

# Prof. GÜRSEL LEVENT OKTAR

## Personal Information

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## Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1991 - 1997

Undergraduate, Ege University, Ege Tıp Fakültesi, Ege Tıp Pr., Turkey 1985 - 1991

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2014 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2008 - 2014

Assistant Professor, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2007 - 2008

## Advising Theses

OKTAR G. L., / Effect Of Bacopa Monnieri Extract Treatment On Acute Limb Ischemia-Reperfusion Injury In Rats, Expertise In Medicine, H.ÖZLÜ(Student), 2018

OKTAR G. L., Derin ven trombozunda ultrason ile hızlandırılmış kateter eşliğinde trombolitik tedavi uygulamaları ve sonuçlarının değerlendirilmesi, Expertise In Medicine, H.KARTAL(Student), 2015

OKTAR G. L., Vasküler endotelial büyüme faktörü ve adrenomedullinin ratlarda iskelet kası iskemi reperfüzyon hasarına koruyucu etkisi, Expertise In Medicine, M.KİRİŞÇİ(Student), 2012

## Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Sağlık Bilimleri Üniversitesi, January, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Sağlık Bilimleri Üniversitesi, January, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Necmettin Erbakan Üniversitesi, August, 2022

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

- I. **The Role of Monocyte Distribution Width in the Early Prediction of Sepsis in Patients Undergoing Cardiovascular Surgery: A Cross-Sectional Study**  
ÖZER A., TAK S., DEMİRTAŞ H., YILDIRIM A. K., ŞİMŞEK E., OKTAR G. L., KAYA Z.  
Medicina (Lithuania), vol.60, no.9, 2024 (SCI-Expanded)
- II. **Evaluation of the effect of enriched hydrogen saline solution on distant organ (lung) damage in skeletal muscle ischemia reperfusion in rats**  
ÖZER A., EREL S., KÜÇÜK A., DEMİRTAŞ H., Sezen Ş. C., Boyunağa H., OKTAR G. L., ARSLAN M.  
Science Progress, vol.107, no.2, 2024 (SCI-Expanded)
- III. **Ozone Administration Reduces Myocardial Ischemia Reperfusion Injury in Streptozotocin Induced Diabetes Mellitus Rat Model**  
Gulcan M. B., Demirtas H., ÖZER A., YIĞMAN Z., Dursun A. D., ARSLAN M., OKTAR G. L.  
DRUG DESIGN DEVELOPMENT AND THERAPY, pp.4203-4213, 2024 (SCI-Expanded)
- IV. **Assessment of Aspirin and Clopidogrel Resistance in Patients Undergoing Cardiovascular Surgery: A Single-Center CrossSectional Study**  
ÖZER A., DEMİRTAŞ H., TAK S., KOÇAK B., YİĞİTER E. N., OKTAR G. L., KAYA Z.  
TURKISH JOURNAL OF HEMATOLOGY, vol.41, no.2, pp.105-112, 2024 (SCI-Expanded)
- V. **Outcomes of endovascular treatment of thoracic aorta pathologies: 10-year single-center results**  
Akin M. E., Akkan M. K., Özer A., Ilgıt E. T., Onal B., Oktar G. L.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.28, no.4, pp.370-375, 2022 (SCI-Expanded)
- VI. **Bacopa Monnieri Protects the Directly Affected Organ as Well as Distant Organs Against I/R Injury by Modulating Anti-Inflammatory and Anti-Nitrosative Pathways in A Rat Model for Infra-Renal Aortic Occlusion**  
Ozlu H., Cakir Gundogdu A., Elmazoglu Z., Take Kaplanoglu G., Oktar L., Karasu Ç.  
JOURNAL OF INVESTIGATIVE SURGERY, vol.34, no.9, pp.935-946, 2021 (SCI-Expanded)
- VII. **Removal of a retained intracardiac guidewire fragment reaching out to subcutaneous tissue of thoracic wall in a pediatric patient**  
ÖZER A., Kilic Y., Ozbay A., ŞIVGIN V., Mardin B., İRİZ E., Oktar L.  
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.27, no.3, pp.381-383, 2019 (SCI-Expanded)
- VIII. **Ultrasound-accelerated catheter-assisted thrombolytic therapy applications in deep vein thrombosis**  
Kartal H., Erer D., Oktar G. L., Zor M. H., ARSLAN M., Akkan K.  
Nigerian Journal of Clinical Practice, vol.22, no.3, pp.399-405, 2019 (SCI-Expanded)
- IX. **The effect of neutrophil-lymphocyte ratio on the postoperative course of coronary artery bypass graft surgery**  
ÖZER A., Mardin B., Kilic Y., Oktar L., İRİZ E., ARSLAN M., ÜNAL Y., ALKAN M.  
Turkish journal of medical sciences, vol.48, no.5, pp.1036-1040, 2018 (SCI-Expanded)
- X. **Investigating the Effects of Two Different Pump Heads (Centrifugal vs. Roller Pump) on Hematological and Immunological Mechanisms**  
Demirtas H., Iriz E., Demirtas C., Erer D., Oktar L., Yener A., Arslan M.  
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.7, pp.847-853, 2018 (SCI-Expanded)
- XI. **Effects of dexmedetomidine and thymoquinone on erythrocyte deformability in lower limb ischemia reperfusion injury in streptozotocin-induced diabetic rats**  
Ozer A., Comu F. M., Kucuk A., Kilic Y., Alkan M., Oktar L., ARSLAN M., Ozturk L.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.119, no.10, pp.642-645, 2018 (SCI-Expanded)
- XII. **Protective effect of erdosteine on erythrocyte deformability in a rat model of lower limb ischemia/reperfusion injury**  
ÖZER A., Demirtas H., Comu F. M., ERER D., Kilic Y., Mardin B., ARSLAN M., KÜÇÜK A., OKTAR G. L.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.48, no.1, pp.187-190, 2018 (SCI-Expanded)
- XIII. **Assessment of the effects of levosimendan and thymoquinone on lung injury after myocardial**

