

# Prof. GÜL GÜRSEL

## Personal Information

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## International Researcher IDs

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## Education Information

Post Doctorate of Medicine, Gazi University, Tıp Fakültesi, Turkey 2009 - 2012

Expertise In Medicine, Gazi University, Tıp Fakültesi, Turkey 1989 - 1993

Undergraduate, Ankara University, Ankara Tıp Fakültesi, Ankara Tıp Pr., Turkey 1982 - 1988

## Foreign Languages

English, C1 Advanced

## Research Areas

Infectious Diseases and Clinical Microbiology, Chest Diseases and Allergy, Internal Diseases , Cardiovascular, Radiodiagnostic

## Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1988 - Continues

## Courses

Solunum yetmezliği, Undergraduate, 2020 - 2021

## Advising Theses

GÜRSEL G., Risk Factors Of Prolonged Intensive Care Unit Stay In Patients With Hypercapnic Respiratory Failure, Expertise In Medicine, D.Nurgul(Student), 2020

GÜRSEL G., Comparison of pressure support (bi&#775;pap-S) and volume assured pressure support (s-avaps) modes in acute hypercapnic respiratory failure and determination of the effect of patient position on carbondioxide decline, Expertise In Medicine, M.Türk(Student), 2014

GÜRSEL G., Akut hiperkapnik solunum yetmezliğinde basınç desteği (bipap-s) ile volüm hedefli basınç desteği (S-avaps) modlarının karşılaştırılması ve hasta pozisyonunun karbondioksit yanıtı üzerine etkisinin araştırılması, Expertise In Medicine, M.TÜRK(Student), 2014

GÜRSEL G., Nonventilatory factors associated with get down the level of paco2 determine in patients with hypercapnic respiratory failure, Expertise In Medicine, S.TAŞYÜRK(Student), 2013

GÜRSEL G., MEKANİK VENTİLATÖRDE İZLENEN HASTALARDA YATIS KAPNOGRAF ÖLÇÜMLERİNİN EKSTÜBASYON BASARISINI DEGERLENDİRMEDEKİ YERİ YOGUN BAKIM ÜST İHTİSASI, Expertise In Medicine, E.ÖZYILMAZ(Student), 2009

GÜRSEL G., Mekanik ventilatörde izlenen hastalarda yatış kapnograf ölçümlerinin ekstübasyon başarısını değerlendirmedeki yeri, Expertise In Medicine, E.ÖZYILMAZ(Student), 2009

GÜRSEL G., HIZLI YÜZEYEL SOLUNUM İNDEKSİNİ MEKANİK VENTİLYASYON SIRASINDA EN İYİ TAHMİN EDEN MOD VE BASINÇLARIN KOMBİNASYONUNUN BELİRLENMESİ, Expertise In Medicine, S.DEMİRTAS(Student), 2008

GÜRSEL G., Hızlı yüzeyel solunum indeksini mekanik ventilasyon sırasında en iyi tahmin eden mod ve basınçların kombinasyonunun belirlenmesi, Expertise In Medicine, Ş.DEMİRTAŞ(Student), 2008

GÜRSEL G., Mekanik ventilasyon tedavisi alan hastalarda ısıtıcı nemlendirici ile ısı ve nem değişimi yapan filtre ile beraber booster kullanımının klinik ve bakteriyolojik açıdan karşılaştırılması, Expertise In Medicine, T.NADİR(Student), 2007

GÜRSEL G., Mekanik ventilasyon tedavisi gerektiren hastalarda ventilatörden ayırma (weaning) ve serum kortizol düzeyleri arasındaki ilişkinin araştırılması, Expertise In Medicine, E.REYHAN(Student), 2006

