

Prof. CANAN BALCI



Personal Information

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Education Information

Undergraduate, Gazi University, Tıp Fakültesi, Turkey 1990 - 1996

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, 40th International Symposium on Intensive Care and Emergency Medicine, 40th International Symposium on Intensive Care and Emergency Medicine, 2021

Health&Medicine, 17th World Congress of Anaesthesiologists, WFSA, 2021

Health&Medicine, Hemodynamic Monitoring , Intensive Care Medicine, 2021

Health&Medicine, European society of intensive medicine, European society of intensive medicine, 2020

Health&Medicine, 22nd International Intensive CARE Smposium, 3-4 May 2019, Turkish Society Of Intensive CARE , 2019

Vocational Course, TEE, European Society of Intensive Care Medicine, 2018

Health&Medicine, Extracorporeal Support for Respiratory Failure (ECMO), International Symposium on Intensive Care and Emergency Medicine ,, 2018

Health&Medicine, 6th International Targeted Temperature Management Teaching Course, TTM 2018, 2018

Health&Medicine, Advance on Echocardiography, European Society of Intensive Care Medicine ESICM, 2017

Health&Medicine, New York sponsored by North American Institute for Continuing Education during, New York sponsored by North American Institute for Continuing Education during,, 2016

Health&Medicine, Basic Course on Echocardiography , European Society of Intensive Care Medicine, 2015

Health&Medicine, Diffucult Airway , PGA, 2015

Health&Medicine, Appropriate Clical Use of Blood, Technical Assistance for Strenhthering the blood Supplay System in urkey, 2013

Dissertations

Expertise In Medicine, SIRS, Sepsis, Ağır Sepsis ve Septik Şok Olgularında Prokalsitoninin Tanısal Değeri, Pamukkale University, Faculty Of Medicine, Department Of Surgıcal Medical Sciences, 2002

Research Areas

Academic Titles / Tasks

Professor, Kütahya Health Sciences University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2019 - Continues
Associate Professor, University Of Health Sciences, Kocaeli Derince Health Research Center, Department Of Surgical Medical Sciences, 2011 - 2019
Assistant Professor, Afyon Kocatepe University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2003 - 2011
Lecturer PhD, Afyon Kocatepe University, Tıp, Cerrahi Tıp Bölümleri, 2002 - 2003

Academic and Administrative Experience

Head of Department, Kütahya Health Sciences University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2019 - Continues

Courses

DOLAŞIM ŞOKU, Undergraduate, 2020 - 2021, 2021 - 2022
MEKANİK VENTİLASYON , Undergraduate, 2020 - 2021, 2021 - 2022
İLERİ YAŞAM DESTEĞİ, Undergraduate, 2020 - 2021, 2021 - 2022
TEMEL YAŞAM DESTEĞİ, Undergraduate, 2020 - 2021, 2021 - 2022
YOĞUN BAKIMDA KAN VE KAN TRANSFÜZYONLARI, Undergraduate, 2020 - 2021, 2021 - 2022
SEPSİS TANI, Undergraduate, 2020 - 2021, 2021 - 2022
ÖZEL DURUMLARDA RESÜSİTASYON, Undergraduate, 2020 - 2021, 2021 - 2022
SEPSİS TEDAVİ, Undergraduate, 2020 - 2021, 2021 - 2022

