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Education Information

Expertise In Medicine, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü,
Turkey 1988 - 1993

Undergraduate, Istanbul University, Istanbul Medical Faculty, İstanbul Tıp Pr., Turkey
1978 - 1984

Foreign Languages

English, C1 Advanced

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2003 - Continues

Associate Professor, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1998 - 2003

Specialization Student, Erasmus Universiteit Rotterdam, Medical School, Intensive Care, 1997 - 1998

Expert PhD, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1993 - 1998

Expert PhD, Erasmus Universiteit Rotterdam, Medical School, Intensive Care, 1994 - 1994

Research Assistant, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1987 - 1993

Academic and Administrative Experience

Head of Department, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2020 - Continues

Head of Department, Ankara University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2013 - 2014

Courses

Sepsis, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Sepsis, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Advising Theses

ÜNAL M. N., Laparoskopik kolorektal cerrahi geçiren hastalarda epidural analjezinin PVI (pleth variability index) ile hedefe yönelik sıvı tedavisi üzerine etkisi, Expertise In Medicine, A.CEREN(Student), 2018
ÜNAL M. N., Mekanik ventilasyon uygulanan ALI/ARDS'si olan ve olmayan hastalarda SpO₂/FiO₂ ve PaO₂/FiO₂ oranlarının karşılaştırılması ve değişik peep değerleri ile oksijen disosiasyon eğrisini kaydıran faktörlerin bu oranlara etkisi, Expertise In Medicine, E.BALCI(Student), 2014
ÜNAL M. N., Yoğun bakım hastalarında plevral ve parankimal akciğer patolojilerini tanımlamada yatak başı yapılan akciğer ultrasonografisinin yeri, Expertise In Medicine, Ö.YILMAZ(Student), 2011
ÜNAL M. N., Reanimasyon ünitesinde yatan kritik hastalarda deliryum insidansı ve ekibin farkındalığı, Expertise In Medicine, K.KOÇYİĞİT(Student), 2011
ÜNAL M. N., Fonksiyonel rezidüel kapasite (FRK) ölçümüne göre yapılan recruitment basıncı tespiti ve PEEP titrasyonunun kan gazı sonuçları ile korelasyonu, Expertise In Medicine, Ş.OBA(Student), 2008
ÜNAL M. N., Postoperatif doktor kontrollü weaning ile kapalı döngü kontrollü weaning (ASV=adaptive support ventilation) yöntemlerinin kıyaslanması, Expertise In Medicine, H.İZMİRLİ(Student), 2006
ÜNAL M. N., Yaygın damar içi koagülapatının eşlik ettiği sepsis olgularında plazmaferezin koagülasyon parametreleri ve mortalite üzerine etkisi, Expertise In Medicine, D.YILMAZ(Student), 2003

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Ankara University, December, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Estimating the attributable fraction of mortality from acute respiratory distress syndrome to inform enrichment in future randomised clinical trials**
Saha R., Pham T., Sinha P., Maddali M., Bellani G., Fan E., Summers C., Douiri A., Rubenfeld G. D., Calfee C. S., et al. THORAX, vol.78, no.10, pp.990-1003, 2023 (SCI-Expanded)
- II. **Mechanical ventilation in patients with cardiogenic pulmonary edema: a sub-analysis of the LUNG SAFE study**
Amado-Rodríguez L., Rodríguez-García R., Bellani G., Pham T., Fan E., Madotto F., Laffey J. G., Albaiceta G. M., Pesenti A., Brochard L., et al. JOURNAL OF INTENSIVE CARE, vol.10, no.1, 2022 (SCI-Expanded)
- III. **Poor timing and failure of source control are risk factors for mortality in critically ill patients with secondary peritonitis**
De Pascale G., Antonelli M., Deschepper M., Arvaniti K., Blot K., Brown B. C., de Lange D., De Waele J., Dikmen Y., Dimopoulos G., et al. INTENSIVE CARE MEDICINE, vol.48, no.11, pp.1593-1606, 2022 (SCI-Expanded)
- IV. **Presence of comorbidities alters management and worsens outcome of patients with acute respiratory distress syndrome: insights from the LUNG SAFE study**
Rezoagli E., McNicholas B. A., Madotto F., Tai Pham T. P., Bellani G., Laffey J. G. ANNALS OF INTENSIVE CARE, vol.12, no.1, 2022 (SCI-Expanded)
- V. **Goeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies**

Pisani L., Algera A. G., Neto A. S., Azevedo L., Paulus F., de Abreu M. G., Pelosi P., Dondorp A. M., Bellani G., Schultz M. J., et al.

LANCET GLOBAL HEALTH, vol.10, no.2, 2022 (SCI-Expanded)