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, November, 2022  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, May, 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of different definitions of hepatic injury on incidence and mortality rates in the ICU patient population with secondary hepatic injury**  
GÜRSEL G., Mammadova A., Aydin E. M., ÇINAR Z., Navruzvai N., Kodalak S.  
MEDICINA INTENSIVA, vol.48, no.11, pp.646-653, 2024 (SCI-Expanded)
- II. **Performance of handheld ultrasound devices in diagnosis of pulmonary hypertension and right heart dysfunction in ICU patients**  
Dayioglu M., GÜRSEL G., Ozercan S., Aydin E. M., Nadastepe O.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.41, no.1, 2024 (SCI-Expanded)
- III. **Assessment of different computing methods of inspiratory transpulmonary pressure in patients with multiple mechanical problems**  
Inci K., Boyaci N., Kara I., GÜRSEL G.  
JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol.36, no.4, pp.1173-1180, 2022 (SCI-Expanded)
- IV. **Are pocket sized ultrasound devices sufficient in the evaluation of lung ultrasound patterns and aeration scoring in pulmonary ICU patients?**  
Guney T., GÜRSEL G., Ozdemir U., Tekin O., Cimen M., Mamadova A., Karaaslan N.  
JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol.35, no.6, pp.1491-1499, 2021 (SCI-Expanded)
- V. **Does it make difference to measure diaphragm function with M mode (MM) or B mode (BM)?**  
Kalin B. S., GÜRSEL G.  
JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol.34, no.6, pp.1247-1257, 2020 (SCI-Expanded)
- VI. **The usefulness of subxiphoid view in the evaluation of acceleration time and pulmonary hypertension in ICU patients**  
GÜRSEL G., Ozdemir U., Guney T., Karaaslan N., Tekin O., Ozturk B.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.37, no.9, pp.1345-1352, 2020 (SCI-Expanded)

- VII. **Validity and reliability of pocket-sized ultrasound devices in measurement of optic nerve sheath diameter in ICU patients**  
Ozdemir U, Cimen M, Guney T, GÜRSEL G.  
JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol.34, no.3, pp.597-605, 2020 (SCI-Expanded)
- VIII. **Respiratory Muscle Effort during Weaning: Comment.**  
Ozdemir U, Gursel G, Esquinas A. M.  
Anesthesiology, vol.130, no.5, pp.856-857, 2019 (SCI-Expanded)
- IX. **Noninvasive auto-titrating ventilation (AVAPS-AE) versus average volume-assured pressure support (AVAPS) ventilation in hypercapnic respiratory failure patients: reply**  
Zerman A, AYDOĞDU M, GÜRSEL G.  
INTERNAL AND EMERGENCY MEDICINE, vol.13, no.6, pp.981-982, 2018 (SCI-Expanded)
- X. **The impact of frailty on noninvasive mechanical ventilation in elderly medical intensive care unit patients**  
Kara I, AYDOĞDU M, GÜRSEL G.  
