

## Prof. GÜL GÜRSEL

### Personal Information

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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

Under Graduate, 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 Bölümü, 1988 - Continues

### Advising Theses

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., 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, 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, 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, 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

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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*, 2020 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **Respiratory Muscle Effort during Weaning: Comment.**  
Ozdemir U., Gursel G., Esquinas A. M.  
*Anesthesiology*, vol.130, no.5, pp.856-857, 2019 (Journal Indexed in SCI Expanded)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 U., Gonderen K., Arik G., Turkoglu M., et al.  
*Aging clinical and experimental research*, vol.30, no.4, pp.359-366, 2018 (Journal Indexed in SCI Expanded)
- VIII. **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 (Journal Indexed in SCI)
- IX. **Saccharomyces cerevisiae fungemia after probiotic treatment in an intensive care unit patient**  
Kara I., YILDIRIM F., Ozgen O., Erganis S., Aydogdu M., DİZBAY M., Gursel G., KALKANCI A.  
*JOURNAL DE MYCOLOGIE MEDICALE*, vol.28, no.1, pp.218-221, 2018 (Journal Indexed in SCI)
- X. **Can admission serum cystatin C level be an early marker subclinical acute kidney injury in critical care patients?**  
Gaygisiz U., AYDOĞDU M., Badoglu M., Boyaci N., Gullu Z., GÜRSEL G.  
*SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION*, vol.76, no.2, pp.143-150, 2016 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)

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- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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.  
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- XVI. **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 anesthesiologica, vol.77, no.1, pp.17-25, 2011 (Journal Indexed in SCI Expanded)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI Expanded)
- XX. **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 (Journal Indexed in SCI Expanded)
- XXI. **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 (Journal Indexed in SCI Expanded)
- XXII. **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 (Journal Indexed in SCI Expanded)
- XXIII. **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 (Journal Indexed in SCI Expanded)
- XXIV. **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 (Journal Indexed in SCI Expanded)
- XXV. **[Respiratory monitoring during mechanical ventilation: II].**  
Gürsel G.  
Tuberkuloz ve toraks, vol.51, pp.100-6, 2003 (Journal Indexed in SCI Expanded)
- XXVI. **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 (Journal Indexed in SCI Expanded)
- XXVII. **Effects of inactivated influenza virus vaccination on bronchial reactivity symptom scores and peak expiratory flow variability in patients with asthma.**  
Sener M., Gursel G., Turktas H.  
The Journal of asthma : official journal of the Association for the Care of Asthma, vol.36, no.2, pp.165-9, 1999  
(Journal Indexed in SCI Expanded)
- XXVIII. **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  
(Journal Indexed in SCI Expanded)
- XXIX. **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **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, 2021 (Journal Indexed in ESCI)
- II. **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 (Refereed Journals of Other Institutions)
- III. **Pulmonary artery leiomyosarcoma: A clinical dilemma**  
YILMAZ DEMİRCİ N., Naurzvai N., Kirbas I., AKYÜREK N., GÜRSEL G., ÖZTÜRK C.  
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- IV. **Can Diaphragm Dysfunction Be Reliably Evaluated with Pocket-Sized Ultrasound Devices in Intensive Care Unit?**  
GÜRSEL G., Inci K., Alasgarova Z.  
CRITICAL CARE RESEARCH AND PRACTICE, 2018 (Journal Indexed in ESCI)
- V. **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 (Journal Indexed in ESCI)
- VI. **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**  
Töreysin 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 (Refereed Journals of Other Institutions)