- VI. **Validation and utility of ARDS subphenotypes identified by machine-learning models using clinical data: an observational, multicohort, retrospective analysis**
Maddali M. V., Churpek M., Pham T., Rezoagli E., Zhuo H., Zhao W., He J., Delucchi K. L., Wang C., Wickersham N., et al.
THE LANCET RESPIRATORY MEDICINE, vol.10, no.4, pp.367-377, 2022 (SCI-Expanded)
- VII. **Death in hospital following ICU discharge: insights from the LUNG SAFE study**
Madotto F., McNicholas B., Rezoagli E., Bellani G., Pesenti A., Brochard L., Esteban A., Gattinoni L., van Haren F., Ranieri M., et al.
Critical Care, vol.25, no.1, 2021 (SCI-Expanded)
- VIII. **Antimicrobial Lessons From a Large Observational Cohort on Intra-abdominal Infections in Intensive Care Units**
Vogelaers D., Blot S., Van den Berge A., Montravers P.
DRUGS, vol.81, no.9, pp.1065-1078, 2021 (SCI-Expanded)
- IX. **Compliance Phenotypes in Early Acute Respiratory Distress Syndrome before the COVID-19 Pandemic**
Panwar R., Madotto F., Laffey J. G., van Haren F. M. P.
AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE, vol.202, no.9, pp.1244-1252, 2020 (SCI-Expanded)
- X. **Six-year multicenter study on short-term peripheral venous catheters-related bloodstream infection rates in 246 intensive units of 83 hospitals in 52 cities of 14 countries of Middle East: Bahrain, Egypt, Iran, Jordan, Kingdom of Saudi Arabia, Kuwait, Lebanon, Morocco, Pakistan, Palestine, Sudan, Tunisia, Turkey, and United Arab Emirates-International Nosocomial Infection Control Consortium (INICC) findings**
Rosenthal V. D., Belkebir S., Zand F., Afeef M., Tanzi V. L., Al-Abdely H. M., El-Kholy A., Aziz AlKhawaja S. A., Demiroz A. P., Sayed A. F., et al.
JOURNAL OF INFECTION AND PUBLIC HEALTH, vol.13, no.8, pp.1134-1141, 2020 (SCI-Expanded)
- XI. **Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSeS", a multinational observational cohort study and ESICM Trials Group Project**
Blot S., Antonelli M., Arvaniti K., Blot K., Creagh-Brown B., de Lange D., De Waele J., Deschepper M., DİKMEN Y., Dimopoulos G., et al.
INTENSIVE CARE MEDICINE, vol.45, no.12, pp.1703-1717, 2019 (SCI-Expanded)
- XII. **Demographics, management and outcome of females and males with acute respiratory distress syndrome in the LUNG SAFE prospective cohort study**
McNicholas B. A., Madotto F., Pham T., Rezoagli E., Masterson C. H., Horie S., Bellani G., Brochard L., Laffey J. G.
EUROPEAN RESPIRATORY JOURNAL, vol.54, no.4, 2019 (SCI-Expanded)
- XIII. **Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome Insights from the LUNG SAFE Study**
Tai Pham T. P., Neto A. S., Pelosi P., Laffey J. G., De Haro C., Angel Lorente J., Bellani G., Fan E., Brochard L. J., Pesenti A., et al.
ANESTHESIOLOGY, no.2, pp.263-283, 2019 (SCI-Expanded)
- XIV. **Epidemiology of sepsis in intensive care units in Turkey: a multicenter, point-prevalence study.**
BAYKARA Z. N., AKALIN E. H., ARSLANTAŞ M. K., HANCI V., ÇAĞLAYAN Ç., Kahveci F., DEMİR AĞ K., BAYDEMİR C., ÜNAL M. N.
Critical care (London, England), vol.22, no.1, pp.93, 2018 (SCI-Expanded)
- XV. **International Nosocomial Infection Control Consortium report, data summary of 50 countries for 2010-2015: Device-associated module**
Daniel Rosenthal V., Al-Abdely H. M., El-Kholy A. A., AlKhawaja S. A. A., Leblebicioglu H., Mehta Y., Rai V., Nguyen Viet Hung N. V. H., Kanj S. S., Salama M. F., et al.

AMERICAN JOURNAL OF INFECTION CONTROL, no.12, pp.1495-1504, 2016 (SCI-Expanded)

XVI. Incidence of Acute Respiratory Distress Syndrome Reply

Bellani G., Tai Pham T. P., Laffey J.

JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, vol.316, no.3, pp.347, 2016 (SCI-Expanded)

XVII. International Nosocomial Infection Control Consortium (INICC) national report on device-associated infection rates in 19 cities of Turkey, data summary for 2003-2012

Leblebicioglu H., ERBEN N., Rosenthal V. D., Atasay B., Erbay A., ÜNAL S., Senol G., Willke A., Ozgultekin A., Altin N., et al.

ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS, vol.13, 2014 (SCI-Expanded)

XVIII. International Nosocomial Infection Control Consortiu (INICC) report, data summary of 43 countries for 2007-2012. Device-associated module

Rosenthal V. D., Maki D. G., Mehta Y., Leblebicioglu H., Memish Z. A., Al-Mousa H. H., Balkhy H., Hu B., Alvarez-Moreno C., Medeiros E. A., et al.

AMERICAN JOURNAL OF INFECTION CONTROL, no.9, pp.942-956, 2014 (SCI-Expanded)

XIX. Impact of a multidimensional infection control approach on catheter-associated urinary tract infection rates in adult intensive care units in 10 cities of Turkey: International Nosocomial Infection Control Consortium findings (INICC)

Leblebicioglu H., ERSÖZ G., Daniel Rosenthal V., Nevzat-Yalcin A., Akan O. A., SIRMATEL F., TURGUT H., ÖZDEMİR D., Alp E., Uzun C., et al.

AMERICAN JOURNAL OF INFECTION CONTROL, vol.41, no.10, pp.885-891, 2013 (SCI-Expanded)

XX. Double filtration plasmapheresis for a case of Crimean-Congo hemorrhagic fever

MEÇO B. C., Memikoglu O., İLHAN O., Ayyfichz E., Gunt C., ÜNAL M. N., ORAL M., Tulunay M.

Transfusion and Apheresis Science, vol.48, no.3, pp.331-334, 2013 (SCI-Expanded)

XXI. Impact of a multidimensional infection control approach on central line-associated bloodstream infections rates in adult intensive care units of 8 cities of Turkey: findings of the International Nosocomial Infection Control Consortium (INICC)

Leblebicioglu H., Ozturk R., Daniel Rosenthal V., Akan O. A., Sirmatel F., ÖZDEMİR D., Uzun C., TURGUT H., ERSÖZ G., Koksall I., et al.

ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS, vol.12, 2013 (SCI-Expanded)

XXII. Impact of the International Nosocomial Infection Control Consortium (INICC) Multidimensional Hand Hygiene Approach over 13 Years in 51 Cities of 19 Limited-Resource Countries from Latin America, Asia, the Middle East, and Europe

Rosenthal V. D., Pawar M., Leblebicioglu H., Navoa-Ng J. A., Villamil-Gomez W., Armas-Ruiz A., Cuellar L. E., Medeiros E. A., Mitrev Z., Gikas A., et al.

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.34, no.4, pp.415-423, 2013 (SCI-Expanded)

XXIII. Can plasma-free DNA concentration be a diagnostic tool in critically ill septic patients?

MEÇO B. C., Cuhruk F. H., Tulunay M., ORAL M., ÜNAL M. N.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.1, pp.150-155, 2013 (SCI-Expanded)

XXIV. Effectiveness of a multidimensional approach for prevention of ventilator-associated pneumonia in adult intensive care units from 14 developing countries of four continents: Findings of the International Nosocomial Infection Control Consortium

Rosenthal V. D., Rodrigues C., Álvarez-Moreno C., Madani N., Mitrev Z., Ye G., Salomao R., Ülger F., Guanche-Garcell., Kanj S. S., et al.

