#### Resume



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### **EDUCATION**

-Fellowship of critical care medicine of United States certified (from 2012)

- Professor of Critical Care Medicine in SBMU (from 2007)

-Fellowship of critical care medicine (FCCM) in SBMU( from 2006)

-Medical manager of NRITLD Critical Care Unit (from Jan 2010)

-First Iranian Intensivist Member of society of critical care medicine (SCCM) from 2006

-Member of fellowship educational committee of SCCM from 2007-2010

-Member of FCCS committee of SCCM from 2011

-course director and instructor of FCCS (2010)

-Member of American Thoracic Society (ATS) from 2009

-Observer ship of cardiovascular anesthesiology in Texas Heart Institute (BCM) (USA) (jan2009)

-Member of European society of intensive care medicine (ESICM) (from 2006)

-ESICM H1N1 Registry Contributors (from 2010)

Member of MCCA (Middle East Critical Care Assembly) from 2010

-National Iranian board of anesthesiology, ShaheedBeheshti Medical University (september2001- august2004)

Doctor of Medicine Diploma, ShaheedBeheshti Medical University, (September 1990 - August 1997), Tehran, Iran.

.High School Diploma from ShahidBahonar, Tehran,Iran

### **RESEARCH AND PUBLICATIONS**

Writing, Persian translation and editing the following medical books:

- 1. Respirology journal reviewer (2008)
- 2. BMJ journal case report reviewer (2009,2010)
- 3. Tanaffos(NRITLD)Journal reviewer(from 2008)
- 4. Reviewer of 38th congress abstracts of SCCM (2009)
- 5. Reviewer of 39th congress abstracts of SCCM (2010)
- 6. Reviewer of 40th congress abstracts of SCCM (2011)
- 7. Translation of some chapter of Critical care medicine text book (Fink 2005)

- 8. Translation of SCCM/ASPEN Nutrition guideline 2009
- 9. Pretest and Review of Ophthalmology (publishing date : 2001)
- 10. Pretest and Review of Diagnostic Imaging (2000,editor)
- 11. Pretest and Review of Clinical Neurology (2000)
- 12. Pre-internship Examination (1999)

13. How to research in Medical Sciences (Proposal, Methodology & Statistics)(1999,editor)

14. Pretest & Review of Current Surgery (1998)

### writing and publishing these papers & seminar posters:

https://scholar.google.com/citations?user=2OuATjsAAAAJ&hl=en

- Ventilator-Associated Pneumonia: Evaluation of Etiology, Microbiology and Resistance Patterns in a TertiaryRespiratoryCenter, Tanaffos(2010) 9(1), 21-27
- Assessing the Performance of Two Clinical Severity Scoring Systems in the ICU of Tertiary Respiratory Disease Center, Tanaffos (2010) 9(3), 58-64
- 3. Preoperative Assessment of Mechanical VentilationRequirement after Surgical Treatment of Esophageal Cancer Tanaffos (2010) 9(1), 34-41
- 4. Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenza A infection, Intensive Care Med November ,2010 ,a member of ESICM H1N1 Registry Contributors
- Predictive Accuracy of Revised Geneva Score in the Diagnosis of Pulmonary Embolism Tanaffos (2009) 8(4), 7-13
- Retaining health manpower in developing countries The Lancet, <u>Volume</u> <u>374, Issue 9686</u>, Pages 291 - 292, 25 July 2009 doi:10.1016/S0140-6736(09)61364-7

# Nature

Volume:471,Pages:162–163 Date published:(10 March 2011)DOI:doi:10.1038/471162 a Published online 09 March 2011

# **Correspond letter to Geography: Islamic views of Earth <u>A. M. Celâl</u> <u>Sengör</u><sup>1</sup>**

7- A 28-year-old man with chronic cough and dyspnea (Photo quiz) Tanaffos (2007) 6(3), 75-78

8- A 47-Year- Old Woman with Chronic Relapsing Arthritis and New Onset Skin Lesions(photo quiz)(2007)6(1),81-83 NRITLD Tanaffos

9- Intrathecal administration of digoxin in rabbits. AnesthAnalg. 2007 Feb; 104(2):469.

