scand J Infect Dis.** 2006;38:909-15. **IF = 1.93**, personal IF = **0.48**, CI = 3, personal CI = 0.64.
14. **Mentzelopoulos SD***, Roussos C, Koutsoukou A, Sourlas S, Malachias S, Lachana A, Zakyntinos SG. Acute effects of combined high frequency oscillation and tracheal gas insufflation in severe acute respiratory distress syndrome. **Crit Care Med.** 2007;35:1500-8. **IF = 6.63**, personal IF = **6.63**, CI = 28, personal CI = 28.
15. **Mentzelopoulos SD***, Pratikaki M, Platsouka E, Kraniotaki H, Zervakis D, Koutsoukou A, Nanas S, Paniara O, Roussos C, Giamarellos E, Routsis C, Zakyntinos SG. Prolonged Use of Carbapenems and Colistin Predisposes to Ventilator-associated Pneumonia by Pandrug-resistant *Pseudomonas aeruginosa*. **Intensive Care Med.** 2007;33:1524-32. **IF = 15.01**, personal IF = **15.01**, CI = 59, personal CI = 59.
16. **Mentzelopoulos SD***, Zakyntinos SG, Tzoufi M, Katsios N, Papastylianou A, Gkisioti S, Stathopoulos A, Kollintza A, Stamataki E, Roussos C. Vasopressin, epinephrine, and corticosteroids for in-hospital cardiac arrest. **JAMA Intern Med**

- [formerly *Arch Intern Med*]. 2009;169:15-24. **IF = 19.99**, personal **IF = 19.99**, CI = 102, personal CI = 102.
17. Graf J, **Mentzelopoulos S**, Adams A, Zhang J, Tashjan J, Marini J. Semi-quantitative Tracking of Intra-Airway Fluids by Computed Tomography. **Clin Physiol Funct Imag.** 2009;29:406-13. **IF = 2.60**, personal **IF = 1.30**, CI = 11, personal CI = 5.5.
 18. **Mentzelopoulos SD***, Malachias S, Kokkoris S, Roussos C, Zakyntinos SG. Comparison of high frequency oscillation and tracheal gas insufflation versus standard high frequency oscillation at two levels of tracheal pressure. **Intensive Care Med.** 2010;36:810-6. **IF = 15.01**, personal **IF = 15.01**, CI = 15, personal CI = 15.
 19. **Mentzelopoulos SD***, Theodoridou M, Malachias S, Sourlas S, Exarchos D, Chondros D, Roussos C, Zakyntinos SG. Scanographic comparison of high frequency oscillation with vs. without tracheal gas insufflation in acute respiratory distress syndrome. **Intensive Care Med** 2011;37:990-9. **IF = 15.01**, personal **IF = 15.01**, CI = 13, personal CI = 13.
 20. **Mentzelopoulos SD***, Zakyntinos SG, Siempos I, Malachias S, Ulmer H, Wenzel V. Vasopressin for cardiac arrest: meta-analysis of randomized controlled trials. **Resuscitation.** 2012;83:32-9. **IF = 5.86**, personal **IF = 5.86**, CI = 33, personal CI = 33.
 21. **Mentzelopoulos SD***, Malachias S, Zintzaras E, Kokkoris S, Zakyntinos E, Makris D, Magira E, Markaki V, Roussos C, Zakyntinos SG. Intermittent recruitment with high-frequency oscillation/tracheal gas insufflation in acute respiratory distress syndrome. **Eur Respir J** 2012;39:635-47. **IF = 12.24**, personal **IF = 12.24**, CI = 25, personal CI = 25.
 22. Apostolou E, Stavropoulos A, Sountoulidis A, Xirakia C, Giaglis S, Protopapadakis E, Ritis K, **Mentzelopoulos S**, Pasternack A, Foster M, Ritvos O, Tzelepis GE, Andreacos E, Sideras P. Activin-A overexpression in the murine lung causes pathology that simulates acute respiratory distress syndrome. **Am J Respir Crit Care Med** 2012;185:382-91. **IF = 15.24**, personal **IF = 3.81**, CI = 30, personal CI = 7.50.
 23. Papastathi C, Mavrommatis A, **Mentzelopoulos S**, Konstandelou E, Alevizaki M, Zakyntinos S. Insulin-like Growth Factor I and its binding protein 3 in sepsis. **Growth Horm IGF Res** 2013;23:98-104. **IF = 1.83**, personal **IF = 0.61**, CI = 10, personal CI = 3.33.
 24. Zakyntinos S, Papanikolaou S, **Mentzelopoulos S**, Konstandelou E, Psachoulia C, Mavrommatis A. Procollagen type III aminoterminal propeptide as biomarker of host response in severe sepsis. **J Crit Care** 2013;28:577-85. **IF = 2.87**, personal **IF = 0.96**, CI = 3, personal CI = 1.