CRITICAL CARE MEDICINE, vol.40, no.12, pp.3121-3128, 2012 (SCI-Expanded)

XXV. Impact of a multidimensional infection control strategy on catheter-associated urinary tract infection rates in the adult intensive care units of 15 developing countries: findings of the International Nosocomial Infection Control Consortium (INICC)

Rosenthal V. D., Todi S. K., Alvarez-Moreno C., Pawar M., Karlekar A., Zeggwagh A. A., Mitrev Z., Udwadia F. E., Navoa-Ng J. A., Chakravarthy M., et al.

INFECTION, vol.40, no.5, pp.517-526, 2012 (SCI-Expanded)

XXVI. International Nosocomial Infection Control Consortium (INICC) report, data summary of 36

countries, for 2004-2009

Rosenthal V. D., Hu Bijie H. B., Maki D. G., Mehta Y., Apisarnthanarak A., Medeiros E. A., Leblebicioglu H., Fisher D., Alvarez-Moreno C., Abu Khader I., et al.

AMERICAN JOURNAL OF INFECTION CONTROL, vol.40, no.5, pp.396-407, 2012 (SCI-Expanded)

- XXVII. **A Trojan horse in intensive care unit: *Toxoplasma gondii* Yoğun bakım ünitesinde bir truva atı: *Toxoplasma gondii***

Can O. S., Yalcin S., Memikoglu O., Ozgencil E., Oba S., Tulunay M., ÜNAL M. N., ORAL M., Serdaroglu H.

Türkiye Klinikleri Journal of Medical Sciences, vol.32, no.1, pp.120-123, 2012 (SCI-Expanded)

- XXVIII. **Therapeutic plasma exchange in an intensive care unit (ICU): A 10-year, single-center experience**

Yilmaz A. A., Can O. S., ORAL M., ÜNAL M. N., Ayyildiz E., İlhan O., Tulunay M.

TRANSFUSION AND APHERESIS SCIENCE, vol.45, no.2, pp.161-166, 2011 (SCI-Expanded)

- XXIX. **Time-dependent analysis of length of stay and mortality due to urinary tract infections in ten developing countries: INICC findings**

Rosenthal V. D., Dwivedy A., Rodriguez Calderon M. E., Esen S., Torres Hernandez H., Abouqal R., Medeiros E. A., Atencio Espinoza T., Kanj S. S., Gikas A., et al.

JOURNAL OF INFECTION, vol.62, no.2, pp.136-141, 2011 (SCI-Expanded)

- XXX. **Impact of International Nosocomial Infection Control Consortium (INICC) Strategy on Central Line-Associated Bloodstream Infection Rates in the Intensive Care Units of 15 Developing Countries**

Rosenthal V. D., Maki D. G., Rodrigues C., Alvarez-Moreno C., Leblebicioglu H., Sobreyra-Oropeza M., Berba R., Madani N., Medeiros E. A., Cuellar L. E., et al.

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.31, no.12, pp.1264-1272, 2010 (SCI-Expanded)

- XXXI. **International Nosocomial Infection Control Consortium (INICC) report, data summary for 2003-2008, issued June 2009**

Rosenthal V. D., Maki D. G., Jamulitrat S., Medeiros E. A., Todi S. K., Yepes Gomez D., Leblebicioglu H., Abu Khader I., Miranda Novales M. G., Berba R., et al.

AMERICAN JOURNAL OF INFECTION CONTROL, vol.38, no.2, pp.95-106, 2010 (SCI-Expanded)

- XXXII. **International Nosocomial Infection Control Consortium report, data summary for 2002-2007, issued January 2008**

Rosenthal V. D., Maki D. G., Mehta A., Alvarez-Moreno C., Leblebicioglu H., Higuera F., Cuellar L. E., Madani N., Mitrev Z., Duenas L., et al.

American Journal of Infection Control, vol.36, no.9, pp.627-637, 2008 (SCI-Expanded)

- XXXIII. **Seizures and loss of vision in a patient with systemic lupus erythematosus**

Özgencil E., Gülücü C., Yalçın S., Alanoğlu Z., Ünal M. N., Oral M., Tulunay M.

NETHERLANDS JOURNAL OF MEDICINE, vol.65, no.7, pp.274, 2007 (SCI-Expanded)

- XXXIV. **Seropositivity incidence of anti-*Toxoplasma gondii* antibodies in critically ill intensive care unit patients**

Can Ö., Yalçın S., Memikoglu O., Özgencil E., Oba S., Tulunay M., Ünal N., Oral M.

CRITICAL CARE, vol.11, no.Suppl 2, pp.114, 2007 (SCI-Expanded)

- XXXV. **Fatal polyarteritis nodosa with gastrointestinal involvement in a child**

Kendirli T., Yuksel S., Oral M., ÜNAL M. N., Tulunay M., Dilek U. S., Yalcinkaya F.

PEDIATRIC EMERGENCY CARE, vol.22, no.12, pp.810-812, 2006 (SCI-Expanded)

- XXXVI. **Device-associated nosocomial infections in 55 intensive care units of 8 developing countries**

Rosenthal V. D., Maki D. G., Salomao R., Alvarez-Moreno C., Mehta Y., Higuera F., Cuellar L. E., Arian O. A., Abouqal R., Leblebicioglu H.

ANNALS OF INTERNAL MEDICINE, vol.145, no.8, pp.582-591, 2006 (SCI-Expanded)

- XXXVII. **Development of core competencies for an international training programme in intensive care medicine**

Bion J., Barrett H., Ünal M. N.

INTENSIVE CARE MEDICINE, vol.32, no.9, pp.1371-1383, 2006 (SCI-Expanded)

- XXXVIII. **Nosocomial meningitis in a university hospital between 1993 and 2002**

Palabiyikoglu I., Tekeli E., Cokca F., Akan O., Ünal M. N., Erberktas I., Lale S., Kiraz S.