- VII. **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 (Journal Indexed in ESCI)
- VIII. **Evaluation of nephrotoxicity and prognosis in patients treated with colistin due to hospital-acquired pneumonia**  
KORKMAZ EKREN P., Toreyin Z. N. , Berk Takir H., Kalamanoğlu Balci M., Gaygisiz U., GÜRSEL G., Ergan B., Yalcin A., Salturk C., AYDOĞDU M., et al.  
TUBERKULOZ VE TORAK-TUBERCULOSIS AND THORAX, vol.65, no.4, pp.271-281, 2017 (Journal Indexed in ESCI)
- IX. **Atrial Fibrilasyonun Solunum Yetmezliği Hastalarının Yoğun Bakım Sonuçlarına Etkisi**  
AYDOĞDU M., HANAZAY Ç., ALDAĞ Y., BAHA A., BİLGİN S., GÜRSEL G.  
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- X. **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 (Journal Indexed in ESCI)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **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 (Other Refereed National Journals)
- XIII. **The role of physiologic dead space measurement in predicting extubation success**  
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Tüberküloz ve toraks, vol.58, no.2, pp.154-161, 2010 (Other Refereed National Journals)
- XIV. **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.  
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- XV. **Patient ventilator interaction**  
GÜRSEL G., AYDOĞDU M.  
Tüberküloz Toraks, vol.42, no.5, pp.341-346, 2009 (Other Refereed National Journals)
- XVI. **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 (Other Refereed National Journals)
- XVII. **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 (Other Refereed National Journals)
- XVIII. **İlginç Radyolojisi Nedeniyle Bir Yassı Hücreli Akciğer Kanseri Olgusu**  
KÖKTÜRK N., GÜRSEL G., KÖKTÜRK O., MEMİŞ L., EKİM N. N.  
Akciğer Arşivi, 2005 (Other Refereed National Journals)
- XIX. **Olgu Sunumu İlginç Radyolojisi Nedeni İle Tek Taraflı Diyafragma Paralizisi**  
KÖKTÜRK N., GÜRSEL G.  
Yoğun Bakım, 2003 (Other Refereed National Journals)
- XX. **İnoperabl Küçük Hücreli Dışı Akciğer Kanserlerinde Cisplatin Vinorelbine Kemoterapisinin Etkinliği**  
ÖZTÜRK C., KÖKTÜRK N., GÜRSEL G.  
Solunum, 2002 (Other Refereed National Journals)

- XXI. **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 (Other Refereed National Journals)
- XXII. **KOAH lı Hastalarda Formoterolün Tek Başına ve İpratropium Bromürle Birlikte Kullanımının Fonksiyonel Kapasite Üzerine Etkilerinin Karşılaştırılması**  
GÜRSEL G., ÖZTÜRK C., KÖKTÜRK N.  
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- XXIII. **PaO2 60 mm Hg Olan Kronik Obstrüktif Akciğer Hastalarında Nokturnal Oksijen Desaturasyonu**  
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## Books & Book Chapters

- I. **Hypoxic and hypercapnic respiratory failure. Implications for sleep medicine diagnoses and practical approach**  
Gürsel G.  
in: Sleep Medicine in critical Care Diagnosis and practical approach, Antonio M Esquinas, Joerg Steier, Behrouz Jafari, Editor, NOVA Science Publishers Inc. , New York, pp.85-92, 2020
- II. **Acute lung injury acute respiratory distress syndrome**  
İNCİ K., GÜRSEL G.  
in: Non-invasive ventilation. A practical handbook for understanding the causes of treatment success and failure, Antonio M Esquinas, Editor, NOVA, New York, pp.317326, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of hepatic injury definitions in pulmonary ICU patients**  
Macit Aydın E., Mammadova A., Çınar Z., Navruzvai N., Kodalak S., Gürsel G.  
ESICM LIVES 2020, 9 - 12 January 2021, vol.8, pp.525-526
- II. **Impact of neurological problems on icu outcome in pulmonary icu patients**  
Çınar Z., Aydın E. M. , Navruzvai N., Mammadova A., Kodalak S., Abbasova A., Gürsel G.  
ESICM LIVES 2020, 9 - 12 January 2021, vol.8, pp.252-253
- III. **Evaluation of hepatic injury definitions in pulmonary ICU patients**  
Macit Aydın E., Mammadova A., Çınar Z., Navruzvai N., Kodalak S., Gürsel G.  
ESICM LIVES 2020, 6 - 09 December 2020, vol.8, pp.262-263
- IV. **Comparison of NUTRIC Score and NRS-2002 to evaluate the nutritional status of patients in intensive care units.**  
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11. KEPAN KONGRESİ, Turkey, 27 - 31 March 2019
- V. **Saccharomyces cerevisiae fungemia after probiotic treatment in intensive care unit patients**  
KALKANCI A., GÜRSEL G., AYDOĞDU M., DİZBAY M., ERGANİŞ S., kara i., yıldırım f., ÖZGEN Ö.  
Trends in Medical Mycology, 6 - 09 October 2017
- VI. **Use of esophageal pressure in the ICU patients with multiple mechanical abnormalities and chest Wall problems**  
Kara İ., BOYACI N., İNCİ K., BAŞARIK AYDOĞAN B., GÜRSEL G.  
ESICM LIVES 2017, 24 September 2017, vol.5
- VII. **Value of transcutaneous carbondioxide monitorization reflecting arterial carbondioxide measurement in the ICU**