25. Vrettou CS, Zakyntinos SG, Malachias S, **Mentzelopoulos SD***. High frequency oscillation and tracheal gas insufflation in patients with severe acute respiratory distress syndrome and traumatic brain injury: an interventional physiological study. **Crit Care** 2013;17:R136. IF = 6.43, personal IF = 6.43, CI = 7, personal CI = 7.
26. **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. Vasopressin, steroids, and epinephrine and neurologically favorable survival after in-hospital cardiac arrest: a randomized clinical trial. **JAMA**. 2013;310:270-9. IF = 47.66, personal IF = 47.66, CI = 106, personal CI = 106.
27. Vrettou CS, Zakyntinos SG, Malachias S, **Mentzelopoulos SD**. The effect of high frequency oscillatory ventilation combined with tracheal gas insufflation on extravascular lung water in patients with acute respiratory distress syndrome: A randomized, crossover, physiological study. **J Crit Care**. 2014;29:568-73. IF = 2.87, personal IF = 2.87, CI = 5, personal CI = 5.
28. van Belle G, **Mentzelopoulos SD**, Aufderheide T, May S, Nichol G. International variation in policies and practices related to informed consent in acute cardiovascular research: Results from a 44 country survey. **Resuscitation**. 2015;91:76-83. IF = 5.86, personal IF = 2.93, CI = 19 personal CI = 9.5.
29. Karlis G, Iacovidou N, Lelovas P, Niforopoulou P, Papalois A, Siafaka I, **Mentzelopoulos S**, Xanthos T. Nifekalant Versus Amiodarone in the Treatment of Cardiac Arrest: an Experimental Study in a Swine Model of Prolonged Ventricular Fibrillation. **Cardiovasc Drugs Ther**. 2015;29:425-31. IF = 2.77, personal IF = 0.69, CI = 5, personal CI = 1.25.
30. **Mentzelopoulos SD***, Bossaert L, Raffay V, Askitopoulou H, Perkins GD, Greif R, Haywood K, Van de Voorde P, Xanthos T. A survey of key opinion leaders on ethical resuscitation practices in 31 European Countries. **Resuscitation**. 2016;100:11-7. IF = 5.86, personal IF = 5.86, CI = 16, personal CI = 16.
31. Nichol G, Brown SP, Perkins GD, Kim F, Sterz F, Elrod JA, **Mentzelopoulos S**, Lyon R, Arabi Y, Castren M, Larsen P, Valenzuela T, Grasner JT, Youngquist S, Khunkhlai N, Wang H, Ondrej F, Sastrias JM, Barasa A, Sayre M. What change in outcomes after cardiac arrest is necessary to change practice? Results of an international survey. **Resuscitation**. 2016 Aug 23. pii: S0300-9572(16)30404-X. doi: 10.1016/j.resuscitation.2016.08.004. IF = 5.86, personal IF = 1.47, CI = 3, personal CI = 0.75.
32. Meade MO, Young D, Hanna S, Zhou Q, Bachman TE, Bollen C, Slutsky AS, Lamb SE, Adhikari NKJ, **Mentzelopoulos SD**, Cook DJ, Sud S, Brower RG, Thompson