- JOURNAL OF HOSPITAL INFECTION, vol.62, no.1, pp.94-97, 2006 (SCI-Expanded)
- XXXIX. **An international survey of training in adult intensive care medicine**
Barrett H., Bion J.
INTENSIVE CARE MEDICINE, vol.31, no.4, pp.553-561, 2005 (SCI-Expanded)
- XL. **Propofol and myocardial lipid peroxidation**
Sayin M., Ozatamer O., Ünal M. N.
BRITISH JOURNAL OF ANAESTHESIA, vol.90, no.2, pp.253-254, 2003 (SCI-Expanded)
- XLI. **Propofol attenuates myocardial lipid peroxidation during coronary artery bypass grafting surgery**
Sayin M., Ozatamer O., Tasoz R., Kilinc K., ÜNAL M. N.
BRITISH JOURNAL OF ANAESTHESIA, vol.89, no.2, pp.242-246, 2002 (SCI-Expanded)
- XLII. **Postoperative analgesia in children using pre-emptive retrobulbar block and local anesthetic infiltration in strabismus surgery**
Ates Y., ÜNAL M. N., Cuhruk H., Erkan N.
REGIONAL ANESTHESIA AND PAIN MEDICINE, vol.23, no.6, pp.569-574, 1998 (SCI-Expanded)
- XLIII. **A novel method of evaluation of three heat-moisture exchangers in six different ventilator settings**
ÜNAL M. N., Kanhai J., Buijk S., Pompe J., Holland W., Gultuna I., Ince C., Saygin B., Bruining H.
INTENSIVE CARE MEDICINE, vol.24, no.2, pp.138-146, 1998 (SCI-Expanded)
- XLIV. **AN EXPERIMENTAL SET-UP TO TEST HEAT-MOISTURE EXCHANGERS**
ÜNAL M. N., POMPE J., HOLLAND W., GULTUNA I., HUYGEN P., JABAAIJ K., INCE C., SAYGIN B., BRUINING H.
INTENSIVE CARE MEDICINE, vol.21, no.2, pp.142-148, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **Epidemiology and risk factors for mortality in critically ill patients with pancreatic infection**
Dejonckheere M., Antonelli M., Arvaniti K., Blot K., CreaghBrown B., W. de Lange D., De Waele J., Deschepper M., DİKMEN Y., Dimopoulos G., et al.
JOURNAL OF MAHANI MATHEMATICAL RESEARCH, vol.4, no.1, pp.81-93, 2024 (Scopus)
- II. **Effect of Epidural Analgesia on Goal-Directed Fluid Therapy with Pleth Variability Index in Patients Who Underwent Laparoscopic Colorectal Surgery**
Doganozu A. C., Bermede A. O., Akyol C., Unal N.
ANESTEZİ DERGİSİ, vol.31, no.4, pp.325-332, 2023 (Scopus)
- III. **OUR EXPERIENCE ABOUT HELLP SYNDROME IN INTENSIVE CARE UNIT**
YEŞİLER F. İ., KOSOVALI B. D., TUNÇER PEKER T., ÖZÇELİK M., ÜNAL M. N., BAYAR M. K.
Turkish Journal of Clinics and Laboratory, vol.13, no.4, pp.518-524, 2022 (Peer-Reviewed Journal)
- IV. **Incompatibility, Y-Site Incompatibility and Incompatibility Management for Intravenously Administered Drugs in Intensive Care Unit**
PEHLİVANLI A., Özgün Ç., Erad Ç. F., ÖZÇELİKAY A. T., ÜNAL M. N.
ANESTEZİ DERGİSİ, vol.30, 2022 (Scopus)
- V. **Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE Study**
Pham, T., Pesenti A., Bellani G., Rubenfeld G., Fan E., Bugedo G., Lorente J. A., Fernandes A. D. V., Van Haren F., Bruhn A., et al.
EUROPEAN RESPIRATORY JOURNAL, vol.57, no.6, pp.1-17, 2021 (Peer-Reviewed Journal)
- VI. **Patterns of Use of Adjunctive Therapies in Patients With Early Moderate to Severe ARDS Insights From the LUNG SAFE Study**
Duggal A., Rezoagli E., Pham T., McNicholas B. A., Fan E., Bellani G., Rubenfeld G., Pesenti A. M., Ünal M. N., Laffey J. G.
chest, vol.157, no.6, pp.1497-1505, 2020 (Peer-Reviewed Journal)
- VII. **Re: Clinical Trials in Volume Resuscitation with Hydroxyethyl Starch: Focus on Risk of Bias**
Ünal M. N., Reinhard K.
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.48, no.3, pp.258-260, 2020 (Peer-Reviewed Journal)