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.30, no.6, pp.683, 2018 (SCI-Expanded)
- XI. **Noninvasive auto-titrating ventilation (AVAPS-AE) versus average volume-assured pressure support (AVAPS) ventilation in hypercapnic respiratory failure patients**  
GÜRSEL G, Zerman A, Basarik B, Gonderen K, AYDOĞDU M, Memmedova S.  
INTERNAL AND EMERGENCY MEDICINE, vol.13, no.3, pp.359-365, 2018 (SCI-Expanded)
- XII. **The impact of frailty on noninvasive mechanical ventilation in elderly medical intensive care unit patients**  
Kara I, Yildirim F, Zerman A, Gullu Z, Boyaci N, Aydogan B. B., Gaygisiz Ü, Gonderen K, Arik G, Turkoglu M, et al.  
AGING CLINICAL AND EXPERIMENTAL RESEARCH, no.4, pp.359-366, 2018 (SCI-Expanded)
- XIII. **Saccharomyces cerevisiae fungemia after probiotic treatment in an intensive care unit patient**  
Kara I, YILDIRIM F, Ozgen Ö, Erganis S, Aydogdu M, DİZBAY M, Gursel G, KALKANCI A.  
JOURNAL DE MYCOLOGIE MEDICALE, vol.28, no.1, pp.218-221, 2018 (SCI-Expanded)
- XIV. **Can admission serum cystatin C level be an early marker subclinical acute kidney injury in critical care patients?**  
Gaygisiz Ü, AYDOĞDU M, Badoglu M, Boyaci N, Gullu Z, GÜRSEL G.  
Scandinavian journal of clinical and laboratory investigation, vol.76, no.2, pp.143-50, 2016 (SCI-Expanded)
- XV. **A promising marker in early diagnosis of septic acute kidney injury of critically ill patients: urine insulin like growth factor binding protein-7**  
Aydogdu M, Boyaci N, Yuksel S, GÜRSEL G, Sivri A. B. C.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.76, no.5, pp.402-410, 2016 (SCI-Expanded)
- XVI. **Evaluation of Risk Factors for Invasive Pulmonary Aspergillosis and Detection of Diagnostic Values of Galactomannan and PCR Methods in Bronchoalveolar Lavage Samples From Non-Neutropenic Intensive Care Unit Patients**  
Ozger S, HIZEL K, KALKANCI A, AYDOĞDU M, Civil F, DİZBAY M, GÜRSEL G.  
MIKROBIYOLOJİ BULTENİ, vol.49, no.4, pp.565-575, 2015 (SCI-Expanded)
- XVII. **The use of plasma and urine neutrophil gelatinase associated lipocalin (NGAL) and Cystatin C in early diagnosis of septic acute kidney injury in critically ill patients**  
AYDOĞDU M, GÜRSEL G, Sancak B, Yeni S, Sari G, Tasyurek S, Turk M, Yuksel S, Senez M, Ozis T. N.  
DISEASE MARKERS, vol.34, no.4, pp.237-246, 2013 (SCI-Expanded)
- XVIII. **A case of ulcerative colitis complicated with bronchiolitis obliterans organizing pneumonia (BOOP) and air leak syndrome**  
AYDOĞDU M, GÜRSEL G, Ozyilmaz E, AKYÜREK N, Memis L.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.23, no.5, pp.590-595, 2012 (SCI-Expanded)
- XIX. **Factors associated with noninvasive ventilation response in the first day of therapy in patients with hypercapnic respiratory failure**  
GÜRSEL G, AYDOĞDU M, Tasyurek S, GÜLBAŞ G, Ozkaya S, Nazik S, Demir A.

