

## Asst. Prof. OĞUZ GÜNDOĞDU

### Personal Information

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### International Researcher IDs

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### Foreign Languages

English, C1 Advanced

### Research Areas

Anesthesiology

### Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2021 - Continues

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

- I. **The investigation of host genetic variants of toll-like receptor 7 and 8 in COVID-19.**  
Bagci G., Gundogdu O., Pektas A. N., Bagci B., Avci O., Gursoy S., Kaygusuz K., Elaldi N.  
Nucleosides, nucleotides & nucleic acids, pp.1-17, 2023 (SCI-Expanded)
- II. **Relationship between Systemic Immune-inflammation Index and Mortality in Intensive Care Patients Diagnosed with Crimean-Congo Hemorrhagic Fever**  
Gündoğdu O., Avci O.  
JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS--PAKISTAN : JCPSP, vol.32, no.12, pp.1538-1543, 2022 (SCI-Expanded)
- III. **Evaluation of the Effect of Interscalene Brachial Plexus Block on Intracranial Pressure Using Optic Nerve Sheath Diameter and Internal Jugular vein Collapsibility Index**  
Gündoğdu O., Avci O.  
JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS--PAKISTAN : JCPSP, vol.32, no.10, pp.1249-1254, 2022 (SCI-Expanded)
- IV. **Effect of adding dexmedetomidine to intra-articular levobupivacaine on postoperative pain following arthroscopic meniscus surgery: A prospective, double-blind, randomized, placebo- controlled, clinical trial.**  
Avci O., Özdemir Kol İ., Gündoğdu O., Öztemur Z., Erşan İ.  
Acta orthopaedica et traumatologica turcica, vol.55, pp.316-320, 2021 (SCI-Expanded)
- V. **Efficacy of pulse steroid therapy in patients critically ill with COVID-19.**  
Gundogdu O., Demir B., Coskun C. O., Ersan I.  
Bratislavske lekarske listy, vol.122, no.11, pp.793-798, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Retrospective Evaluation of Optic Nerve Sheath Diameters of Patients Diagnosed with Brain Death**  
Gündoğdu O., Avcı O.  
Ahi Evran Medical Journal, vol.7, no.1, pp.13-18, 2023 (Peer-Reviewed Journal)
- II. **Dexmedetomidine, an  $\alpha_2$  agonist, increases the morphine analgesic effect and decreases morphine tolerance development by suppressing oxidative stress and TNF/IL-1 signalling pathway in rats**  
Dexmedetomidina, un agonista de  $\alpha_2$ , incrementa el efecto analgésico de la morfina y reduce el desarrollo de tolerancia a la morfina suprimiendo el estrés oxidativo y la vía de señalización de TNF/IL-1 en ratas  
Avcı O., Taşkıran A. Ş., Gündoğdu O.  
Revista Espanola de Anestesiologia y Reanimacion, 2023 (ESCI)
- III. **Evaluation of QT interval of patients using muscle relaxants under general anesthesia, randomized clinical trial**  
Kurt B., GÜNDOĞDU O., AVCI O., ÖZDEMİR KOL İ., KAYGUSUZ K., İSBİR A. C.  
Cumhuriyet Tıp Dergisi (ELEKTRONİK), vol.44, no.1, pp.80, 2022 (Peer-Reviewed Journal)
- IV. **The Effects of Carotid Endarterectomy Surgery on Cerebral Oxygenation, Randomized Clinical Trial**  
Kaya Mert G., AVCI O., GÜNDOĞDU O., İSBİR A. C., ÖZDEMİR KOL İ., GÜRSOY S., KAYGUSUZ K.  
Ahi Evran Medical Journal, vol.6, no.2, pp.143, 2022 (Peer-Reviewed Journal)
- V. **Comparison of Pleth Variability Index and Inferior Vena Cava Distensibility as a Perfusion Indicator in Sepsis Patients: An Observational Study**  
Sepsis Hastalarında Perfüzyon Belirteci Olarak Pleth Değişkenlik İndeksi ve Vena Kava İnför Gerilebilirliğinin Karşılaştırılması: Gözlemsel Çalışma  
GÖKTÜRK O., AVCI O., GÜNDOĞDU O., İSBİR A. C., ÖZDEMİR KOL İ., GÜRSOY S., KAYGUSUZ K.  
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.42, no.2, pp.79-86, 2022 (Scopus)
- VI. **Comparing the clinical, radiological and laboratory characteristics of definite or suspected covid-19 cases**  
Gündoğdu O., Avcı O.  
ERCIYES MEDICAL JOURNAL, vol.43, no.6, pp.585-593, 2021 (ESCI)
- VII. **The Effect of BATHE Method on Preoperative Anxiety, Patient Satisfaction and Individual Anesthesia Concerns: Randomized, Placebo-Controlled, Clinical Trial**  
KARAKOYUN İ., İSBİR A. C., GÜNDOĞDU O., AVCI O., ÖZDEMİR KOL İ., GÜRSOY S., KAYGUSUZ K.  
Turkiye Klinikleri Journal of Anesthesiology Reanimation, vol.19, 2021 (Peer-Reviewed Journal)
- VIII. **The effect of postoperative serratus anterior plane block on postoperative analgesia in patients undergoing breast surgery**  
Aslan G., Avcı O., Gundogdu O., İsbir A. C., Kol I. O., Kaygusuz K., Gürsoy S.  
TURKISH JOURNAL OF SURGERY, vol.36, no.4, pp.374-381, 2020 (ESCI)
- IX. **The Relationship between Platelet/Lymphocyte and Neutrophil/Lymphocyte Ratios and Mortality in Intensive Care Patients with Crimean-congo Hemorrhagic Fever**  
Avcı O., Gundogdu O.  
ERCIYES MEDICAL JOURNAL, vol.42, no.4, pp.425-430, 2020 (ESCI)
- X. **Evaluation of ultrasound guided supraclavicular block with traditional methods and perfusion index on upper extremity surgeries**  
Avcı O., Gündoğdu O.  
Van Tıp Dergisi, vol.27, 2020 (Peer-Reviewed Journal)
- XI. **The effects of hyperventilation on seizure length and cerebral oxygenation during electroconvulsive therapy**  
Gündoğdu O., Avcı O., Gürsoy S., Kaygusuz K., Özdemir Kol İ.  
NORTHERN CLINICS OF ISTANBUL, vol.7, no.3, pp.246-254, 2020 (Peer-Reviewed Journal)
- XII. **Retrospective analysis of the patients with brain death diagnosis in the last 5 years in our hospital**  
AVCI O., GÜNDOĞDU O.  
Cumhuriyet Medical Journal, vol.41, no.2, pp.385-391, 2019 (Peer-Reviewed Journal)