Advising Theses

Balcı C., HİPOTANSİF ANESTEZİ UYGULANAN HASTALARDA PEROPERATİF OKSİJEN REZERV İNDEKS İLE PERİFERİK OKSİJEN SATÜRASYONU VE PARSİYEL ARTERİYEL OKSİJEN BASINÇ DEĞERLERİNİN KORELASYONUNUN ARAŞTIRILMASI, Expertise In Medicine, H.Sarızeybek(Student), 2020
Balcı C., Travmatik beyin hasarı nedeniyle artmış kafa içi basıncının saptanmasında ultrason eşliğinde gerçekleştirilen optik sinir kılıfı çapı ölçümlerinin, beyin dokusunun tomografik değerlendirmesi ile karşılaştırılması, Expertise In Medicine, A.ACAR(Student), 2020
Balcı C., Çocuklarda operasyon öncesi bilgilendirmenin preoperatif ve postoperatif anksiyete üzerine etkisinin araştırılması, Expertise In Medicine, U.YÖRÜKOĞLU(Student), 2017
Balcı C., Sepsis, ağır sepsis ve septik şok hastalarında trombosit, lökosit, TNF-alfa ve IL-6 değerlerinin mortalite ve morbitide üzerine etkisinin araştırılması,, Expertise In Medicine, U.AY(Student), 2016
Balcı C., Septik şok hastalarında sıvı yönetiminde kardiyak output, kardiyak indeks, strok volüm ve strok volüm indeksi hemodinamik monitörizasyonun kullanımının tedaviye etkinliğinin araştırılması, Expertise In Medicine, U.Öztürk(Student), 2016
Balcı C., Sepsis, ağır sepsis ve septik şok hastalarında lökosit, TNF-alfa, IL-10, IL-4 ve Prokalsitonin değerlerinin mortalite ve morbitide üzerine etkisinin araştırılması, Expertise In Medicine, U.Elif(Student), 2015
Balcı C., Deneysel Hayvan Modelinde Bupivakain, Levobupivakain ve Ropivakainin Toksik Dozlarının Kardiyovasküler Sistem Üzerine Etkilerinin Karşılaştırılması”, Expertise In Medicine, U.Özlem(Student), 2008
Balcı C., Deneysel Olarak Oluşturulan Abdominal Kompartman Sendromunun Gastroözefagial Reflü ve Akciğer Aspirasyonu Oluşumu Üzerine Etkisi, Expertise In Medicine, U.halil(Student), 2007

Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, Kütahya Health Sciences University, January, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effectiveness of air purifiers in intensive care units: an intervention study**
ARIKAN İ., GENÇ Ö., Uyar C., Tokur M. E., BALCI C., Renders D. P.
JOURNAL OF HOSPITAL INFECTION, vol.120, pp.14-22, 2022 (Peer-Reviewed Journal)
- II. **Superior Hypogastric Plexus Blocks for Postoperative Pain Management in Abdominal Hysterectomies**
Aytuluk H. G., Kale A., Astepe B. S., Basol G., Balci C., ÇOLAK T.
CLINICAL JOURNAL OF PAIN, vol.36, no.1, pp.41-46, 2020 (Peer-Reviewed Journal)
- III. **The Influence of Metabolic Syndrome on Acute Kidney Injury Occurrence after Coronary Artery Bypass Grafting**
Kunt A. T., Parlar H., Findik O., Duzyol C., Baris O., Balci C.
HEART SURGERY FORUM, vol.19, no.3, 2016 (Peer-Reviewed Journal)
- IV. **Ticagrelor Attenuates Apoptosis of Lung and Myocardial Cells Induced by Abdominal Aorta Ischemia/Reperfusion**
FINDIK O., TEKELİ KUNT A., YAZIR Y., YARDIMOĞLU YILMAZ M., GÜLEÇ YILMAZ G. S., AYDIN U., RENÇBER S. M., AKAN Ö. B., BARIŞ Ö., BALCI C., et al.
In Vivo, vol.30, pp.243-249, 2016 (Peer-Reviewed Journal)
- V. **Urine Output during Cardiopulmonary Bypass Predicts Acute Kidney Injury after Coronary Artery Bypass Grafting**
Yilmaz M., Aksoy R., Yilmaz V. K., Balci C., Duzyol C., Kunt A. T.
HEART SURGERY FORUM, vol.19, no.6, 2016 (Peer-Reviewed Journal)
- VI. **The Effect of Lidocaine and Amiodarone on Prevention of Ventricular Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting**
Yilmaz M., Aydin U., Arslan Z. I., Balci C., Kocogullari C. U., Ata Y., Turk T.
HEART SURGERY FORUM, vol.17, no.5, 2014 (Peer-Reviewed Journal)
- VII. **Comparison of Size 2 LMA-ProSeal (TM) and LMA-Supreme (TM) in Spontaneously Breathing Children: a Randomised Clinical Trial**
Arslan Z. I., Balci C., Oysu D. A., Yilmaz M., Gurbuz N., Ilce Z.
BALKAN MEDICAL JOURNAL, vol.30, no.1, pp.90-93, 2013 (Peer-Reviewed Journal)
- VIII. **Effects of abdominal compartment syndrome on gastric emptying time**
Balci C., Kaya E., Demirkan P., Sivaci R., Ibis A. H., Akbulut G., Ela Y.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.113, no.2, pp.99-102, 2012 (Peer-Reviewed Journal)
- IX. **Determining entropy values equivalent to the bispectral index values during sevoflurane anaesthesia**
Balci C., Karabekir H., Sivaci R.
ARCHIVES OF MEDICAL SCIENCE, vol.6, no.3, pp.370-374, 2010 (Peer-Reviewed Journal)
- X. **Procalcitonin Levels as an Early Marker in Patients with Multiple Trauma under Intensive Care**
Balci C., Sivaci R., Akbulut G., Karabekir H. S.
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.37, no.6, pp.1709-1717, 2009 (Peer-Reviewed Journal)
- XI. **Comparison of Entropy and Bispectral Index during Propofol and Fentanyl Sedation in Monitored Anaesthesia Care**
Balci C., Karabekir H. S., Kahraman F., Sivaci R. G.
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.37, no.5, pp.1336-1342, 2009 (Peer-Reviewed Journal)
- XII. **Circulating complement (C3 and C4) for differentiation of SIRS from sepsis**