ANNALS OF THORACIC MEDICINE, vol.7, no.2, pp.92-97, 2012 (SCI-Expanded)

- XX. **The influence of severe obesity on non-invasive ventilation (NIV) strategies and responses in patients with acute hypercapnic respiratory failure attacks in the ICU**  
Gursel G., Aydogdu M., Gulbas G., Ozkaya S., Tasyurek S., Yildirim F.  
MINERVA ANESTESIOLOGICA, no.1, pp.17-25, 2011 (SCI-Expanded)
- XXI. **Comparison of the value of initial and serial endotracheal aspirate surveillance cultures in predicting the causative pathogen of ventilator-associated pneumonia**  
GÜRSEL G., AYDOĞDU M., Ozis T. N., Tasyurek S.  
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.42, no.5, pp.341-346, 2010 (SCI-Expanded)
- XXII. **Predictive Factors for Septic Shock in Patients with Ventilator-Associated Pneumonia**  
AYDOĞDU M., GÜRSEL G.  
SOUTHERN MEDICAL JOURNAL, vol.101, no.12, pp.1222-1226, 2008 (SCI-Expanded)
- XXIII. **Risk factors for treatment failure in patients with ventilator-associated pneumonia receiving appropriate antibiotic therapy.**  
Gursei G., AYDOĞDU M., Ozyilmaz E., Ozis T. N.  
Journal of critical care, vol.23, no.1, pp.34-40, 2008 (SCI-Expanded)
- XXIV. **Incidence and risk factors for the development of acute renal failure in patients with ventilator-associated pneumonia.**  
Gursel G., Demir N.  
Nephrology (Carlton, Vic.), vol.11, no.3, pp.159-64, 2006 (SCI-Expanded)
- XXV. **Does coexistence with bronchiectasis influence intensive care unit outcome in patients with chronic obstructive pulmonary disease?**  
Gursel G.  
Heart & lung : the journal of critical care, vol.35, no.1, pp.58-65, 2006 (SCI-Expanded)
- XXVI. **Value of APACHE II, SOFA and CPIS scores in predicting prognosis in patients with ventilator-associated pneumonia.**  
Gursel G., Demirtas S.  
Respiration; international review of thoracic diseases, vol.73, no.4, pp.503-8, 2006 (SCI-Expanded)
- XXVII. **Determinants of the length of mechanical ventilation in patients with COPD in the intensive care unit.**  
Gursel G.  
Respiration; international review of thoracic diseases, vol.72, no.1, pp.61-7, 2005 (SCI-Expanded)
- XXVIII. **Is the fall in platelet count associated with intensive care unit acquired pneumonia?**  
Oguzulgen İ. K., Ozis T., Gursel G.  
Swiss medical weekly, vol.134, pp.430-4, 2004 (SCI-Expanded)
- XXIX. **[Respiratory monitoring during mechanical ventilation: II].**  
Gürsel G.  
Tuberkuloz ve toraks, vol.51, pp.100-6, 2003 (SCI-Expanded)
- XXX. **Monitoring of incidence and resistance patterns of multiresistant pathogens in ventilator-associated pneumonia**  
Gursel G., Kyrysoglu C., Dizbay M., Arman D.  
INTENSIVE CARE MEDICINE, vol.27, 2001 (SCI-Expanded)
- XXXI. **Relationship between pulmonary function and exercise tolerance in patients with ankylosing spondylitis.**  
Seckin U., Bolukbasi N., Gursel G., Eroz S., Sepici V., Ekim N.  
Clinical and experimental rheumatology, vol.18, no.4, pp.503-6, 2000 (SCI-Expanded)
- XXXII. **Hospital based survey of lung cancer in Turkey, a developing country, where smoking is highly prevalent**  
Gursel G., Levent E., Ozturk C., Karalezli A.  
LUNG CANCER, vol.21, no.2, pp.127-132, 1998 (SCI-Expanded)
- XXXIII. **Comparison of sputum and serum eosinophil cationic protein (ECP) levels in nonatopic asthma and chronic obstructive pulmonary disease.**

