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Education Information

Expertise In Medicine, Dokuz Eylul University, Faculty Of Medicine, Department Of Internal Medicine, Turkey 1996 - 1998

Expertise In Medicine, Fırat University, School Of Medicine, Department Of Internal Medicine, Turkey 1994 - 1996

Undergraduate, Anadolu University, School Of Medicine, Turkey 1986 - 1992

Dissertations

Expertise In Medicine, Travma hastalarının triaj travma skorları ile değerlendirilmesi, Dokuz Eylul University, Faculty Of Medicine, Department Of Internal Medicine, 1998

Research Areas

Emergency Medicine

Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2013 - Continues

Associate Professor, Kocaeli University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2007 - 2013

Assistant Professor, Fırat University, School Of Medicine, Department Of Internal Medicine, 1999 - 2003

Research Assistant, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1996 - 1998

Research Assistant, Fırat University, School Of Medicine, Department Of Internal Medicine, 1994 - 1996

Academic and Administrative Experience

Kocaeli Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2003 - Continues

Fırat Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1999 - 2003

Advising Theses

Pekdemir M., Acil servise başvuran künt travmalı çocuk hastalarda tüm vücut bilgisayarlı tomografi (TVBT) görüntüleme yapılmasının seçici bilgisayarlı tomografi (SBT) görüntüleme yapılmasına göre kötü sonlanıma etkisi, *Expertise In Medicine, İ.ÖZÇALIMLI(Student)*, 2021

Pekdemir M., Acil servise başvuran akut kalp yetmezliği hastalarının acil servis tedavilerinde CO2 değerlerindeki değişimin (delta CO2) araştırılması, *Expertise In Medicine, D.FEREK(Student)*, 2020

Pekdemir M., Pasif bacak kaldırma manevrası sonrası sıvı yanıtılığını değerlendirmede end-tidal karbondioksit, kardiyak output ve vena cava kollabilite indeksi değişiminin araştırılması, *Expertise In Medicine, S.GÜNEY(Student)*, 2018

Pekdemir M., Acil servise başvuran enfeksiyon şüphesi olan hastalarda QSOFA, SIRS ve QSOFA ile SIRS kriterlerinin beraber kullanımının kötü sonlanım belirlemede prediktif değerlilikleri, *Expertise In Medicine, O.YEŞİL(Student)*, 2018

PEKDEMİR M., Acil servise başvuran kanser hastalarının klinik karakteristikleri ve aciliyet durumlarının değerlendirilmesi, *Expertise In Medicine, İ.ERDEM(Student)*, 2017

PEKDEMİR M., "Kan Bağışı Yapan Erişkinlerde Vasküler Hacim Değişiminin Pletismografik Olarak İzlenmesi", *Expertise In Medicine, A.TOMO(Student)*, 2016

PEKDEMİR M., Acil servise akut ağrı sebebiyle başvuran hastalarda anksiyete düzeyindeki değişimin ağrı algısına etkisinin belirlenmesi, *Expertise In Medicine, A.ENES(Student)*, 2014

Pekdemir M., Deneysel Malathion Zehirlenmesi Tedavisinde İntravenöz Lipid Emülsiyon Solüsyonunun Etkilerinin Araştırılması, *Expertise In Medicine, D.Tarık(Student)*, 2013