- Sungurtekin H., Sungurtekin U., Balci C.
ADVANCES IN THERAPY, vol.23, no.6, pp.893-901, 2006 (Peer-Reviewed Journal)
- XIII. **Evaluation of several clinical scoring tools in organophosphate poisoned patients**
Sungurtekin H., Gurses E., Balci C.
CLINICAL TOXICOLOGY, vol.44, no.2, pp.121-126, 2006 (Peer-Reviewed Journal)
- XIV. **The influence of nutritional status on complications after major intraabdominal surgery**
Sungurtekin H., Sungurtekin U., Balci C., Zencir M., Erdem E.
JOURNAL OF THE AMERICAN COLLEGE OF NUTRITION, vol.23, no.3, pp.227-232, 2004 (Peer-Reviewed Journal)
- XV. **Usefulness of procalcitonin for diagnosis of sepsis in the intensive care unit**
Balci C., Sungurtekin H., Gurses E., Sungurtekin U., Kaptanoglu B.
CRITICAL CARE, vol.7, no.1, pp.85-90, 2003 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Evaluation of the efficacy of immune plasma treatment in COVID19 infected intensive care unit patients**
Yıldız E., Tokur M. E. , Özel B., Arık Ö., Balcı C.
Iberoamerican Journal of Medicine, vol.4, no.1, pp.37-44, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Enteral Formül Seçimi ve Enteral Ürünler**
Balci C.
in: Kritik Hasta ve Nutrisyon, Prof.Dr.Hülya Sungurtekin, Editor, Nobel Yayın Dağıtım, Ankara, pp.111-119, 2020
- II. **Nikotin**
Balci C.
in: Zehirlenmeler ve Akıl Notları, Hülya Ulusoy, Editor, Güneş Kitabevi, Ankara, pp.643-646, 2019
- III. **Yoğun bakımda kan ve kan ürünleri transfüzyonu**
Balci C.
in: Olgularla Yoğun Bakım Protokolleri,, Nimet Şenoğlu, Editor, Nobel Yayın Dağıtım, Ankara, pp.719-733, 2019
- IV. **Antikoagülanlar, a. K1 Vitamini b. Protamin''**
Balci C.
in: Zehirlenmeler ve Akıl Notları, Hülya Ulusoy, Editor, Güneş Kitabevi, Ankara, pp.463-468, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Yoğun Bakım Ünitesinde Hava Temizleme Cihazının Etkinliği:Müdahale Çalışması**
ARIKAN İ., GENÇ Ö., Uyar c., TOKUR M. E. , BALCI C., PERÇİN RENDERS D.
12. Uluslararası Sterilizasyon Dezenfeksiyon Kongresi, Antalya, Turkey, 9 - 12 December 2021
- II. **Investigation of the correlation between perioperative oxygen reserve index and peripheral oxygen saturation and partial arterial oxygen pressure values in patients undergoing hypotensive anesthesia**
Balci C., Sarızeybek H.
40 TH International Symposium on Intensive Care&Emergency MEDİCİNE 2021, Brussels, Belgium, 31 August - 03 October 2021, pp.90
- III. **Determination of side effects seen in healthcare workers after COVID-19 vaccine in Türkiye**
Balci C., Ak Ö., Perçin Renders D., Yıldız E.
ESICM LIVES 2021, Berlin, Germany, 3 - 06 October 2021, vol.9, no.51, pp.76