- VIII. **Patterns and Impact of Arterial CO₂ Management in Patients With Acute Respiratory Distress Syndrome Insights From the LUNG SAFE Study**
Madotto F., Rezoagli E., McNicholas B. A., Pham T., Slutsky A. S., Bellani G., Ünal M. N., Laffey J. G.
CHEST, vol.158, no.5, pp.1967-1982, 2020 (Peer-Reviewed Journal)
- IX. **International Nosocomial Infection Control Consortium (INICC) report, data summary of 45 countries for 2012-2017: Device-associated module**
Rosenthal V. D., Bat-Erdene I., Gupta D., Belkebir S., Rajhans P., Zand F., Myatra S. N., Afeef M., Tanzi V. L., Ünal M. N.
AMERICAN JOURNAL OF INFECTION CONTROL, vol.48, no.4, pp.423-432, 2020 (Peer-Reviewed Journal)
- X. **Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study**
Madotto F., Rezoagli E., Pham T., Schmidt M., McNicholas B., Protti A., Panwar R., Bellani G., Fan E., Van Haren F., et al.
CRITICAL CARE, vol.24, pp.125-142, 2020 (Peer-Reviewed Journal)
- XI. **Impact of Early Acute Kidney Injury on Management and Outcome in Patients With Acute Respiratory Distress Syndrome: A Secondary Analysis of a Multicenter Observational Study**
McNicholas B. A., Rezoagli E., Pham T., Madotto F., Guiard E., Fanelli V., Bellani G., Griffin M. D., Ranieri M., Laffey J. G., et al.
CRITICAL CARE MEDICINE, vol.47, no.9, pp.1216-1225, 2019 (Peer-Reviewed Journal)
- XII. **Understanding the Harms of HES: A Review of the Evidence to Date**
ÜNAL M. N., Reinhart K.
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.47, no.2, pp.81-91, 2019 (ESCI)
- XIII. **Spontaneous Breathing in Early Acute Respiratory Distress Syndrome: Insights From the Large Observational Study to UNDERstand the Global Impact of Severe Acute Respiratory Failure Study**
Van Haren F., Pham T., Brochard L., Bellani G., Laffey J., Dres M., Fan E., Goligher E. C., Heunks L., Lynch J., et al.
CRITICAL CARE MEDICINE, vol.47, pp.229-238, 2019 (Peer-Reviewed Journal)
- XIV. **Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome Insights from the LUNG SAFE Study**
Pham T., Neto A. S., Pelosi P., Laffey J. G., De Haro C., Lorente J. A., Bellani G., Fan E., Brochard L. J., Pesenti A., et al.
ANESTHESIOLOGY, vol.130, pp.263-283, 2019 (Peer-Reviewed Journal)
- XV. **Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database**
Boyle A. J., Madotto F., Laffey J. G., Bellani G., Pham T., Pesenti A., Thompson B. T., O'Kane C. M., Deane A. M., McAuley D. F., et al.
CRITICAL CARE, vol.22, pp.268-282, 2018 (Peer-Reviewed Journal)
- XVI. **Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries**
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- XXVIII. **Changing resistance pattern for acinetobacter Baumannii through the years.**
Alkaya F., MEMİKOĞLU K. O., ÖZGENÇİL G. E., Eker E., Oral M., ÜNAL M. N., Tulunay M.
28th International Symposium on Intensive Care and Emergency Medicine, 13 March 2008
- XXIX. **Üriner Diversiyon Olgusunda Hipomagnezemiye Bağlı Torsades De Pointes**
ÇAKAR TURHAN K. S., ERDİ ŞAHİNKAYA H., TULUNAY KAYA C., TULUNAY M., ÜNAL M. N., ORAL M.
Türk Anesteziyoloji ve Reanimasyon Derneği 41. Ulusal Kongresi, Antalya, Turkey, 25 - 28 October 2007
- XXX. **Can Plasma free DNA Concentration Be a diagnostic Tool in Critically Ill Septic Patients**
MEÇO B. C., CUHRUK H., TULUNAY M., ORAL M., ÜNAL M. N., ÖZDAĞ H.
27th International Symposium on Intensive Care Emergency Medicine (ESICIM) 2007, BRÜKSEL, Belgium, 27 - 30 March 2007, vol.11, pp.48
- XXXI. **Seropositivity incidence of anti-Toxoplasma gondii antibodies in critically ill intensive care unit patients**
Can Ö., Yalçın S., Memikoğlu O., Özgencil G. E., Oba S., Tulunay M., Ünal M. N., Oral M.
27th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 27 - 30 March 2007, vol.11, pp.114
- XXXII. **IDENTIFYING ONLINE EDUCATIONAL RESOURCES TO SUPPORT COMPETENCYBASED ICM TRAINING**
Barrett H., Gomersall C., Ünal M. N.
19th ESICM Annual Congress, Barcelona, Spain, 24 - 27 September 2006, vol.32, pp.265
- XXXIII. **Distal Renal Tubuler Asidoz Olgusunda Derin Hipokalemi ve Kardiyak Arrest**
ÇAKAR TURHAN K. S., ÖZÇELİK M., ALANOĞLU Z., ÜNAL M. N., ORAL M., TULUNAY M.
13. Ulusal Yoğun Bakım Kongresi, Antalya, Turkey, 3 - 07 May 2006
- XXXIV. **Posttravmatik paradoksal serebral yağ embolizmi YES Olgu sunumu**
CAN Ö., ALKAYA SOLMAZ F., MEÇO B. C., HASDOĞAN M., TULUNAY M., ORAL M., ÜNAL M. N.
13. Ulusal Yoğun Bakım Kongresi, Turkey, 3 - 07 May 2006
- XXXV. **Multiple myelomlu bir olguda bortezomibe bağlı motor nöropati gelişimi**
OBA Ş., YILMAZ A. A., YALÇIN Ş., HASDOĞAN M., ÜNAL M. N., ORAL M., TULUNAY M.
13. Ulusal Yoğun Bakım Kongresi, Turkey, 3 - 07 May 2006
- XXXVI. **Posttravmatik Paradoksal Serebral Yağ Embolizmi Sendromu YES Olgu sunumu**
SELVİ CAN Ö., ALVER ALKAYA F., MEÇO B. C., ÖZÇELİK M., TULUNAY M., ORAL M., ÜNAL M. N.
13. Ulusal Yoğun Bakım Kongresi, Antalya, Turkey, 3 - 07 May 2006, vol.4, pp.91
- XXXVII. **Yetersiz ve Geç Pralidoksim 2 PAM Tedavisi Yapılan Ağır Organofosfat Zehirlenmesi Olgusu**
SELVİ CAN Ö., ALVER ALKAYA F., MEÇO B. C., ÖZÇELİK M., TULUNAY M., ORAL M., ÜNAL M. N.
13. Ulusal Yoğun Bakım Kongresi, Antalya, Turkey, 3 - 07 May 2006, vol.4, pp.90
- XXXVIII. **Korozif bir madde olarak hidroklorik asit tuz ruhu alımı Olgu Sunumu**