PEKDEMİR M., Acil servise başvuran pulmoner emboli şüpheli hastalarda non-invaziv end-tidal karbondioksit ölçümünün tanısal değeri, *Expertise In Medicine, M.YÜKSEL(Student)*, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of Bedside Index for Severity in Acute Pancreatitis and Emergency Department SpO₂, Age and Systemic Inflammatory Response Syndrome Scores in Predicting Severe Acute Pancreatitis in Patients with Acute Pancreatitis in the Emergency Department**
Şefoğlu Ö. F., YAKA E., PEKDEMİR M., YILMAZ S., ÖZTURAN İ. U., DOĞAN N. Ö.
Journal of Emergency Medicine, vol.67, no.1, 2024 (SCI-Expanded)
- II. **Prognostic value of early warning scores in patients presenting to the emergency department with exacerbation of COPD.**
Doğan N. Ö., Özturan İ. U., Pekdemir M., Yaka E., Yılmaz S.
Medizinische Klinik, Intensivmedizin und Notfallmedizin, vol.119, no.2, pp.129-135, 2024 (SCI-Expanded)
- III. **Relationship between clinical anxiety and patient outcomes in patients with chronic obstructive lung disease exacerbation in the emergency department**
YALDIZKAYA M. F., DOĞAN N. Ö., ÖZTURAN İ. U., YAKA E., YILMAZ S., PEKDEMİR M.
MEDIZINISCHE KLINIK-INTENSIVMEDIZIN UND NOTFALLMEDIZIN, vol.118, no.3, pp.236-241, 2023 (SCI-Expanded)
- IV. **Performance of qSOFA, SIRS, and the qSOFA plus SIRS combinations for predicting 30-day adverse outcomes in patients with suspected infection**
Yeşil O., Pekdemir M., Özturan İ. U., Doğan N. Ö., Yaka E., Yılmaz S., Karadaş A., Pinar S. G.
MEDIZINISCHE KLINIK-INTENSIVMEDIZIN UND NOTFALLMEDIZIN, vol.117, no.8, pp.623-629, 2022 (SCI-Expanded)
- V. **Predictors of prolonged hospitalization in patients with mild and moderate pancreatitis presenting to the emergency department**
Kockan E., Doğan N. Ö., Pekdemir M., Yılmaz S., Yaka E.
MEDIZINISCHE KLINIK-INTENSIVMEDIZIN UND NOTFALLMEDIZIN, vol.117, no.6, pp.459-465, 2022 (SCI-Expanded)
- VI. **Comparison of PECARN clinical decision rule and clinician suspicion in predicting intra-abdominal injury in children with blunt torso trauma in the emergency department**
Caylak S. T., YAKA E., YILMAZ S., DOĞAN N. Ö., ÖZTURAN İ. U., PEKDEMİR M.
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.28,

no.4, pp.529-536, 2022 (SCI-Expanded)