**ischemia reperfusion in rats**

SEZEN Ş. C., KÜÇÜK A., ÖZER A., Kilic Y., Mardin B., ALKAN M., Erkent F. D., ARSLAN M., ÜNAL Y., OKTAR G. L., et al. DRUG DESIGN DEVELOPMENT AND THERAPY, vol.12, pp.1347-1352, 2018 (SCI-Expanded)

- XIV. **Effect of Levosimendan and Nigella Sativa on Erythrocyte Deformability During Myocardial Ischaemia-Reperfusion Injury in Rats**  
ÖZER A., Comu F. M., KÜÇÜK A., Kilic Y., Mardin B., ALKAN M., OKTAR G. L., ÜNAL Y., ARSLAN M.  
ACTA PHYSIOLOGICA, vol.221, pp.45-46, 2017 (SCI-Expanded)
- XV. **Effects of alprostadil and iloprost on renal, lung, and skeletal muscle injury following hindlimb ischemia-reperfusion injury in rats**  
ERER D., ÖZER A., Demirtas H., İŞIK GÖNÜL İ., KARA H., Arpacı H., Comu F. M., OKTAR G. L., ARSLAN M., KÜÇÜK A.  
DRUG DESIGN DEVELOPMENT AND THERAPY, vol.10, pp.2651-2658, 2016 (SCI-Expanded)
- XVI. **Effects of VEGF and MSCs on vascular regeneration in a trauma model in rats**  
Niyaz M., GÜRPINAR Ö. A., OKTAR G. L., Gunaydin S., ONUR M. A., Ozsin K. K., Yener A.  
WOUND REPAIR AND REGENERATION, vol.23, no.2, pp.262-267, 2015 (SCI-Expanded)
- XVII. **The histopathological effects of levosimendan on liver injury induced by myocardial ischemia and reperfusion**  
Oktar G. L., Amac D. N., Elmas Ç., ARSLAN M., Goktas G., Iriz E., Erer D., Zor M. H., Tatar T.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.116, no.4, pp.241-247, 2015 (SCI-Expanded)
- XVIII. **Effect of alprostadil on erythrocyte deformability in ischemia reperfusion injury**  
Kara H., Ozer A., Arpacı H., Demirtas H., Comu F. M., Oktar G. L., Erer D., Kucuk A., Arslan M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.116, no.8, pp.509-511, 2015 (SCI-Expanded)
- XIX. **Iloprost and vitamin C attenuates acute myocardial injury induced by suprarenal aortic ischemia-reperfusion in rabbits**  
Iriz E., Iriz A., Take G., Ozgul H., Oktar L., Demirtas H., Helvacioğlu F., Arslan M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.116, no.10, pp.627-631, 2015 (SCI-Expanded)
- XX. **Single-stage repair of the anterior chest wall following sternal destruction complicated by mediastinitis**  
ZOR M. H., Acipayam M., Bayram H., Oktar L., Erdogan M., Darcin O. T.  
SURGERY TODAY, vol.44, no.8, pp.1476-1482, 2014 (SCI-Expanded)
- XXI. **The effects of iloprost on ischemia-reperfusion injury in skeletal muscles in a rodent model**  
Avci T., ERER D., KÜÇÜK A., Ozturk Y., TOSUN M., OKTAR G. L., ARSLAN M., İRİZ E., KAVUTÇU M., TATAR T.  
JOURNAL OF SURGICAL RESEARCH, vol.187, no.1, pp.162-168, 2014 (SCI-Expanded)
- XXII. **The effects of iloprost on lung injury induced by skeletal muscle ischemia-reperfusion**  
Erer D., Dursun A. D., Oktar G. L., Iriz E., Zor M. H., Elmas Ç., Donmez T., Kirisci M., Comu F. M., Arslan M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.115, no.7, pp.405-410, 2014 (SCI-Expanded)
- XXIII. **The protective effects of dexmedetomidine on liver injury-induced myocardial ischemia reperfusion**  
Erer D., Ozer A., Arslan M., Oktar G. L., Iriz E., Elmas Ç., Zor M. H., Tatar T., Goktas G.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.115, no.7, pp.422-426, 2014 (SCI-Expanded)
- XXIV. **Effects of adrenomedullin and vascular endothelial growth factor on ischemia/reperfusion injury in skeletal muscle in rats**  
Kirisci M., OKTAR G. L., Ozogul C., Oyar E. O., Akyol S. N., Demirtas C., ARSLAN M.  
JOURNAL OF SURGICAL RESEARCH, vol.185, no.1, pp.56-63, 2013 (SCI-Expanded)
- XXV. **Differential identification of atypical pneumonia pathogens in aorta and internal mammary artery related to ankle brachial index and walking distance.**  
İRİZ E., Cirak M. Y., ZOR M. H., Engin D., Oktar L., ÜNAL Y.  
The Journal of surgical research, vol.183, no.2, pp.537-41, 2013 (SCI-Expanded)