- BT, Shah S, Stenzler A, Guyatt G, Ferguson ND. Severity of Hypoxemia and Effect of High-Frequency Oscillatory Ventilation in Acute Respiratory Distress Syndrome. **Am J Respir Crit Care Med.** 2017;196:727-733. doi: 10.1164/rccm.201609-1938OC IF = 15.24, personal IF = 3.81, CI = 24, personal CI = 6.
33. **Mentzelopoulos SD***, Zakyntinos SG. Research Integrity, Academic Promotion, and Attribution of Authorship and Nonauthor Contributions. **JAMA.** 2017;318:1221-1222. doi: 10.1001/jama.2017.11790. IF = 47.66, personal IF = 47.66, CI = 2, personal CI = 2.
34. **Mentzelopoulos SD**, Anninos H, Malachias S, Zakyntinos SG. "Low-" versus "high"-frequency oscillation and right ventricular function in ARDS. A randomized crossover study. **J Intensive Care.** 2018 4;6:58. Citescore 2018 (<https://www.scopus.com/sourceid/21100469363?origin=sbrowse>) = 3.12, personal Citescore = 3.12, CI = 0, personal CI = 0.
35. **Mentzelopoulos SD***, Kolliantzaki I, Karvouniaris M, Vrettou C, Mongardon N, Karlis G, Kolliantzaki I, Makris D, Zakyntinos E, Sourlas S, Aloizos S, Xanthos T, Zakyntinos SG. Exposure to Stress-dose steroids and lethal septic shock after in-hospital cardiac arrest: individual patient data reanalysis of two prior randomized clinical trials that evaluated the vasopressin-steroids-epinephrine combination versus epinephrine alone. **Cardiovasc Drugs Ther.** 2018;32:639-641. IF = 2.77, personal IF = 2.77, CI = 0, personal CI = 0.

B. INTERNATIONAL GUIDELINES

36. Bossaert LL, Perkins GD, Askitopoulou H, Raffay VI, Greif R, Haywood KL, **Mentzelopoulos SD**, Nolan JP, Van de Voorde P, Xanthos TT; Collaborators. European Resuscitation Council Guidelines for Resuscitation 2015: Section 11. The ethics of resuscitation and end-of-life decisions. **Resuscitation.**2015;95:302-11. IF = 5.86, personal IF = 1.47, CI = 129, personal CI = 32.3.
37. Bossaert LL, Perkins GD, Askitopoulou H, Raffay VI, Greif R, Haywood KL, **Mentzelopoulos SD**, Nolan JP, Van de Voorde P, Xanthos TT. Ethics of resuscitation and end-of-life decisions section. **NOTFALL & RETTUNGSMEDIZIN** 2015;18:1035-47. IF = 0.64, personal IF = 0.16, CI = 4, personal CI = 1.

C. CASE REPORT STUDIES (Peer Review, Indexed in Pubmed)

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39. **Mentzelopoulos SD***, Romana C.N., Hatzimichalis A.G., Tzoufi M.J., and Karamichali E.A.. Anesthesia for Tracheal Resection: A New Technique of Airway Management in a Patient with Severe Stenosis of the Midtrachea. **Anesth Analg** 1999; 89:1156-60. **IF = 3.46**, personal **IF = 3.46**, CI = 15, personal CI = 15.
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50. **Mentzelopoulos SD**, Haywood K, Cariou A, Mantzanas M, Bossaert LL. Evolution of medical ethics in resuscitation and end of life. **Trends Anaesth Crit Care** 2016; 10: 7-14. **IF = 0** personal **IF = 0**, CI = 3, personal CI = 3.
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E. LETTERS TO THE EDITOR (Peer Review, Indexed in Pubmed)