Gursel G., Turktas H., Gokcora N., Tekin I.

The Journal of asthma : official journal of the Association for the Care of Asthma, vol.34, no.4, pp.313-9, 1997 (SCI-Expanded)

**XXXIV. Tumor necrosis factor-alpha (TNF-alpha) in pleural fluids.**

Gürsel G., Gökçora N., Elbeg S., Samurkaşoğlu B., Ekim N.

Tubercle and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease, vol.76, pp.370-1, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Accuracy of Pocket-sized Ultrasound Devices to Evaluate Inferior Vena Cava Diameter and Variability in Critically Ill Patients**  
İNÇİ K., GÜRSEL G.  
Indian Journal of Critical Care Medicine, vol.28, no.4, pp.369-374, 2024 (ESCI)
- II. **Impact of neurological problems on mechanical ventilation and ICU outcomes in the pulmonary ICU patients.**  
Çınar Z., Aydın E. M., Naurzvai N., Mammadova A., Kodalak S., Abbasova A., Gürsel G.  
Monaldi archives for chest disease = Archivio Monaldi per le malattie del torace, vol.94, 2024 (ESCI)
- III. **Risk Factors for Prolonged Intensive Care Unit Stay in Patients with Hypercapnic Respiratory Failure**  
Naurzvai N., Mammadova A., Gürsel G.  
Reviews on Recent Clinical Trials, vol.18, no.2, pp.129-139, 2023 (ESCI)
- IV. **Value of Rox Index to Predict Intubation and Intensive Care Unit Outcome in Patients with Respiratory Failure.**  
Mammadova A., Eriş E., Solmaz Z. S., Kara A. T., Atasoy A., Gürsel G.  
Reviews on recent clinical trials, vol.17, pp.187-194, 2022 (ESCI)
- V. **Feasibility of Transcutaneous Method for Carbon Dioxide Monitoring in an Intensive Care Unit**  
Boyacı N., Mammadova S., Naurizbay N., Guleryuz M., İnci K., GÜRSEL G.  
CURRENT RESPIRATORY MEDICINE REVIEWS, vol.18, no.1, pp.29-33, 2022 (ESCI)
- VI. **The Role of LVOT-VTI Measurement in the Evaluation of Systolic Heart Function in Pulmonary ICU Patients**  
ÇİMEN M., Eyuboglu S., ÖZDEMİR U., Kalin B. S., Guney T., GÜRSEL G.  
CURRENT RESPIRATORY MEDICINE REVIEWS, vol.16, no.4, pp.234-239, 2020 (ESCI)
- VII. **Current statement of intensive care units in Turkey: Data obtained from 67 centers**  
Ediboglu O., Mocin O. Y., ÖZYILMAZ E., Salturk C., Onalan T., SEYDAOĞLU G., Celikel T., Arikan H., Ataman S., Kirakli C., et al.  
Turkish Thoracic Journal, vol.19, no.4, pp.209-215, 2018 (Scopus)
- VIII. **Pulmonary artery leiomyosarcoma: A clinical dilemma**  
YILMAZ DEMİRÇİ N., Naurzvai N., Kirbas I., AKYÜREK N., GÜRSEL G., ÖZTÜRK C.  
LUNG INDIA, vol.35, no.2, pp.164-167, 2018 (ESCI)
- IX. **Can Diaphragm Dysfunction Be Reliably Evaluated with Pocket-Sized Ultrasound Devices in Intensive Care Unit?**  
GÜRSEL G., İnci K., Alasgarova Z.  
CRITICAL CARE RESEARCH AND PRACTICE, 2018 (ESCI)
- X. **Effects of Modes, Obesity, and Body Position on Non-invasive Positive Pressure Ventilation Success in the Intensive Care Unit: A Randomized Controlled Study**  
Turk M., AYDOĞDU M., GÜRSEL G.  
TURKISH THORACIC JOURNAL, vol.19, no.1, pp.28-35, 2018 (ESCI)
- XI. **Hastanede gelişen pnömoni nedeniyle kolistin ile tedavi edilen olgularda nefrotoksisite ve prognozun değerlendirilmesi**  
Evaluation of nephrotoxicity and prognosis in patients treated with colistin due to hospital-acquired pneumonia

Töreyin N., Takır H., Balcı M., GÜRSEL G., AYDOĞDU M., GAYGISIZ Ü., KORKMAZ EKREN P., ERGAN B., yalçın A., Saltürk C., et al.

Tüberküloz ve toraks, vol.65, no.4, 2017 (Scopus)