- IV. **Evaluation of early and late complications of Percutaneous Treceostomy performed with Combined Forceps and Dilatation Method in COVID 19 Intensive Care Unit**
Balci C., Tokur M. E. , Yıldız E.
esicm lives 2021, Berlin, Germany, 3 - 06 October 2021, vol.91, pp.102
- V. **Evaluation of early and late complications in our Percutaneous tracheomies opened with the Combined Forceps and Dilatation Method (CFDY)**
Balci C., Tokur M. E. , Yıldız E., Demir L., Dinler M., Turgut Aksu M. K.
ESICMLIVES 2021, Berlin, Germany, 3 - 06 October 2021, pp.102
- VI. **Incidence of Submassive Pulmonary Embolism in Intensive Care Unit (NONCOVID19) and Our Results After Thrombolytic Therapy**
Balci C., Yıldız E., Özel B., Güneş A.
ESICM LIVES 2021, Berlin, Germany, 3 - 06 October 2021, pp.102
- VII. **Does hemoperfusion therapy affect survival in patients with sepsis?**
Balci C.
40th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 24 March 2020, vol.24, no.1, pp.23
- VIII. **Yoğun bakımda Forseps Dilatasyon Yöntemi ve Sıralı Dilatasyon Yönteminin kombinasyonu ile açtığımız perkütan trakeostomilerin değerlendirilmesi**
Balci C.
TARK2019, Antalya, Turkey, 3 - 07 November 2019, pp.146
- IX. **Determination of BIS and NIRS values in braine death**
Balci C.
22nd International Intensive Care Symposium, İstanbul, Turkey, 3 - 05 May 2019
- X. **Effects of intermittent and continuos renal replacement treatments on mortality intensive care**
Balci C.
22nd International Intensive Care Symposium, İstanbul, Turkey, 03 May 2019 - 05 January 2020
- XI. **Determination of BIS values in braine death**
Balci C.
22nd International Intensive Care Symposium, İstanbul, Turkey, 03 May 2019 - 05 January 2020, pp.15
- XII. **Determination of nirs and bis values in traumatic braine injury patiens**
Balci C.
39th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 19 March 2019 - 23 January 2020, vol.23, pp.101
- XIII. **Research of leukocyte, TNF-alpha, IL-10, IL-4 and procalcitonin levels in mortality and morbidity in patients with sepsis, severe sepsis and septic shock**
Balci C.
ESICM LIVES, Paris, France, 20 - 24 October 2018, vol.6, pp.421-422
- XIV. **Research of the treatment effectiveness of the usage of hemodynamic monitosisation which includes cardiac output, cardiac index, stroke volume index in fluid management in septic shock patient**
Balci C.
21 st International Intensive Care Symposium, İstanbul, Turkey, 3 - 05 May 2017
- XV. **Usefulness of Heparin-binding Protein in early Diagnosis of Sepsis Shock**
Balci C.
38th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 23 March 2018 - 27 January 2020, vol.22, pp.15
- XVI. **Prevalence of intensive care infections in the research center of Kocaeli**
Balci C.
30th ESICM Annual Congress, Milan, Italy, 1 - 05 October 2016, vol.4, pp.62
- XVII. **Cerebral oximetry assessed by near infrared spectrometry in patients with postresucitation syndrome**
Balci C.

Supported Projects

GÜLCAN A., ERBAY Ü., ATLANOĞLU Ş., BALCI C., ARIKAN İ., TOKUR M. E. , GENÇ Ö., PERÇİN RENDERS D., MARIM F., PARSPUR Ş. E. , Project Supported by Higher Education Institutions, PCR NEGATİF COVID19 ŞÜPHELİ VAKALARDA İMMÜNOKROMATOGRAFİK TEST İLE ELİSA ANTİKOR TESTLERİNİN HASTALIĞIN TANISI VE YÖNETİMİNE KATKISININ DEĞERLENDİRİLMESİ, 2020 - 2022

Activities in Scientific Journals

Kocaeli Tıp Dergisi, Committee Member, 2012 - Continues

Memberships / Tasks in Scientific Organizations

Klinik Toksikoloji Derneği, Member, 2017 - Continues

Rejyonel Anestezi Derneği Üyeliği, Member, 2015 - Continues

European Society of Intensive Care, Principal Member, 2015 - Continues

Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği, Member, 2014 - Continues