10- Avicenna, Bronchoscopy, Analgesia and Analgesics, Tanaffos 2010, spring, Volume 9. Number 2.

11- Borage, a Forgotten Iranian Heritage Now Used in ARDS Treatment Tanaffos 2010

12- Prevalence of Oseltamivir-Resistant 2009 H1N1 Influenza Virus among Patients with Pandemic 2009 H1N1, Influenza infection in NRITLD, Tehran, Iran Tanaffos (2011) 10(1), 8-11 201126-

13- Errors in administration of parenteral drugs in intensive care units: multinational prospective study. (Study Investigator in SEE).BMJ. 2009 Mar 12; 338:b814. doi: 10.1136/bmj.b814.

14- Clinical Importance of Viral Respiratory Markers in a Referral Respiratory ICU, SCCM 2011 poster

15- Recalibration of APACHE II in a Respiratory Disease Referral Center SCCM 2011 Poster

16- "THE EVALUATION OF LOGISTIC-EUROSCORE FOR MORTALITY PREDICTION: IN IRANAN CARDIAC SURGERY PATIENTS "ESICM, Barcelona 2010

17- "ACUTE KIDNEY INJURY IN A MIX IRANIAN CRITICAL CARE UNITE, BASED ON AKI NETWORK ", ESICM, Barcelona 2010 18- Does TISS-28 predict the outcome of ICU patients in our respiratory care unit? ERS Barcelona 2010

19- BLOOD GLUCOSE DISTURBANCES IN BRIAN DEAD, ORGAN PROCUREMENT DONORS – A TWO YEAR STUDY AT MASIH DANESHVARI MEDICAL CENTER, TEHRAN, IRAN MESOT November 2008

20- ELECTROLYTE DISTURBANCES IN BRIAN DEAD, ORGAN PROCUREMENT DONORS – A TWO YEAR STUDY AT MASIH DANESHVARI MEDICAL CENTER, TEHRAN, IRAN, MESOT November 2008

21- Brain Death Training Course for Hospital Workers Could it Increase Donor Detection Rate? MESOT congress 2010

22- A comparison and assessment of performance of five mortality prediction system in an university ICU hospital in IRAN (NRITLD)", (SCCM's 38th Critical care Congress Nashville, USA,2009)

23- STUDY OF ICU OPERATIONAL INDICATORS IN IRAN (20th Annual Congress, ESICM, Berlin, Germany,2007)

24- The usefulness of Trans cranial Doppler in supra tentorial tumor in critical care units" 20th Annual Congress ESICM, Berlin, Germany, 2007

25- "comparative study of microbial infection in general ICU and poisoning ICU in Loghman hospital Aug 2004 No.54

26- Study of operational indicators in ShaheedBeheshty university of medical science(po232);13th world congress of anesthesiologists ,Paris April 18-23,2004.

27- "Study of need for intensive care unit after UROD(Ultra Rapid Opioid Detoxification) method po967);13th world congress of anesthesiologists ,Paris April 18-23,2004)

28- "The effect of manager specialty in ICU mortality rate (po 962;13th world congress of anesthesiologists, Paris April 18-23,2004

29- "Renal Transplant ", Baghiatallah Journal of Training, February 1997, No. 12.

30- "Cough ", Baghiatallah Journal of Training, March 1998, No. 1.

31- "Low Back Pain ", Asnaf Journal, August 1998, No.22.

32- "Peptic Ulcer & H-Pylori ", Asnaf journal, September 1998, No.23.

## **Doctoral Research Thesis:**

"A randomized controlled trial comparing the laryngeal mask airway &laryngeal tube in spontaneously breathing anesthetized patient in loghman hospital" ,2004.

"Research of Prevalence and kinds of Post-transplant Malignancy after Renal Transplantation (SCC, BCC

of skin and Lymphoma, etc.) inTaleghani Hospital ", 1997.

# WORK EXPERIENCE

1991-2001 working in my private medical office in Oshan (a village near Tehran)

1996-1997 training and doing my internship in Taleghani Hospital, Loghman Hospital, Boali Hospital, and Moddarres Hospital.