- VII. **Assessment of end-tidal carbon dioxide and vena cava collapsibility in volume responsiveness in spontaneously breathing patients**
Güney Pinar S., Pekdemir M., Özturan İ. U., Doğan N. Ö., Yaka E., Yılmaz S., Karadas A., Ferek Emir D.
MEDIZINISCHE KLINIK-INTENSIVMEDIZIN UND NOTFALLMEDIZIN, vol.117, no.1, pp.34-40, 2022 (SCI-Expanded)
- VIII. **Early Detection of Mortality in COVID-19 Patients Through Laboratory Findings with Factor Analysis and Artificial Neural Networks**
Öğütçü S., İnal M. M., Çelikkası c., Yıldız U., Doğan N. Ö., Pekdemir M.
ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, vol.25, no.3-4, pp.290-302, 2022 (SCI-Expanded)
- IX. **Performance of bedside lung ultrasound in emergency (BLUE) protocol in the diagnosis of pneumonia**
Karademir D., Yılmaz S., Özturan İ. U., Doğan N. Ö., Yaka E., Pekdemir M.
NOTFALL & RETTUNGSMEDIZIN, vol.24, no.SUPPL 1, pp.9-14, 2021 (SCI-Expanded)
- X. **Clinical characteristics of neutrophilic, eosinophilic and mixed-type exacerbation phenotypes of COPD.**
Kandemir Y., Doğan N. Ö., Yaka E., Pekdemir M., Yılmaz S.
The American journal of emergency medicine, vol.45, pp.237-241, 2021 (SCI-Expanded)
- XI. **A randomized controlled trial of the effects of local tranexamic acid on mortality, rebleeding, and recurrent endoscopy need in patients with upper gastrointestinal hemorrhage**
Karadaş A., Doğan N. Ö., Pinar S., Yeşil O., Pekdemir M., Yılmaz S., Yaka E.
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.32, no.1, pp.26-31, 2020 (SCI-Expanded)
- XII. **Utility of neutrophil gelatinase-associated lipocalin in the management of acute kidney injury: A prospective, observational study**
Isikkent A., Yılmaz S., Özturan İ. U., Doğan N. Ö., Yaka E., Gultekin H., Kum T., Pekdemir M.
HONG KONG JOURNAL OF EMERGENCY MEDICINE, vol.27, no.1, pp.8-14, 2020 (SCI-Expanded)
- XIII. **Determination of carboxyhemoglobin half-life in patients with carbon monoxide toxicity treated with high flow nasal cannula oxygen therapy**
Özturan İ. U., Yaka E., Suner S., Özbek A. E., Alyesil C., Doğan N. Ö., Yılmaz S., Pekdemir M.
CLINICAL TOXICOLOGY, vol.57, no.7, pp.617-623, 2019 (SCI-Expanded)
- XIV. **Intravenous metoclopramide in the treatment of acute migraines: A randomized, placebo-controlled trial**
Doğan N. Ö., Pekdemir M., Yılmaz S., Yaka E., Karadas A., Durmus U., Avcu N., Koçkan E.
ACTA NEUROLOGICA SCANDINAVICA, vol.139, no.4, pp.334-339, 2019 (SCI-Expanded)
- XV. **Role of Electrocardiographic Manifestations in Admission Decision in Patients with Chronic Obstructive Pulmonary Disease Exacerbation**
Doğan N. Ö., Pekdemir M., Yılmaz S., Yaka E., Avcu N., Durmus U., Koçkan E., Karadas A.
JCPS-P JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS PAKISTAN, vol.29, no.2, pp.109-114, 2019 (SCI-Expanded)
- XVI. **The value of lactate clearance in admission decisions of patients with acute exacerbation of COPD**
Durmuş U., Doğan N. Ö., Pekdemir M., Yılmaz S., Yaka E., Karadas A., Pinar S. G.
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.36, no.6, pp.972-976, 2018 (SCI-Expanded)
- XVII. **NONOPIOID THERAPY FOR CANCER RELATED DYSPNEA PALLIATION IN THE ED: A RANDOMIZED DOUBLE BLIND CLINICAL TRIAL**
Yılmaz S., Yaka E., Yüksel M., Doğan N. Ö., Pekdemir M.
Acta Medica Mediterranea, vol.33, pp.1099-1106, 2017 (SCI-Expanded)
- XVIII. **Evaluation of the Diagnostic Role of Bedside Lung Ultrasonography in Patients with Suspected Pulmonary Embolism in the Emergency Department**
Acar H., Yılmaz S., Yaka E., Doğan N. Ö., Özbek A. E., Pekdemir M.
BALKAN MEDICAL JOURNAL, vol.34, no.4, pp.356-361, 2017 (SCI-Expanded)
- XIX. **Intranasal Lidocaine in Acute Treatment of Migraine: A Randomized Controlled Trial**