- ÇAKAR TURHAN K. S., GEZE Ş., YALÇIN Ş., ÜNAL M. N., ORAL M., TULUNAY M.
Türk Anesteziyoloji ve Reanimasyon Derneği 38. Ulusal Kongresi, Antalya, Turkey, 1 - 05 December 2004
- XXXIX. **Wallenberg Sendromu Olgu Sunumu**
GEZE Ş., ÇAKAR TURHAN K. S., DURU B., DÖNER E., ORAL M., ÜNAL M. N., TULUNAY M.
Türk Anesteziyoloji ve Reanimasyon Derneği 38. Ulusal Kongresi, Antalya, Turkey, 1 - 05 December 2004
- XL. **Metanol ve Etanol İntoksikasyonu Olgu Sunumu**
ÇAKAR TURHAN K. S., GEZE Ş., DURU B., ORAL M., ÜNAL M. N., TULUNAY M.
Türk Anesteziyoloji ve Reanimasyon Derneği 38. Ulusal Kongresi, Antalya, Turkey, 1 - 05 December 2004
- XLI. **İntratekal Kolistin Tedavisinin Etkinliği**
GEZE Ş., ÇAKAR TURHAN K. S., YALÇIN Ş., SERDAROĞLU H., ORAL M., ÜNAL M. N., TULUNAY M.
Türk Anesteziyoloji ve Reanimasyon Derneği 38. Ulusal Kongresi, Antalya, Turkey, 1 - 05 December 2004
- XLII. **THE EFFECTS OF INTENSIVE INSULIN THERAPY ON OUTCOME CRP AND HLADR LEVELS IN CRITICALLY ILL PATIENTS**
Oral M., Can Ö., Ünal M. N., Tulunay M.
17th ESICM Annual Congress, Berlin, Germany, 10 October 2004, vol.30, pp.59
- XLIII. **National Multi-Center Study To Evaluate the Baseline Handwashing Compliance in the Intensive Care Units of Three Turkish Hospitals: Differences between Genders**
Arikan Akan O., Çetinkaya Y., Özgültekin A., Rosenthal V., Ünal M. N., Topeli İskit A., Oral M., Yıldırım G., Tulunay M.
APIC, The Association for Professionals In Infection Control and Epidemiology 31st Annual Educational Conference and International Meeting, Arizona, United States Of America, 6 - 10 June 2004, vol.32, pp.57-58
- XLIV. **Postoperatif Ampiyem Tedavisinde Uygulanan Antibiyotiklerin Antibiyogram ile Uyumu**
Kiraz S., Lale S., Erbektaş İ., Köse T., Palabıyıkoglu İ., Tekeli E., Çokça F., Akan Ö., Ünal M. N.
Hastane İnfeksiyonları Kongresi 2004, Ankara, Turkey, 15 - 18 April 2004, pp.8-9
- XLV. **Nozokomiyal Menenjitler: 1993-2002**
Erbektaş İ., Lale S., Kiraz S., Köse T., Palabıyıkoglu İ., Tekeli E., Çokça F., Akan Ö., Ünal M. N.
Nozokomiyal Menenjitler: 1993-2002, Ankara, Turkey, 15 - 18 April 2004, pp.63
- XLVI. **Depression and burnout syndrome in intensive care unit nurses**
Özgencil G. E., Ünal M. N., Oral M., Okyavuz Ü., Alanoğlu Z., Tulunay M.
24th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 30 March 2004, vol.8, pp.168-169
- XLVII. **High-frequency oscillatory ventilation: a better tool for lung protection?**
Gönençer H., Ünal M. N.
24th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 30 March - 02 April 2004, vol.8, pp.21-22
- XLVIII. **The place of plasmapheresis in septic patients complicated with disseminated intravascular coagulation**
Oral M., Yılmaz A., Yılmaz D., Ünal M. N., Tulunay M.
24th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 30 March 2004, vol.8, pp.75
- XLIX. **The effects of plasmapheresis on hemodynamic parameters and tissue oxygenations in septic patients**
Yılmaz A., Oral M., Ünal M. N., Tulunay M.
24th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 30 March - 02 April 2004, vol.8, pp.73
- L. **Legionella Pneumonia: a report of two cases. 14. International intensive care symposium**
Diribaş Ş., Oral M., Ünal M. N., Eker E., Tulunay M.
14. International intensive care symposium, İstanbul, Turkey, 01 May 2003, pp.61
- LI. **Beş Hasta Münasebeti ile Kalsiyum Kanal Blokeri Entoksikasyonundaki Deneyimlerimiz**
ORAL M., ÜNAL M. N., ÇAKAR TURHAN K. S., GÖNENÇER H., DURU B., GENÇ A., TULUNAY M.
Türk Anesteziyoloji ve Reanimasyon Derneği 36. Ulusal ve 1. Uluslararası Kongresi, Antalya, Turkey, 26 - 30 October 2002

- LII. **Management of slow-release verapamil intoxication: a review of three cases**
Oral M., Ünal M. N., Aşık İ., Özatamer O., Tulunay M.
12th International Intensive Care Symposium, İstanbul, Turkey, 18 May 2000, pp.33
- LIII. **Isolated hyperbilirubinemia associated with sepsis in a patient with acute myeloblastic leukemia**
Özgünay Ş., Baran İ., Tulunay M., Ünal M. N., Oral M., Palabıykoğlu İ., Arat M.
12th International Intensive Care Symposium, İstanbul, Turkey, 18 May 2000, pp.54
- LIV. **Hospital infections in patients hospitalized in reanimation unit with crush syndrome after Marmara earthquake**
Palabıyık İ., Oral M., Ünal M. N., Tulunay M.
12th International Intensive Care Symposium, İstanbul, Turkey, 18 May 2000, pp.18-20
- LV. **A case of fatal colchicine overdose**
Ünal M. N., Oral M., Yılmaz A., Genç M., Tulunay M.
12th International Intensive Care Symposium, İstanbul, Turkey, 18 May 2000, pp.34
- LVI. **Earthquake, rescued victims, crush injury and their follow up**
Ünal M. N., Oral M., Yılmaz A., Tulunay M.
20th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 21 March 2000, pp.112-113
- LVII. **Diabetik hastada tekrarlayan multimorfik ventriküler taşikardi ve hipomagnezemi**
Özgünay Ş., Ünal M. N., Baran İ., Alanoğlu Z., Aşık İ., Tulunay M.
XXXII Türk Anesteziyoloji ve Reanimasyon Kongresi, VI. Yoğun Bakım Kongresi, VI. Göğüs Kalp Damar Anestezi ve Yoğun Bakım Kongresi, Antalya, Turkey, 28 November 1998, pp.208
- LVIII. **Rapid inhalation and intravenous induction in children: comparison of 8% sevoflurane, 5% halothane and propofol.**
Alkış N., Alanoğlu Z., Ateş Y., Ünal M. N., Göktuğ A., Temiz H.
PGA 52, New York, United States Of America, 18 September 1998, pp.126
- LIX. **Comparison of the effects of sevoflurane and isoflurane on cerebral perfusion using spect technique in the dog model**
Yeğin A., Ünal M. N., Keçik Y., Demir H., Kır M.
PGA 52, New York, United States Of America, 18 September 1998, pp.143
- LX. **Are muscle relaxants to be used in regional intravenous anaesthesia?**
Ünal M. N., Poçan S., İltar I., Özgencil E., Keçik Y.
European Society of Anaesthesiologists (ESA) , Barcelona, Spain, 25 April 1998, pp.110
- LXI. **The effects of neostigmine on pulmoner vascular tonus**
Ünal M. N., Aşık İ., Oral M., Özgencil E., Tulunay M.
ESA 1997, Lausanne, Switzerland, 03 May 1997, pp.97
- LXII. **Comparison of maternal and fetal effects of propofol infusion versus inhalational anaesthetics in elective caesarean sections**
Oral M., Aşık İ., Ünal M. N., Demiralp S., Cuhruk H.
Obstetric Anaesthetists Association Annual meeting , Glasgow, England, 11 April 1996, pp.35
- LXIII. **Malignant hyperthermia and pulmonary edema in an anxious patient**
Keçik Y., Ünal M. N., Tulunay M., Genç A. F.
8th European Congress of Anaesthesiology, Warszawa, Poland, 9 - 15 September 1990, pp.1