- XIII. **Evaluation of Cerebral Oxygenation and Tissue Perfusion in Patients Ongoing Coronary Artery Surgery with Cardiopulmonary By-pass**  
AVCI O., GÜNDOĞDU O.  
Türkiye Klinikleri Cardiovascular Sciences, vol.31, no.2, pp.109-115, 2019 (Scopus)
- XIV. **The effect of endotracheal aspiration on QT interval in intensive care unit patients**  
AVCI O., GÜNDOĞDU O., GÜLSOY Z., GÜRSOY S., ÖZDEMİR KOL İ., KAYGUSUZ K., KARAGÖZOĞLU Ş., TOK YILDIZ F.  
Cumhuriyet Medical Journal, vol.41, no.1, pp.190-196, 2019 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Entübasyon Yapabilme**  
Avcı O., Gündoğdu O.  
in: Girişimsel Uygulamalar, Prof. Dr. Hilmi Ataseven, Doç. Dr. Ezgi Ağadayı, Dr. Öğr. Üyesi Seher Karahan, Dr. Öğr. Üyesi Naim Karagöz, Editor, Cumhuriyet Üniversitesi Yayınları, Sivas, pp.63-70, 2022
- II. **Anestezi Olgu Sunumları (ACRE)**  
GÜNDOĞDU O.  
in: Sağlık Araştırmalarında Yazım Kılavuzları: Kaliteli ve Şeffaf Yazım Önerileri ve Örnekleri, Gökhan Tazegül, Ferhat Yıldız, Can Özlü, Mikail Özdemir, Editor, Akademisyen Kitabevi, Ankara, pp.263-271, 2022
- III. **Kulak Burun Boğaz Ameliyatlarında İntraoperatif Kortikosteroid Kullanımı**  
Avcı O., Gündoğdu O.  
in: Kulak Burun Boğazda Steroid Kullanımı, Prof. Dr. Cemal Cingi, Prof. Dr. Emine Elif Altuntaş, Editor, Sürekli Eğitim ve Bilimsel Araştırmalar Derneği Yayınları, Eskişehir, pp.547-550, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **Correlation of Systemic Inflammatory Response Index and Systemic Immune Inflammation Index With Mortality in Geriatric Severe Ischemic Stroke Patients**  
Gündoğdu O.  
10th International Medicine and Health Sciences Researches Congress, Ankara, Turkey, 27 - 28 August 2022, pp.431-438
- II. **Does interscalene block increase intracranial pressure?**  
Gündoğdu O., Avcı O.  
1. Uluslararası Tıp ve Sağlık Bilimlerinde Yenilikçi Yaklaşımlar Kongresi, İstanbul, Turkey, 13 - 14 August 2022, pp.141-145
- III. **TOLL-BENZERİ RESEPTÖR 7 ve 8 POLİMORFİZMLERİNİN COVID-19 ŞİDDETİ İLE İLİŞKİSİ**  
Bağcı G., Gündoğdu O., Pektaş A. N., Bağcı B., Avcı O., Gürsoy S., Kaygusuz K., Elaldı N.  
7. Türkiye in vitro Diyagnostik (IVD) Sempozyumu, İzmir, Turkey, 27 - 29 April 2022, pp.1
- IV. **EVALUATION OF CASES DIAGNOSED WITH CANCER IN INTENSIVE CARE UNIT**  
Gündoğdu O.  
I. International Cancer Days, Sivas, Turkey, 19 - 21 September 2019, pp.390-395

## Memberships / Tasks in Scientific Organizations

Türk Anesteziyoloji ve Reanimasyon Derneği, Member, 2019 - Continues, Turkey

## Metrics

Publication: 26

Citation (WoS): 4

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1

## **Awards**

Bağcı G., Gündoğdu O., Pektaş A. N., Bağcı B., Avcı O., Gürsoy S., Kaygusuz K., Elaldı N., Poster Bildiri İkincilik Ödülü, Türk Biyokimya Derneği, April 2022