- Avcu N., Doğan N. Ö., Pekdemir M., Yaka E., Yılmaz S., Alyeşil C., Akalin L. E.
ANNALS OF EMERGENCY MEDICINE, vol.69, no.6, pp.743-751, 2017 (SCI-Expanded)
- XX. **Comparison of loop and primary incision & drainage techniques in adult patients with cutaneous abscess: A preliminary, randomized clinical trial**
Ozturan I. U., Doğan N. Ö., Karakayali O., Ozbek A. E., Yılmaz S., Pekdemir M., Suner S.
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.35, no.6, pp.830-834, 2017 (SCI-Expanded)
- XXI. **Diagnostic accuracy of noninvasive end-tidal carbon dioxide measurement in emergency department patients with suspected pulmonary embolism84-90**
Yüksel M., Pekdemir M., Yılmaz S., Yaka E., Kartal A. G.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.1, pp.84-90, 2016 (SCI-Expanded)
- XXII. **Comparison of the therapeutic efficacy of intravenous dimenhydrinate and intravenous piracetam in patients with vertigo: a randomised clinical trial**
Doğan N. Ö., Avcu N., Yaka E., Yılmaz S., Pekdemir M.
EMERGENCY MEDICINE JOURNAL, vol.32, no.7, pp.520-524, 2015 (SCI-Expanded)
- XXIII. **Inter-rater reliability and validity of the Ministry of Health of Turkey's mandatory emergency triage instrument**
Erimsah M. E., Yaka E., Yılmaz S., Kama A., Pekdemir M.
EMERGENCY MEDICINE AUSTRALASIA, vol.27, no.3, pp.210-215, 2015 (SCI-Expanded)
- XXIV. **Comparison of the Glasgow-Blatchford and AIMS65 Scoring Systems for Risk Stratification in Upper Gastrointestinal Bleeding in the Emergency Department**
Yaka E., Yılmaz S., Doğan N. Ö., Pekdemir M.
ACADEMIC EMERGENCY MEDICINE, vol.22, no.1, pp.22-30, 2015 (SCI-Expanded)
- XXV. **COMPLIANCE WITH THE INFECTIOUS DISEASES SOCIETY OF AMERICA GUIDELINES FOR EMERGENCY MANAGEMENT OF FEBRILE NEUTROPENIA IN CANCER PATIENTS**
Akalin L. E., Yaka E., Yılmaz S., Doğan N. Ö., Avcu N., Pekdemir M.
ACTA MEDICA MEDITERRANEA, vol.31, no.4, pp.785-792, 2015 (SCI-Expanded)
- XXVI. **Diagnostic Value of S100B Protein in the Differential Diagnosis of Acute Vertigo in the Emergency Department**
Kartal A. G., Yılmaz S., Yaka E., Pekdemir M., Sarısoy H. T., Çekmen M. B., Yüksel M.
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- XXVII. **Comparison of Short-term Infusion Regimens of N-Acetylcysteine Plus Intravenous Fluids, Sodium Bicarbonate Plus Intravenous Fluids, and Intravenous Fluids Alone for Prevention of Contrast-induced Nephropathy in the Emergency Department**
Kama A., Yılmaz S., Yaka E., Dervişoğlu E., Doğan N. Ö., Erimsah E., Pekdemir M.
ACADEMIC EMERGENCY MEDICINE, vol.21, no.6, pp.616-622, 2014 (SCI-Expanded)
- XXVIII. **ASYMPTOMATIC CHRONIC EPIDURAL HEMATOMA IN A CHILD AS A RESULT OF EXTRACRANIAL DECOMPRESSION**
Yaka E., Pekdemir M., Kama A., Sarısoy H. T., Yılmaz S.
JOURNAL OF EMERGENCY MEDICINE, vol.46, no.4, pp.482-485, 2014 (SCI-Expanded)
- XXIX. **Altered mental status in emergency department patients with cancer**
Yaka E., Kaya S., Pekdemir M., Yılmaz S., Uygun K., Kama A.
HONG KONG JOURNAL OF EMERGENCY MEDICINE, vol.21, no.1, pp.10-15, 2014 (SCI-Expanded)
- XXX. **Disparity Between Mainstream and Sidestream End-Tidal Carbon Dioxide Values and Arterial Carbon Dioxide Levels**
Pekdemir M., Çınar O., Yılmaz S., Yaka E., Yüksel M.
RESPIRATORY CARE, vol.58, pp.1152-1156, 2013 (SCI-Expanded)
- XXXI. **Difficulties in management of occupational exposure in our country: A case report**
Yılmaz S., Pekdemir M., Yaka E.
Turkiye Acil Tıp Dergisi, vol.12, no.2, pp.96-98, 2012 (SCI-Expanded)
- XXXII. **A multicenter case-control study of diagnostic tests for urinary tract infection in the presence of urolithiasis**