- XII. **Effects of Atrial Fibrillation on Intensive Care Unit Outcomes in Patients with Respiratory Failure**  
AYDOĞDU M., Hanazay C., Aldag Y., Baha A., Bilgin S., GÜRSEL G.  
JOURNAL OF MEDICAL AND SURGICAL INTENSIVE CARE MEDICINE, vol.8, no.2, pp.32-38, 2017 (ESCI)
- XIII. **Atrial Fibrilasyonun Solunum Yetmezliği Hastalarının Yoğun Bakım Sonuçlarına Etkisi**  
AYDOĞDU M., HANAZAY Ç., ALDAĞ Y., BAHA A., BİLGİN S., GÜRSEL G.  
Dahili ve Cerrahi Bilimler Yoğun Bakım Dergisi, vol.8, no.2, pp.32-38, 2017 (Peer-Reviewed Journal)
- XIV. **Evaluation of nephrotoxicity and prognosis in patients treated with colistin due to hospital-acquired pneumonia Hastane kökenli pnömoni nedeniyle kolistin ile tedavi edilen olgularda nefrotoksisite ve prognozun değerlendirilmesi**  
KORKMAZ EKREN P., Toreyin Z. N., Berk Takir H., Kalamanoğlu Balcı M., Gaygisiz Ü., GÜRSEL G., Ergan B., Yalcin A., Salturk C., AYDOĞDU M., et al.  
Tuberkuloz ve Toraks, vol.65, no.4, pp.271-281, 2017 (Scopus)
- XV. **Determining The Pressure Combination During Mechanical Ventilation that is Best Compatible with the Rapid Shallow Breathing Index Calculated in Spontaneous Ventilation**  
YILMAZ Ş., AYDOĞDU M., GÜRSEL G.  
EURASIAN JOURNAL OF PULMONOLOGY, vol.18, no.3, pp.127-132, 2016 (ESCI)
- XVI. **Idiopathic Pleuroparenchymal Fibroelastosis as a Rare Entity within Idiopathic Interstitial Pneumonias: A Case Report**  
YILDIRIM F., AYDOĞDU M., ERBAŞ G., MEMİŞ L., kara i., YILMAZ DEMİRCİ N., GÜRSEL G., TÜRKTAŞ H. Ş.  
Diagnostic Pathology: Open Access, vol.1, no.2, 2016 (Peer-Reviewed Journal)
- XVII. **Evaluation of Risk Factors for Invasive Pulmonary Aspergillosis and Detection of Diagnostic Values of Galactomannan and PCR Methods in Bronchoalveolar Lavage Samples From Non-Neutropenic Intensive Care Unit Patients**  
ÖZGER S., HIZEL K., KALKANCI A., AYDOĞDU M., CİVİL F., DİZBAY M., GÜRSEL G.  
Mikrobiyoloji Bülteni, vol.49, no.4, pp.565-575, 2015 (Peer-Reviewed Journal)
- XVIII. **The role of physiologic dead space measurement in predicting extubation success**  
ÖZYILMAZ SARAÇ E., AYDOĞDU M., GÜRSEL G.  
Tüberküloz ve toraks, vol.58, no.2, pp.154-161, 2010 (Scopus)
- XIX. **Mortality prediction in community acquired pneumonia requiring mechanical ventilation values of pneumonia and intensive care unit severity scores**  
AYDOĞDU M., ÖZYILMAZ SARAÇ E., GÜRSEL G., EKİM N. N.  
Tüberküloz toraks, vol.58, no.1, pp.28-34, 2010 (Peer-Reviewed Journal)
- XX. **The role of physiologic dead space measurement in predicting extubation success**  
ÖZYILMAZ E., AYDOĞDU M., GÜRSEL G.  
Tüberküloz ve Toraks, vol.58, no.2, pp.154-161, 2010 (Scopus)
- XXI. **Patient-ventilator interaction**  
GÜRSEL G., AYDOĞDU M.  
Tüberküloz ve Toraks, vol.57, no.4, pp.453-465, 2009 (Scopus)
- XXII. **The clinical and microbiological comparison of the use of heated humidifiers and heat and moisture exchanger filters with Booster in mechanically ventilated patients**  
ÖZİŞ N. T., KANAT Ö. D., OĞUZÜLGEN İ. K., AYDOĞDU M., HIZEL K., GÜRSEL G.  
Tüberküloz ve Toraks, vol.57, no.3, pp.259-267, 2009 (Scopus)
- XXIII. **The clinical and microbiological comparison of the use of heated humidifiers and heat and moisture exchanger filters with Booster in mechanically ventilated patients**  
Öziş T., Özkanat D., OĞUZÜLGEN İ. K., AYGENCEL BIKMAZ Ş. G., AYDOĞDU M., HIZEL K., GÜRSEL G.  
Tüberküloz toraks, vol.57, no.3, pp.259-267, 2009 (Peer-Reviewed Journal)
- XXIV. **Patient ventilator interaction**  
GÜRSEL G., AYDOĞDU M.