Supported Projects

European Society Of Intensive Care Medicine E., Bion J., Ünal M. N., EU Supported Other Project, CoBaTrICE (Competency-Based Training in Intensive Care Medicine), 2003 - 2010

Activities in Scientific Journals

TUBERKULOZ VE TORAKS, Advisory Committee Member, 2008 - 2011

Memberships / Tasks in Scientific Organizations

Global Sepsis Alliance, Country Representative, 2014 - Continues, England
COBATRICE - European Society of Intensive Care Medicine (ESICM) , Country Representative, 2008 - Continues, Belgium
Mechanical ventilation commitee member, Turkish society of intensive care, Member, 2005 - Continues, Turkey
Systemic inflammation and sepsis committee, European Society of Intensive Care Medicine , Member, 2004 - Continues, Belgium
Acute respiratory failure committee, European Society of intensive care medicine, Member, 2004 - Continues, Belgium
European Society of Intensive Care Medicine (ESICM), Member, 2004 - Continues, Belgium
Klinik Enteral ve Parenteral Beslenme Derneği (KEPAN), Member, 1999 - Continues, Turkey
Türk Anesteziyoloji ve Reanimasyon Derneği, Member, 1995 - Continues, Turkey
Türk Yoğun Bakım Derneği, Member, 1995 - Continues, Turkey
Anesteziyoloji ve Reanimasyon Uzmanları Derneği, Member, 1988 - Continues, Turkey
Turkish Society of Intensive Care, Assistant Chairman of the Board, 2016 - 2018, Turkey
Turkish Society of Intensive Care, Chairman of the Board, 2014 - 2016, Turkey
European Society of Intensive Care Medicine (ESICM), Country Representative, 2004 - 2008, Belgium
Turkish Society of Intensive Care, Board Member, 2004 - 2006, Turkey
Turkish Society of Intensive Care, Board Member, 2002 - 2004, Turkey
Anesteziyoloji ve Reanimasyon Uzmanları Derneği, Board Member, 1996 - 1998, Turkey
Anesteziyoloji ve Reanimasyon Uzmanları Derneği, Board Member, 1988 - 1992, Turkey

Metrics

Publication: 194
Citation (WoS): 2664
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H-Index (WoS): 21
H-Index (Scopus): 21

Congress and Symposium Activities

Bulaşıcı Hastalıkları Önleme Derneği (BUHASDER) 10. Kongresi, Session Moderator, Antalya, Turkey, 2022
Bulaşıcı Hastalıkları Önleme Derneği (BUHASDER) 10. Kongresi, Panelists, Antalya, Turkey, 2022
Bulaşıcı Hastalıkları Önleme Derneği (BUHASDER) 10. Kongresi, Audience, Antalya, Turkey, 2022
Türk Anesteziyoloji ve Reanimasyon Derneği 56. ulusal kongresi, Audience, Antalya, Turkey, 2022
Türk Anesteziyoloji ve Reanimasyon Derneği 56. ulusal kongresi, Session Moderator, Antalya, Turkey, 2022
35th Annual congress of European Society of Intensive Care Medicine, Audience, Paris, France, 2022
1. Ulusal Erciyes Dış Hekimliğinde Anestezi Sempozyumu, Session Moderator, Kayseri, Turkey, 2022
22. Ulusal Cerrahi Kongresi, Invited Speaker, Antalya, Turkey, 2022
TYBD 21.Yoğun bakım kongresi , Audience, Antalya, Turkey, 2022
TYBD 21. ulusal yoğun bakım kongresi, Invited Speaker, Antalya, Turkey, 2022
TYBD 21. ulusal yoğun bakım kongresi, Invited Speaker, Antalya, Turkey, 2022
Bulaşıcı hastalıkları önleme derneği (BUHASDER) 9. Kongresi, Moderator, Antalya, Turkey, 2021
Bulaşıcı hastalıkları önleme derneği (BUHASDER) 9. Kongresi, Session Moderator, Antalya, Turkey, 2021

Bulaşıcı hastalıkları önleme derneği (BUHASDER) 9. Kongresi, Invited Speaker, Antalya, Turkey, 2021
Bulaşıcı hastalıkları önleme derneği (BUHASDER) 9. Kongresi, Audience, Antalya, Turkey, 2021
FAO ve WHO Dünya Gıda Günü Özel Toplantısı, Invited Speaker, Elazığ, Turkey, 2021
Enfeksiyon Hastalıkları Derneği 9. Ulusal aşı sempozyumu, Session Moderator, Ankara, Turkey, 2021
34th Annual congress of European Society of Intensive Care Medicine, Audience, Brussels, Belgium, 2021
KEPAN E-Kongre 2021, Session Moderator, Antalya, Turkey, 2021