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64. **Mentzelopoulos SD***, Vrettou CS, Zakyntinos SG. 11.Vasopressin versus terlipressin and low-dose versus high-dose steroids. **Pediatr Crit Care Med.** 2014;15:794-5. IF = 3.09, personal IF = 0, CI = 1, personal CI = 0.
65. **Mentzelopoulos SD***, Vrettou CS, Zakyntinos SG. Letter by **Mentzelopoulos** et al Regarding Article " β -Adrenergic Receptor-Mediated Cardiac Contractility Is Inhibited Via Vasopressin Type 1A-Receptor-Dependent Signaling". **Circulation.** 2015;132:e134. doi: 10.1161/CIRCULATIONAHA.114.013949. IF = 18.88, personal IF = 0, CI = 0, personal CI = 0.
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68. Bossaert LL, Perkins GD, Askitopoulou H, Raffay VI, Greif R, Haywood KL, **Mentzelopoulos SD**, Nolan JP, Van de Voorde P, Xanthos TT. Reply to Letter: Family presence during cardiopulmonary resuscitation: Evidence-based guidelines? **Resuscitation.** 2016;105:e7-8. IF = 5.86, personal IF = 0, CI = 0, personal CI = 0.
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F. CHAPTERS IN ENGLISH-LANGUAGE BOOKS

72. **S.D. Mentzelopoulos**, C. Roussos, and S. G. Zakyntinos. High Frequency Oscillation for Acute Respiratory Failure in Adults. The 2008 Yearbook of Intensive Care and Emergency Medicine. Vincent JL, ed. Springer-Verlag, Berlin

– Heidelberg, Germany, 2008: 290-300.

73. **Spyros D. Mentzelopoulos**, and Spyros G. Zakyntinos. Pressure volume curves and body posture in acute respiratory failure The 2008 Yearbook of Respiratory Care Clinics and Applied Technologies. Esquinas A, ed. Tipografía San Francisco, S.A, Murcia, Spain, 2008: 309-314.
74. **Spyros D. Mentzelopoulos**, and Eleni Magira. Genetic and Clinical Factors of Antibiotic Resistance in Bacteria. In: Meszaros A, Balogh G, eds. Multiple Drug Resistance. Nova Science Publishers, Inc., Hauppauge, NY, 2009. ISBN 978-1-60741-595-4.
75. **Spyros D. Mentzelopoulos**, Kalliopi Athanassiadi, Iosifina Kolliantzaki. Tracheal stenosis. In: Singh-Radcliff N, ed. The 5-Minute Anesthesia Consult. Lippincott Williams & Wilkins. Philadelphia, PA, 2012: 876-877.
76. Iosifina Kolliantzaki, **Spyros D. Mentzelopoulos**. The potential contribution of corticosteroids to positive cardiac arrest outcomes. In: Gullo A, Ristagno G, eds. Resuscitation, Translational Research, Clinical Evidence, Education, Guidelines. Springer-Verlag, Milan, Italy, 2013: 143-155.
77. **Spyros D. Mentzelopoulos**, George Karlis, Ioannis N. Pantazopoulos, Charikleia Vrettou. Ventilation Strategies: High-Frequency Oscillatory Ventilation. In: Chiumello D, ed. Acute Respiratory Distress Syndrome. Springer International Publishing Switzerland 2017: 41-60.

G. PATENTS (Peer Reviewed)

78. **International Patent Application. S. Mentzelopoulos, C. Ballas. Laryngoscope with a flexible blade.** International publication Number WO 98/19589, International Patent Classification A61B 1/267, International Publication date: 14 May 1998. **[indexed: <http://www.wipo.int/pctdb/en/wo.jsp?wo=1998019589>]**
79. **United States Patent No. : 6,251,069 B1, issued June 26th, 2001. [indexed: <http://v3.espacenet.com/publicationDetails/biblio?CC=EP&NR=0944346&KC=&FT=E>] Cited by 6 Patent Documents in Google Scholar.**
80. **European Patent No.: 0944346 B1, issued October 17th, 2001-Bulletin 2001/42. [indexed: <http://v3.espacenet.com/publicationDetails/biblio?CC=EP&NR=0944346&KC=&FT=E>]**