- Yılmaz S., Pekdemir M., Aksu N. M., Koyuncu N., Cinar O.
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- XXXIII. **Comparison of alprazolam versus captopril in high blood pressure: A randomized controlled trial**
Yılmaz S., Pekdemir M., Tural U., Uygun M.
BLOOD PRESSURE, vol.20, no.4, pp.239-243, 2011 (SCI-Expanded)
- XXXIV. **The Diagnostic Value of Ischemia-modified Albumin in a Rat Model of Acute Mesenteric Ischemia**
Uygun M., Yılmaz S., Pekdemir M., Duman C., Guerbuez Y. S.
ACADEMIC EMERGENCY MEDICINE, vol.18, no.4, pp.355-359, 2011 (SCI-Expanded)
- XXXV. **Comparison effectiveness of fosfomysin trometamol and ciprofloxacin in treating uncomplicated urinary tract infections Akut Nonkomplike Alt Üriner Sistem Enfeksiyonu Olan Hastalarda Fosfomisin-Trometamol ve Siprofloksasinin Etkinliğinin Karşılaştırılması**
Özcan L., Yılmaz S., Pekdemir M., Yaka E.
Türkiye Acil Tıp Dergisi, vol.11, no.3, pp.104-109, 2011 (SCI-Expanded)
- XXXVI. **Post-traumatic cerebral infarction: a rare complication in a pediatric patient after mild head injury**
Yılmaz S., Pekdemir M., Sarısoy H. T., Yaka E.
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.17, no.2, pp.186-188, 2011 (SCI-Expanded)
- XXXVII. **Assessment of emergency department patients' knowledge on oral anticoagulation therapy Acil Servis Hastalarında Oral Antikoagülan Tedavi Bilgi Düzeylerinin Araştırılması**
Yaka E., Pekdemir M., Yılmaz S., Akalin E.
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- XXXVIII. **NO SIGNIFICANT ALTERATION IN ADMISSIONS TO EMERGENCY DEPARTMENTS DURING RAMADAN**
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- XXXIX. **A rare cause of headache: cerebral venous sinus thrombosis due to hyperthyroidism**
Pekdemir M., Yılmaz S., Ersel M., Sarısoy H. T.
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.26, no.3, 2008 (SCI-Expanded)
- XL. **Effective treatment of hereditary angioedema with fresh frozen plasma in an emergency department**
Pekdemir M., Ersel M., Aksay E., Yanturalı S., Aktürk A., Kıyan S.
JOURNAL OF EMERGENCY MEDICINE, vol.33, pp.137-139, 2007 (SCI-Expanded)
- XLI. **Single-dose intravenous tramadol for acute migraine pain in adults: A single-blind, prospective, randomized, placebo-controlled clinical trial**
Alemdar M., Pekdemir M., Selekler H. M.
CLINICAL THERAPEUTICS, vol.29, no.7, pp.1441-1447, 2007 (SCI-Expanded)
- XLII. **The value of serum tau protein for the diagnosis of intracranial injury in minor head trauma**
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AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.25, no.4, pp.391-395, 2007 (SCI-Expanded)
- XLIII. **An unusual primary blast injury - Traumatic brain injury due to primary blast injury**
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- XLIV. **The diagnostic value of QT dispersion for acute coronary syndrome in patients presenting with chest pain and nondiagnostic initial electrocardiograms**
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MOUNT SINAI JOURNAL OF MEDICINE, vol.73, no.5, pp.813-817, 2006 (SCI-Expanded)
- XLV. **More than just an ocular solution**
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- XLVI. **The effect of interventional treatment in acute myocardial infarction on ST resolution: A comparison of coronary angioplasty with excimer laser angioplasty**
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- XLVII. **Acute anticholinergic syndrome due to *Datura innoxia* Miller mixed with lime tea leaves**
Pekdemir M., Yanturali S., Akay S., Alagoz G.
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- XLVIII. **The effect of ST resolution on QT dispersion after interventional treatment in acute myocardial infarction**
İlkay E., Yavuzkır M. F., Karaca I., Akbulut M., Pekdemir M., Aslan N.
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- XLIX. **Evaluation of physical findings in acute wrist trauma in the emergency department.**
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- L. **Appropriateness of emergency department visits in a Turkish university hospital**
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- LI. **Atorvastatin affects C-reactive protein levels in patients with coronary artery disease**
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- LII. **Ondansetron versus diclofenac sodium in the treatment of acute ureteral colic: A double blind controlled trial**
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- LIII. **Magnesium efficacy in magnesium deficient and nondeficient patients with rapid ventricular response atrial fibrillation.**
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Articles Published in Other Journals