- XXVI. **Antioxidative effects of adrenomedullin and vascular endothelial growth factor on lung injury induced by skeletal muscle ischemia-reperfusion**  
Oktar G. L., Kirisci M., Dursun A. D., Zor M. H., Iriz E., Erer D., Comu F. M., ARSLAN M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.114, no.11, pp.625-628, 2013 (SCI-Expanded)
- XXVII. **First virtual interactive symposium with synchronous distance education techniques.**  
KULA S., Halit V., Oktar L.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.12, no.4, pp.359-60, 2012 (SCI-Expanded)
- XXVIII. **On-Pump Beating Heart Endoventriculoplasty Using Autologous Endocardium for Left Ventricular Aneurysm Repair**  
OKTAR G. L., Gianoli M., Porta F., Grandjean J.  
BALKAN MEDICAL JOURNAL, vol.28, no.3, pp.328-330, 2011 (SCI-Expanded)
- XXIX. **Saphenous vein wrapping for the treatment of a perigraft seroma: Report of a case**  
Imren Y., Qaradaghi L., Oktar G. L., Ereren E., Tumer N. B.  
SURGERY TODAY, vol.41, no.4, pp.549-551, 2011 (SCI-Expanded)
- XXX. **Left ventricular myxoma: Confusing intracardiac mass in a patient with leukemia in remission**  
Tanindi A., TAÇOY G., Hizal F., Turfan M., Ereren E., Oktar L., ABACI A.  
CENTRAL EUROPEAN JOURNAL OF MEDICINE, vol.5, no.4, pp.437-441, 2010 (SCI-Expanded)
- XXXI. **Prevalence of Behcet's syndrome in patients presenting with venous thrombosis: prospective study in a cardiovascular outpatient clinic**  
ERER D., Gogus F. N., Tumer N. B., GÜNENDİ Z., İRİZ E., Imren V. Y., OKTAR G. L.  
ARCHIVES OF MEDICAL SCIENCE, vol.5, no.3, pp.371-375, 2009 (SCI-Expanded)
- XXXII. **Coronary artery bypass graft surgery in the elderly patients**  
OKTAR G. L., Imren V. Y., ERER D., İRİZ E., Gokgoz L., SONCUL H.  
CENTRAL EUROPEAN JOURNAL OF MEDICINE, vol.4, no.2, pp.218-221, 2009 (SCI-Expanded)
- XXXIII. **Ligation with mini-phlebectomy in perforating vein insufficiency**  
İRİZ E., Ereren E., ÖZHAN OKTAR S., Oktar L., Halit V., İlhan M.  
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.17, no.2, pp.101-105, 2009 (SCI-Expanded)
- XXXIV. **Opening the Gates for Beating Aortic Surgery**  
Grbolar A., Qaradaghi L., Ereren E., Tumer N. B., Coskun E., OKTAR G. L., Arslan M.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.1, pp.110-114, 2009 (SCI-Expanded)
- XXXV. **Traditional Single Patch Versus the "Australian" Technique for Repair of Complete Atrioventricular Canal Defects**  
Halit V., OKTAR G. L., Imren V. Y., İRİZ E., ERER D., KULA S., TUNAOĞLU F. S., Gokgoz L., Olgunturk R.  
SURGERY TODAY, vol.38, no.11, pp.999-1003, 2008 (SCI-Expanded)
- XXXVI. **Effects of calcium dobesilate and diosmin-hesperidin on apoptosis of venous wall in primary varicose veins.**  
Iriz E., VURAL Ç., Ereren E., Poyraz A., Erer D., Oktar L., Gokgoz L., Halit V., Soncul H.  
VASA. Zeitschrift fur Gefasskrankheiten, vol.37, no.3, pp.233-40, 2008 (SCI-Expanded)
- XXXVII. **Vascular surgery in Behcet's disease**  
ERER D., İRİZ E., Imren V. Y., OKTAR G. L.  
ANNALS OF THORACIC SURGERY, vol.85, no.4, pp.1504-1505, 2008 (SCI-Expanded)
- XXXVIII. **Is use of temporary pacing wires following coronary bypass surgery really necessary?**  
Imren Y., Benson A. A., Oktar G. L., Cheema F. H., Comas G., Naseem T.  
Journal of Cardiovascular Surgery, vol.49, no.2, pp.261-267, 2008 (SCI-Expanded)
- XXXIX. **The importance of transesophageal echocardiography in diagnosis of pericardial tamponade after cardiac surgery**  
Imren Y., Tasoglu I., Oktar G. L., Benson A., Naseem T., Cheema F., ÜNAL Y.  
Journal of Cardiac Surgery, vol.23, no.5, pp.450-453, 2008 (SCI-Expanded)