- Tüberküloz Toraks, vol.42, no.5, pp.341-346, 2009 (Peer-Reviewed Journal)
- XXV. **Does admission from different sources have any influence on intensive care unit outcome in COPD patients**  
AYDOĞDU M., GÜRSEL G.  
tüberküloz toraks, vol.56, no.4, pp.375-381, 2008 (Peer-Reviewed Journal)
- XXVI. **Multiple system atrophy presenting with acute respiratory failure due to diaphragmatic dysfunction**  
KÖKTÜRK N., GÜRSEL G., KURUOĞLU H. R., kervan f., baysal a.  
Tüberküloz Toraks, vol.54, no.4, pp.370-373, 2006 (Peer-Reviewed Journal)
- XXVII. **İlginç Radyolojisi Nedeniyle Bir Yassı Hücreli Akciğer Kanseri Olgusu**  
KÖKTÜRK N., GÜRSEL G., KÖKTÜRK O., MEMİŞ L., EKİM N. N.  
Akciğer Arşivi, 2005 (Peer-Reviewed Journal)
- XXVIII. **Olgu Sunumu İlginç Radyolojisi Nedeni İle Tek Taraflı Diyafragma Paralizisi**  
KÖKTÜRK N., GÜRSEL G.  
Yoğun Bakım, 2003 (Peer-Reviewed Journal)
- XXIX. **Noninvasive Positive Pressure Ventilation As a Treatment of Respiratory Failure Due to Arnold Chiari Type I Malformation**  
KÖKTÜRK N., GÜRSEL G., KAYMAZ A. M.  
Gazi Medical Journal, 2002 (Scopus)
- XXX. **İnoperabl Küçük Hücreli Dışı Akciğer Kanselerinde Cisplatin Vinorelbine Kemoterapisinin Etkinliği**  
ÖZTÜRK C., KÖKTÜRK N., GÜRSEL G.  
Solunum, 2002 (Peer-Reviewed Journal)
- XXXI. **KOAH lı Hastalarda Formoterolün Tek Başına ve İpratropium Bromürle Birlikte Kullanımlarının Fonksiyonel Kapasite Üzerine Etkilerinin Karşılaştırılması**  
GÜRSEL G., ÖZTÜRK C., KÖKTÜRK N.  
Tüberk toraks, 2001 (Peer-Reviewed Journal)
- XXXII. **PaO<sub>2</sub> 60 mm Hg Olan Kronik Obstrüktif Akciğer Hastalarında Nokturnal Oksijen Desaturasyonu**  
KÖKTÜRK O., GÜRSEL G., KÖKTÜRK N.  
Solunum, 2001 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Prediction of noninvasive ventilation success and mortality calculating ROX Index in ICU patients.**  
SOLMAZ Z. S., MAMMADOVA A., Kara A. T., GÜRSEL G.  
16th World intensive and critical care congress, İstanbul, Turkey, 26 August 2023
- II. **Performance of Hand-held Ultrasonography Devices in The Diagnosis of Pulmonary Hypertension and Right Heart Dysfunction in ICU Patients**  
DAYIOĞLU M., GÜRSEL G., ÖZERCAN S., MACİT AYDIN E., NADASTEPE ÖZTÜRK Ö.  
16th World intensive and critical care congress, İstanbul, Turkey, 26 August 2023
- III. **Reliability of Two Alternative Tricuspid Annular Plane Systolic Excursion Measurement Methods**  
DAYIOĞLU M., ÖZERCAN S., GÜRSEL G., ÇINAR Z., ERİŞ E., GÖKÇE O.  
16th World intensive and critical care congress, İstanbul, Turkey, 26 August 2023
- IV. **Assessment of Echocardiographic Measurement of Right Ventricular-Pulmonary Arterial Coupling in the ICU Patients**  
ÜNAL CERAN E., ŞAHİN O. T., GÜRSEL G., Tathoğlu M., DUYGULU S.  
16th World intensive and critical care congress, İstanbul, Turkey, 26 August 2023
- V. **Consistency Between Safe Mechanical Ventilation Parameters In The General ICU Patient Population**  
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- VII. **Yoğun Bakım Ünitesinde yatak başı kardiyak USG ile hızlı bir şekilde ayırıcı tanısı yapılan hiperkapnik solunum yetmezlikli hasta**  
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- VIII. **Metotreksat ilişkili akciğer hasarı olgusu**  
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- X. **A case report of cutaneous Scedosporium apiospermum presenting with cellulitis-like cutaneous findings and review of the literature**  
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- XI. **Akciğer tutulumu olmayan ağır sepsis ve multiorgan yetmezliği ile seyreden erişkin miliyer tüberküloz olgusu**  
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- XVI. **PULMONER ÖDEM TABLOSU İLE BAŞVURAN FEOKROMASİTOMA OLGUSU**  
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## Supported Projects