Invited Talks

HEALTH EDUCATION IN THE 100TH ANNIVERSARY OF THE REPUBLIC Where Did We Come From, Where Are We, Where Are We Going?, Conference, SASDER, Turkey, November 2023
Diafram koruyucu ventilasyon stratejileri, Conference, Türk Anesteziyoloji ve Reanimasyon Derneği 57. Ulusal Kongresi, Turkey, November 2023
Akciğer Mekanikleri, Workshop, Türk Yoğun Bakım Derneği 41. Mekanik Ventilasyon Kursu, Turkey, November 2023
HFOV, Workshop, Türk Yoğun Bakım Derneği 41. Mekanik Ventilasyon Kursu, Turkey, November 2023
Anestezi Bakışıyla Enfeksiyon, Conference, BUHASDER Kongresi, Turkey, October 2023
Akciğer mekanikleri, Workshop, Türk Yoğun Bakım Derneği 40. Mekanik Ventilasyon Kursu, Turkey, September 2023
HFOV, Workshop, Türk Yoğun Bakım Derneği 40. Mekanik Ventilasyon Kursu, Turkey, September 2023
Sepsis'e Multidisipliner Yaklaşım: Yoğun Bakımcı Gözüyle, Conference, Türk Yoğun Bakım Derneği, Turkey, September 2023
Patient-Ventilator Dyssynchronia, Conference, 10th Abant Anesthesia Symposium, Turkey, May 2023
10. BUHASDER KONGRESİ, Conference, Bulaşıcı Hastalıkları Önleme Derneği BUHASDER, Turkey, November 2022
Success Factors to Increase Sepsis Awareness in Turkey, Conference, 2nd Annual meeting of the European Sepsis Alliance, Belgium, March 2019
National activities in Turkey, Seminar, WSD Supporter Meeting, Belgium, March 2019
Improving sepsis education in Turkey, Conference, 2th World sepsis congress, Germany, September 2018
Sepsis is not only medical but also a political issue, Conference, 1st Critical care & 2nd Anesthesia conference, Pakistan, September 2018
Prevalance and Mortality of Sepsis in Turkish ICUs, Conference, Hungary, May 2018
Organ Donation and Critical Care Course: Case Discussion, Workshop, 1st International Transplant Network Congress, Turkey, May 2018
ECMO Program in Turkey - mile Stones, Conference, ECMO CHALLENGES 2017 Conferance and Workshops, Poland, October 2017
New sepsis guideline: What's new? , Conference, Balkan States Anesthesia Days IV, Bosnia And Herzegovina, May 2017
Global Perspective for Future of Intensive Care, Conference, Intensive Care Course. ITN Study Visit to SENEGAL, Senegal, May 2017
Sepsis, Conference, Intensive Care Course. ITN Study Visit to SENEGAL, Senegal, May 2017
Monitoring, Conference, Intensive Care Course. ITN Study Visit to SENEGAL, Senegal, May 2017
Current Mechanical ventilation strategies, Conference, Intensive Care Course. ITN Study Visit to SENEGAL, Senegal, May 2017
Challenges and opportunities in caring critically ill. ICE, Conference, Poland, April 2017
Physiological principles of ECMO And ECCO2 R, Workshop, ECMO course, Poland, April 2017
Physiological principles of ECMO And ECCO2 R. (Oxygenization, CO2 elimination, haemodynamic and determining factors), Workshop, Turkish and Poland societies of intensive care, Poland, April 2017
Challenges and opportunities in caring critically ill, Conference, Poland, April 2017
The Turkish approach to improve sepsis awareness and education. Challenges and opportunities in the fight against sepsis, Conference, 1st World Sepsis Congress, Germany, September 2016
The Turkish Approach to Sepsis Awareness & Education, Conference, 1th World Sepsis Congress, Global Sepsis Allince , Belgium, September 2016
The Turkish approach to improve sepsis awareness and sepsis management, Conference, Symposium of the German

National Academy of Sciences Leopoldina Sepsis , Germany, May 2016

Weaning from mechanical ventilation after scoliosis surgery, Conference, Balkan States Anesthesia Days III, Orthopedic anesthesia and intensive care, Macedonia, March 2016

Step-Up Session , Workshop, 12th congress of the World federation of societies of Intensive and critical care Medicine, South Korea, August 2015

PEEP titration. Mechanical ventilation course, Workshop, Balkan States Anesthesia Days II. Current Topics in Anesthesia and Intensive Care, Albania, May 2015

Respiratory system mechanics. Mechanical ventilation course, Workshop, Balkan States Anesthesia Days II. Current Topics in Anesthesia and Intensive Care, Albania, May 2015

Donor care in preoperative preparation. Current advancement in transplantation anesthesia. , Conference, Anesthesia Days of Turkish Republics. Anesthesiology and Reanimation Specialists' Society and Azarbaijan Medical University, Azerbaijan, April 2013

Anaesthesia management in high risk patients, Workshop, Network In Anaesthesiology, Italy, February 2013

Airway management of patients on Ventilator support: in ICU: Timing of tracheostomy and NMNs usage, Conference, Advances in Management of Critically ill patients, United Arab Emirates, May 2012

PEEP Titration & bedside FRC measurements, Conference, 6th National & 1st International Congress of the Jordan Society of Anaesthesia, Intensive care & Pain Management, Jordan, May 2007

FRC measurements during PEEP titration and prone position in patients with ARDS by using Engstrom Carestation, Conference, Belgium, March 2007

PEEP titration according to lung mechanics , Conference, 11th international symposium on shock and critical care, Indonesia, August 2004

High Frequency oscillative ventilation, Conference, 11th international symposium on shock and critical care , Indonesia, August 2004

Crush injuries and coagulopathies: The place of antithrombin III therapy, Conference, Alman Anestezi Derneği Kongresi, Germany, May 2000

Awards

Ünal M. N., GSA World Award, Global Sepsis Alliance, September 2019

Ünal M. N., Prof.Dr.Nurhan Avman Araştırma Teşvik Yarışması 2.'lik öddülü, Ankara Üniversitesi Tıp Fakültesi Dekanlığı, March 1993