Journal and Impact Factor	Original Articles/Reviews(in Parentheses)/ Guidelines/Editorial s (in Brackets)	Case reports	Letters to the Editor	Total for each Journal
New Engl J Med	79.26		1	79.26
JAMA	47.66	2	1	142.98
JAMA Intern Med	19.99	1		19.19
Am J Respir Crit Care Med	15.24	2		30.48
Circulation	18.88		1	18.88
Eur Respir J	12.24	4		48.96
Chest	7.65	1		7.65
Intensive Care Med	15.01	4 (1)		75.05
Crit Care Med	6.63	1		6.63
Clin Microbiol Infect	5.39	1		5.39
Crit Care	6.43	2	1	19.29
Resuscitation	5.86	5 (1) [1]	2	52.74
Am J Hematol	5.30		5	5.30
Anesth Analg	3.46	5	7	58.82
Cardiovasc Drug Ther	2.77	2		5.54
Eur J Anaesthesiol	3.96		1	3.96
Curr Opin Anaesthesiol	2.58	(1)		2.58
Pediatr Crit Care Med	3.09		1	3.09
Mycoses	2.79		1	2.79
J Crit Care	2.87	2		5.74
Anticancer Drugs	1.81		1	1.81
Scand J Infect Dis	1.93	1	1	3.86
Clin Physiol Funct Imag	2.60	1		2.60
Growth Horm IGF Res	1.83	1		1.83
Heart Lung	1.92		1	1.92
Notfall & Rettungsmedizin	0.64	[1]		0.64
Emerg Med Int	0.52	(1)		0.52
J Intensive Care		1		
Open Access Emerg Med		(1)		
Trends Anaesth Crit Care		(1) [1]		
		35 (6) [4]	8	17
Impact Factor per Category		401.27 (24.97) [6.50]	24.89	196.39
Sum of Impact Factors				654.02

Impact Factor (IF)

Total IF of all published, English language Journal Articles: **654.02**

Total IF of Original Articles and Review Articles: **425.24**

Total IF of Original Articles: **401.27**

Total IF of Original Articles as First, Second, or Last Author: **348.22**

Average IF (Total IF / No. of Published Articles): **654.02 / 70 = 9.34**

Average IF of Original and Review Articles: **425.24 / 45 = 9.45**

Average IF of Original Articles: **401.27 / 35 = 11.47**

Personal, total IF: **392.56**

(Personal IF = 1st or Last Author: IF x 1, 2nd Author: IF x 0.5, 3rd Author: IF x 0.33,
Other Authorship Position: IF x 0.25)

Personal IF of Original and Review Articles: **334.95**

Personal IF of Original Articles: **303.01**

Literature Citations (Citation Index, CI)

Total number of citations: **1259** (Scopus) **1899** (Google Scholar) – after deduction of citations / articles in which I am a nonauthor contributor).

Total number of citations of Original and Review Articles: **1124**

Total number of citations of Original Articles: **939**

Total number of citations of Original Articles as First, Second, or Last Author: **656**

Total number of personal citations (personal CI): **866**

(Personal CI: 1st or Last Author: CI x 1, 2nd Author: CI x 0.5, 3rd Author: CI x 0.33,
Other Authorship Position: CI x 0.25)

Personal CI of Original and Review Articles: **773**

Personal CI of Original Articles: **704**

h-index: 18 (Scopus)