Yılmaz Demirci N., Gürsel G., Project Supported by Higher Education Institutions, YOĞUN BAKIM ÜNİTESİNDE AKUT SOLUNUM SIKINTISI SENDROMLU (ARDS) HASTALARDA İLERİ SOLUNUM MONİTÖRİZASYON YÖNTEMLERİ İLE GÜVENLİ VE DAHA ETKİLİ MEKANİK VENTİLASYON UYGULAMALARI, 2015 - 2021

GÜRSEL G., Project Supported by Higher Education Institutions, Akut hiperkapnik solunum yetmezliğinde noninvaziv mekanik ventilasyonun sırtüstü veya yanuygulanması başarıyı etkilermi?, 2011 - 2014

GÜRSEL G., Project Supported by Higher Education Institutions, Noninvaziv mekanik ventilasyon sırasında PaCO<sub>2</sub> düzeyinde düşmeyi erken ve geç dönemde etkileyen ventilatör stratejisi ve diğer faktörlerin belirlenmesi, 2011 - 2013

GÜRSEL G., Project Supported by Higher Education Institutions, ETA Sürveyansının Ventilatör İlişkili Pnömonin Morbidite ve Mortalitesi Üzerine Etkisi, 2005 - 2007

GÜRSEL G., Project Supported by Higher Education Institutions, Mekanik ventilasyon alan hastalarda ısıtıcı nemlendirici ile ısı ve nem değişimi yapan filtre ile beraber Booster kullanımının klinik ve bakteriyolojikaçından karşılaştırılması, 2003 - 2004

GÜRSEL G., Project Supported by Higher Education Institutions, Mekanik ventilasyon sırasında solunum mekaniklerinin değerlendirilmesinde gastrik basınç ölçümü yerine mesane içi basınç ölçümünün değerlendirilmesi, 2001 - 2002

## Activities in Scientific Journals

RESPIRATORY CARE, Advisory Committee Member, 2018 - Continues

Journal of Critical and Intensive Care, Advisory Committee Member, 2016 - Continues

## Scientific Refereeing

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, August 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, June 2023

CRITICAL CARE MEDICINE, SCI Journal, May 2023

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RESPIRATORY RESEARCH, Journal Indexed in SCI-E, April 2023  
BMC PULMONARY MEDICINE, Journal Indexed in SCI-E, April 2023  
European Journal of Medical researche, Journal Indexed in SCI-E, February 2023  
BMC NURSING, Journal Indexed in SCI-E, February 2023  
RESPIRATORY CARE, Journal Indexed in SCI-E, February 2023  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, February 2023  
INFECTİON, Journal Indexed in SCI-E, January 2023  
BMC PULMONARY MEDICINE, Journal Indexed in SCI-E, December 2022  
JOURNAL OF HOSPITAL INFECTİON, Journal Indexed in SCI-E, November 2022  
PAIN RESEARCH & MANAGEMENT, National Scientific Refreed Journal, October 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, October 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, June 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, June 2022  
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JOURNAL OF CRITICAL CARE, Journal Indexed in SCI-E, May 2022  
RESPIRATORY CARE, Journal Indexed in SCI-E, March 2022  
FRONTIERS IN PEDIATRICS, Journal Indexed in SCI-E, March 2022  
RESPIRATORY CARE, Journal Indexed in SCI-E, February 2022  
Türk Tıp Bilimleri Dergisi, Journal Indexed in ESCI, March 2021  
RESPIRATORY CARE, SCI Journal, March 2021

## **Metrics**

Publication: 116  
Citation (WoS): 570  
Citation (Scopus): 667  
H-Index (WoS): 14  
H-Index (Scopus): 14

## **Congress and Symposium Activities**

16th world intensive and critical care congress, Session Moderator, İstanbul, Turkey, 2023  
16th world intensive and critical care congress, Invited Speaker, İstanbul, Turkey, 2023  
Invited Speaker, Ankara, Turkey, 2022

## **Non Academic Experience**

Minnesota Üniversitesi Tıp Fakültesi Health Partners Hastanesi Dahili Yoğun Bakım Ünitesi  
Cleveland Clinic Foundation Medical ICU  
Milli Eğitim Bakanlığı Balıkesir Dispanseri