1994-1996 having been in a work-study program in Taleghani Hospital and Labafnezhad Hospital and Moddarress Hospital

1999 practicing general medical treatment in Haft Tir Hospital in Doroud, Lorestan, Iran

2000 Head of Siahrood Medical Clinic (three months)

2001 working as a medical researcher in Baghiatallah University (eleven months)

2001- 2004 working as a medical resident in Shaheedbeheshty University in operational rooms and ICU

2006-2007 Working as a Fellowship member in SBMU

2007-2011 Assist professor of anesthesiology of SBMU (MasihDaneshvari Hospital)

2008-2011 Fellowship educational responsible of SBMU

2008-2010 Mortality Committee member of NRITLD

2009-2010 Treatment committee of NRITLD

2009-2010 Board member of medical student Olympiad of SBMU

2009-2011 Pre board member of anesthesiologist department of SBMU

2011 Invited for professor walking round for poster section from SCCM

2010 Medical manager of MasihDaneshvari Hospital (NRITLD) Critical Care Units

### **VOLUNTEER Activities**

1995 cooperating in screening of esophagus cancer in Turkaman Port, Caspian Sea, Iran, Supervised by Dr. FarrokhSaeedi.

1996 Survey of the correlation between family-socio economic state & child malnutrition in north of Tehran

2006 Teaching Mechanical Ventilation, VTE& gastrointestinal problems in ICU for SBMU nurses.

2007-2008 Teaching bedside procedure to internal medicine and anesthesiology residents.

2008-2010 Teaching semiology for medical students.

### **CURRENT Projects**

2009-2010 AKI in masihdaneshvari Critical care patients

2009-2010 prevalence of viral VAP in masihdaneshvary critical care unite

2010 prevalence of thrombocytopenia in masihdaneshvary critical care unite

2010-2011 BNP is a good prognostic factor for weaning in critical care unite

### 2009-2010 TISS scoring in NRITLD ICU

#### 2009-2010 H1N1 in NRITLD

2009-2010 NUTRITION research with ASPEN

2010- Retrosternal goiter prognosis in NRITLD

2011- Delirium in NRITLD ICU

2011- Multidrug resistance VAP in Tehran critical care unites

# **CME** Courses

# 2010

H1n1 in critical care unites what we do in next pandemic?

Telemedicine, a new paradigm

Critical care morbidities mediastinal mass in critical care unites

Advance ventilation modes in PICU Massive blood transfusion

Indications of Portable mechanical ventilation

H1n1, what is the role of anesthetist in crisis?

### 2009

AKI, what is the role of Anesthetist?

VAP workshop, Telemedicine Cardiothoracic critical care problem and new protocols, in 4th international congress of NRITLD & ERS TEHAN

Critical care asthmatic patient, what is the role of inhaled anesthetic in the ICU. Massive blood transfusion

Nutritional support in critical care unit

Hemodynamic monitoring in critical care unit (secretary)

### 2008

Advance mode in mechanical ventilation (secretary) APRV in ARDS management

Aspiration pneumonia& ARDS in pregnant women

PDT, A bedside procedure we like it but some surgeon hate it!

# 2005-2007

Adjuvant therapy in pain management

VAP prophylaxis

Gram positive staphylococcus treatment in critical care (linezolid versus teicoplanin)

LMA &COBRA , comparison in ophthalmology anesthesia

LMA&LT, comparison in spontaneous anesthetize patients

VAP treatment protocol based on ATS /IDSA

Pulmonary HTN in Critical care based on WHO classification

# Conferences

# 2011

40<sup>th</sup> SCCM congress in San Diego

# 2010

39<sup>th</sup> SCCM congress in Miami ERS 2010 BARCELONA Pulmonary HTN Dubai

# 2009

Antifungal drugs Dubai

Ultrasound guided nerve block Dubai

38<sup>th</sup> SCCM congress in Nashville

2005-2008

Asthma day seminar anniversary

3<sup>th</sup> NRITLD& ERS International congress

4<sup>th</sup> Iranian Neurology congress

New treatment drugs &protocols in asthma

Harvard University program (MGH) for NRITLD Physicians by Dr Taylor Thompson and his group

NIPPV workshop

PDT workshop

64MSCT .CT angiography seminars

HAP /HCAP treatment

Sleep disorder seminar

Pulmonary rehabilitation seminar

World Congress of Anesthesiologist 2005Paris