ABSTRACTS PRESENTED IN INTERNATIONAL CONGRESSES

- 1) **The Mediterranean and Balkan Congress of Regional Anaesthesia and Pain Therapy, Athens, 19-21 June 1998. S. Mentzelopoulos, E. Siniorkakis, and P. Bonoris.** Transdermal Fentanyl for Pain Control in Acute Myocardial Infarction. Abstract published in the corresponding Abstract Book.
- 2) **The 19th International Symposium on Intensive Care and Emergency Medicine, Brussels, 16-19 March, 1999: S. D. Mentzelopoulos, M.V. Tsitsika, M.P. Balanika, M.J. Tzoufi, and E.A. Karamichali.** Balloon laryngoscopy reduces head extension and blade leverage in patients with potential cervical spine injury. *Crit Care* 1999;3 (suppl 1): 3-4.
- 3) **The 21st Annual Meeting of the European Academy of Anaesthesiology, Budapest, August 26-28, 1999: M.P. Balanika, M.V. Tsitsika, S.D. Mentzelopoulos, C.N. Romana, and E.A. Karamichali.** Sevoflurane/Remifentanyl for endotracheal intubation without muscle relaxants; comparison with Propofol/Remifentanyl. *Anaesthesiology and Intensive Therapy*; 1999: 29 (suppl 2): 19: P 11.
- 4) **The 20th International Symposium on Intensive Care and Emergency Medicine, Brussels, 21-24 March, 1999: S.D. Mentzelopoulos, M.J.Tzoufi, and E.P. Papageorgiou.** A Comparison of the Effects of Conventional and Balloon Laryngoscopy on the Sagittal Dimensions of the Space Available for the Cord at the Level of the Occipitoatlantoaxial Complex. *Crit Care* 2000;4 (suppl 1):59-60.
- 5) **Fourth Bi-Annual International Symposium on Advanced Laparo-endoscopic Surgery, April 26-28, 1999, Athens. K. Romana, D. Roidi, M. Latsona, S. Mentzelopoulos, A. Chatzimichalis, A. Loutsidis, I. Bellenis, E. Karamichali.** Video-assisted Thoracic Surgery Versus Open Thoracotomy: Postoperative Analgesic Requirements. Abstract published in the corresponding Abstract Book.
- 6) **The 8th Annual Meeting of the European Society of Anaesthesiologists, Vienna 1-4 April 2000. S.D. Mentzelopoulos, C. Romana, D. Corolanoglou, P. Giannakopoulos, and E. Karamichali.** A Comparison of the Laryngoscopic Views obtained with a Standard and a Modified Curved Blade. *Eur J Anaesthesiol* 2000;17 (S19):173.
- 7) **The 15th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, Aarhus, 21-24 June 2000. C. Romana, S. Mentzelopoulos, D. Corolanoglou, M. Tsitsika, D. Roidi, A. Chatzimichalis, and E. Karamichali.** Intercostal Analgesia after Thoracic Surgery. *Br J Anaesth* 2000;84 (S1):17.
- 8) **The 22nd Annual Meeting of the European Academy of Anaesthesiology, Paris, France, 21-23 September, 2000 Paris. S. Mentzelopoulos, C. Romana, D.**

Corolanoglou, M. Tzoufi, P. Giannakopoulos, and E.A. Karamichali. Comparison of the laryngeal views obtained during conventional and balloon laryngoscopy. **Eur J Anaesthesiol** 2000; 17:785.

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10) **The 16th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, Weimar, 16-19 May, 2001.** K. Romana, S. Mentzelopoulos, K. Bare, D. Corolanoglou, S. Goletsis, A. Chatzimichalis, and E. Karamichali. Neuroendocrine and respiratory responses to video-assisted thoracic surgery vs. open thoracotomy. **Eur J Anaesthesiol** 2001; 18(S22):28.

11) **The 2001 Annual Congress of the European Respiratory Society, Berlin, September 22-26, 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of inspiratory work of breathing in ARDS patients. Effects of body position. **Eur Respir J** 2001;18(S33):317s.

12) **The 2001 Annual Congress of the European Respiratory Society, Berlin, September 22-26, 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of inspiratory work of breathing in COPD patients. Effects of body position. **Eur Respir J** 2001;18(S33):317s

13) **The 14th Annual Congress of the European Society of Intensive Care Medicine, Geneva, Switzerland, September 30th – October 3rd 2001.** S.D. Mentzelopoulos, C. Roussos, S. Zakyntinos. Partitioning of work of breathing in mechanically ventilated COPD patients: Effects of body position. **Intensive Care Med** 2001;27 (S2); S267.

14) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003.** A. Michalopoulos, S. Geroulanos, and S. Mentzelopoulos. Determinants of Candidemia and Candidemia-related Death in Cardiothoracic Intensive Care Unit Patients. Abstract published in the corresponding Abstract Book.

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inspiratory work in mechanically ventilated ARDS and COPD patients in three different body positions. Abstract published in the corresponding Abstract Book.

17) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003. S. Mentzelopoulos, S. Zakynthinos.** Body position and volume/flow dependence of respiratory mechanics in ARDS. Abstract published in the corresponding Abstract Book.

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19) **The 7th International Interdisciplinary State-of-the-Art Congress, Aegli, Athens, April 17-20, 2003. S. Mentzelopoulos, JM Sigala, S. Zakynthinos.** Body position and volume/flow dependence of respiratory mechanics in ARDS. Abstract published in the corresponding Abstract Book.

20) **The 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, Athenaeum Intercontinental Hotel, Athens, Greece, April 10-13, 2003. S. Prapas, K. Rellos, V. Kotsis, A. Sidiropoulos, J. Panagiotopoulos, P. Stratigi, F. Danou, E. Kouri, S. Mentzelopoulos, A. Michalopoulos.** Morbidity and mortality rates in patients undergoing off-pump coronary surgery without aortic manipulations. Abstract published in the corresponding Abstract Book.

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23) **The 14th ESPNIC (European Society of Paediatric and Neonatal Intensive Care) Medical and Nursing Annual Congress, Athens, Greece, November 20-23, 2003. A. Kourtosis, S. Mentzelopoulos, P. Stavropoulou, C. Mitzardidis, C. Paphitis, M. Azariadis, and E. Dragogia.** Fast tracking, cardiac anesthesia, and selection criteria. Abstract published in the corresponding Abstract Book.

24) **The 14th ESPNIC (European Society of Paediatric and Neonatal Intensive**

Care) **Medical and Nursing Annual Congress, Athens, Greece, November 20-23, 2003.** A. Kourtesis, P. Stavropoulou, **S. Mentzelopoulos**, C. Paphitis, M. Azariadis, and E. Dragogia. Serum lactate as predictor of successful fast tracking from cardiac anesthesia. Abstract published in the corresponding Abstract Book.

25) **17th European Society of Intensive Care Medicine Annual Congress – Berlin, Germany – 10–13 October 2004.** Tzoufi M J, **Mentzelopoulos S D**, Paramythiotou E, Tsagaris H, Armaganidis A. Comparative effects of two humidification devices on respiratory mechanics in three ICU populations. **Intensive Care Med 2004**; 30 [supplement 1]: S24.

26) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces transpulmonary pressure in acute respiratory distress syndrome. Abstract published in the corresponding Abstract Book.

27) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces transpulmonary pressure in acute respiratory distress syndrome. Abstract published in the corresponding Abstract Book.

28) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** M. Tzoufi, **S. Mentzelopoulos**, E. Paramythiotou, H. Tsagaris, A. Armaganidis. Effects of a heat and moisture exchanger (HME) and a heat and moisture exchanger filter (HMEF) on respiratory mechanics of three common ICU populations. Abstract published in the corresponding Abstract Book.

29) **The 8th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, May 7-9, 2004.** **S. Mentzelopoulos**, S. Zakyntinos. Prone position reduces airway resistance and dynamic pulmonary hyperinflation in mechanically ventilated patients with severe chronic bronchitis. Abstract published in the corresponding Abstract Book.

30) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 22-24, 2005.** D. Zervakis, F. Baziaka, **S. Mentzelopoulos**, M. Kontogeorgi, P. Koutoukas, S. Orfanos. Soluble triggering receptor expressed on myeloid cells is increased in patients with septic shock as compared to patients with sepsis and severe sepsis. Abstract published in the corresponding Abstract Book.

31) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens Concert Hall, April 22-24, 2005.** **S. Mentzelopoulos**, S. Zakyntinos. Static pressure volume curves and body posture in acute respiratory failure. Abstract published in the corresponding Abstract Book.

32) **The 9th International Interdisciplinary State-of-the-Art Congress, Athens**

Concert Hall, April 22-24, 2005. M. Tzoufi, **S. Mentzelopoulos**, C. Roussos, A. Armaganidis. Salbutamol and PEEP in obstructive lung disease. Abstract published in the corresponding Abstract Book.

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ABSTRACTS PRESENTED IN GREEK CONGRESSES

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