- I. **Comparison of dental force applied during endotracheal intubation with hyper-angulated and macintosh-type video laryngoscopy blades used by emergency medicine trainees: A randomized cross-over manikin study**
KARABACAK A. R., ÖZTURAN İ. U., ŞEFOĞLU Ö. F., DOĞAN N. Ö., YAKA E., YILMAZ S., PEKDEMİR M.
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- II. **Prospective, multicenter, Turkish out-of-hospital cardiac arrest study: TROHCA**
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- III. **Adherence to Clinical Practice Guidelines for Non-ST Elevation Acute Coronary Syndrome in the Emergency Department: Exploring the Role of Social, Healthcare-system, and Clinical Determinants.**
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Critical pathways in cardiology, vol.22, no.4, pp.128-134, 2023 (Scopus)
- IV. **Determination of the Effects of Change in Anxiety Level on Pain Perception in Patients who Present to Emergency Department due to Acute Pain: A Double Blind, Randomized, Controlled Trial**
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- V. **Utilization of Partial Carbon Dioxide and Serum Total Carbon Dioxide Gradients in the Emergency Care of Acute Decompensated Heart Failure**
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- VI. **5-YEAR RETROSPECTIVE ANALYSIS OF AMBULANCE DRIVING TECHNIQUES TRAINING FOR PARAMEDIC STUDENTS**
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- VII. **Use of noninvasive volume assessment methods to predict acute blood loss in spontaneously breathing volunteers**
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- VIII. **Prediction of Mortality, Hospitalization and Mechanical Ventilation Needs of Patients with Pneumonia in COVID-19 Outbreak**
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- IX. **Reliability of chest pain risk scores in cancer patients with suspected acute coronary syndrome**
Alyeşil C., Yılmaz S., Özturan İ. U., Pekdemir M., Yaka E., Doğan N. Ö.
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- X. **Factors predicting the need for tube thoracostomy in patients with iatrogenic pneumothorax associated with computed tomography-guided transthoracic needle biopsy**
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- I. **Comparison of BISAP and ED-SAS scores in predicting prognosis in patient with acute pancreatitis in the emergency department**

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9. Avrasya Acil Tıp Kongresi, TATKON 100. Yıl Kongresi, Antalya, Turkey, 9 - 12 November 2023

- II. **COPD exacerbations in the eosinophilic phenotype: Key features and predictors of poor outcome in the emergency department**
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- III. **External validation of vision, aphasia and neglect, Ventura emergent large vessel occlusion and large artery intracranial occlusion screening tools for emergent large vessel occlusion stroke: A multicenter, prospective, cross-sectional study**
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- IV. **Prognostic accuracy of DECAF and Ottawa risk scores in patients presenting to the emergency department after COPD exacerbation**
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- V. **Evaluation of clinical characteristics and acuity of cancer patients admitted to the emergency department**
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- VI. **Prognostic value of jugular venous compliance in patients presented to the emergency department after exacerbation of COPD**
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