BOYACI N., İNCİ K., Naurizbay N., Mammadova S., GÜLERYÜZ M., GÜRSEL G.

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- VIII. **Comparison of pocket sized and high-end ultrasound devices for inferior vena cava diameter measurements in critically ill adults**  
İNCİ K., GÜRSEL G.  
ESICM LIVES 2017, 24 - 28 September 2017, vol.5, pp.117
- IX. **Can Point of care diaphragm usg reliably be performed with pocket sized ultrasound devices in ICU**  
GÜRSEL G., İNCİ K.  
ESICM LIVES 2017, 24 - 28 September 2017, vol.5, pp.130
- X. **Patient profile at intensive care units in Turkey: 922 patients multicenter prevalence study**  
YAZICIOĞLU MOÇİN Ö., ÖZYILMAZ SARAÇ E., ÖNALAN T., EDİPOĞLU Ö., SALTÜRK C., SEYDAOĞLU G., ARIKAN H., ÖZÇELİK Z., TURAN S., KARA İ., et al.  
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- XI. **Türkiye’de yoğun bakım ünitelerinde takip edilen hasta profili: 922 hastalı çok merkezli nokta prevalans çalışması**  
YAZICIOĞLU MOÇİN Ö., ÖZYILMAZ SARAÇ E., ÖNALAN T., EDİPOĞLU Ö., SALTÜK C., SEYDAOĞLU G., ÖZÇELİK Z., TURAN S., KARA İ., KARA A., et al.  
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- XII. **The impact of frailty on weaning status and outcomes of critically ill patients receiving invasive mechanical ventilation**  
GAYGISIZ Ü., ARIK G., TÜRKOĞLU M., AYGENCEL BIKMAZ Ş. G. , BOYACI N., GÖNDEREN K., ZERMAN A., BAŞARIK AYDOĞAN B., YILDIRIM F., AYDOĞDU M., et al.  
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- XIII. **The impact of fragility on noninvasive mechanical ventilation application and results in the ICU**  
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36th International Symposium on IntensiveCare and Emergency Medicine, 15 January - 18 March 2016, vol.20, pp.97
- XIV. **Early diagnosis of septic acute kidney injury in medical critical carepatients with a urine cell cycle arrest marker insulin like growthfactor binding protein 7 IGFBP 7**  
AYDOĞDU M., SANCAK B., GÜRSEL G., YÜKSEL S., BOYACI N.  
36th International Symposium on IntensiveCare and Emergency Medicine, 15 - 18 March 2016, vol.20, pp.85
- XV. **Effects of metabolic alkalosis on noninvasive ventilation successand ICU outcome in patients with hypercapnic respiratory failure**  
GAYGISIZ Ü., AYDOĞDU M., GÜRSEL G., BOYACI N., Özdedeöglü Ö., Badoöglü M., Işıkdoögan Z., Güllü Z.  
36th International Symposium on IntensiveCare and Emergency Medicine, 15 - 18 March 2016, vol.20, pp.98
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