Türk Anesteziyoloji ve Reanimasyon Derneği Üyeliği , Principal Member, 2003 - Continues

Türk Yoğun Bakım Derneği Üyeliği, Principal Member, 2003 - Continues

European Society of Rejonal Anaesthesia, Member, 2018 - 2019

American Society of Anesthesiologists, Member, 2017 - 2018

Tasks In Event Organizations

Balci C., Yoğun Bakımcı Gözüyle Palyatif Bakım, Scientific Congress, Kütahya, Turkey, Kasım 2019

Balci C., 1.Kütahya Nutrisyon Günleri, Scientific Congress, Kütahya, Turkey, Eylül 2019

Balci C., 3. Organ Nakli Ve Güncel Sorunlar Farkındalık Sempozyumu, Scientific Congress, Kocaeli, Turkey, Kasım 2017

Balci C., II.Organ Bağıışı Sempozyumu, Scientific Congress, Kocaeli, Turkey, Kasım 2017

Metrics

Publication: 42

Citation (WoS): 432

Citation (Scopus): 529

H-Index (WoS): 5

H-Index (Scopus): 7

Congress and Symposium Activities

Türk Anesteziyoloji Derneği Kongresi, Invited Speaker, Antalya, Turkey, 2019

Türk Anesteziyoloji Derneği Kongresi, Working Group, Antalya, Turkey, 2019

1. Yoğun bakımcı gözüyle palyatif bakım, Moderator, Kütahya, Turkey, 2019

I.Kütahya Nutrisyon Günleri, Working Group, Kütahya, Turkey, 2019

22nd International Intensive Care Symposium, Moderator, İstanbul, Turkey, 2019

22nd International Intensive Care Symposium, Moderator, İstanbul, Turkey, 2019
Sağlık Bilimleri Üniversitesi İstanbul Şehir Toplantıları, Working Group, İstanbul, Turkey, 2019
39th International Symposium on Intensive Care and Emergency Medicine, Working Group, Brussels, Belgium, 2019
Türk Anesteziyoloji Derneği Kongresi, Invited Speaker, Antalya, Turkey, 2019
Dahili Cerrahi Yoğun ve Yoğun Bakım Kongresi, Invited Speaker, Antalya, Turkey, 2018
Dahili Cerrahi Yoğun ve Yoğun Bakım Kongresi, Working Group, Antalya, Turkey, 2018
Türk Anesteziyoloji Derneği Kongresi, Working Group, Antalya, Turkey, 2018
ESICM LIVES 2018, Working Group, Paris, France, 2018
2.Ebelik Sempozyumu, Working Group, Kocaeli, Turkey, 2018
19. Ulusal Yoğun Bakım Kongresi, Invited Speaker, Antalya, Turkey, 2018
18. Ulusal Yoğun Bakım Kongresi, Session Moderator, Antalya, Turkey, 2018
19. Ulusal Yoğun Bakım Kongresi, Working Group, Antalya, Turkey, 2018
38th International Symposium on Intensive Care and Emergency Medicine, Working Group, Brussels, Belgium, 2018
1.Anesteziyoloji Ve Reanimasyon Sempozyumu, Working Group, İstanbul, Turkey, 2017
3.Organ Bağışı ve Güncel Sorunlar Farkındalık Sempozyumu, Working Group, Kocaeli, Turkey, 2017
V.Abant Anestezi Sempozyumu, Working Group, Bolu, Turkey, 2017
V.Abant Anestezi Sempozyumu, Invited Speaker, Bolu, Turkey, 2017
2.Organ Bağışı ve Güncel Sorunlar Farkındalık Sempozyumu, Working Group, Kocaeli, Turkey, 2016
Türk Anesteziyoloji Derneği Kongresi,, Working Group, İstanbul, Turkey, 2016
Türk Anesteziyoloji Derneği Kongresi, Session Moderator, İstanbul, Turkey, 2016
18. Ulusal Yoğun Bakım Kongresi, Invited Speaker, Antalya, Turkey, 2016
18. Ulusal Yoğun Bakım Kongresi, Working Group, Antalya, Turkey, 2016

Awards

Balcı C., Ticagrelor attenuates apoptosis of lung and myocardial cells induced by abdominal aorta ischemia/reperfusion in a rat model, International Congress Update İn Cardiology And Cardiovascular Surgery, March 2016

Non Academic Experience

Hospital, cerrahi