- XL. **Right-to-left shunt through a patent. Foramen ovale left open in the management of acute right heart failure after heart transplantation**  
 ÖZDOĞAN M., ERER D., İRİZ E., OKTAR G. L., KULA S., Buyukates M.  
 JOURNAL OF HEART AND LUNG TRANSPLANTATION, vol.27, no.1, pp.135-137, 2008 (SCI-Expanded)
- XLI. **[Intraoperative appearance of a homograft aortic valve 16 years after the implantation].**  
 ÖZDOĞAN M., ERER D., Iriz E., Buyukates M., Oktar L., ÜNAL Y., Abaci A.  
 Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.7, no.4, pp.456-7, 2007 (SCI-Expanded)
- XLII. **Paget-Schroetter syndrome**  
 Oktar G. L., Ergul E. G.  
 Hong Kong Medical Journal, vol.13, no.3, pp.243-245, 2007 (SCI-Expanded)
- XLIII. **Iatrogenic major venous injuries incurred during cancer surgery**  
 Oktar G. L.  
 SURGERY TODAY, vol.37, no.5, pp.366-369, 2007 (SCI-Expanded)
- XLIV. **Occult malignancy in patients with venous thromboembolism: risk indicators and a diagnostic screening strategy**  
 Oktar G. L., Ergul E. G., Kiziltepe U.  
 PHLEBOLOGY, vol.22, no.2, pp.75-79, 2007 (SCI-Expanded)
- XLV. **A carbon dioxide insufflation technique for preparation of the internal thoracic artery**  
 Ozkan M., Aslan A., Oguz M., Yildirim C., Oktar L., Ergul G., Ozyurda U.  
 JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.125, no.4, pp.963-964, 2003 (SCI-Expanded)
- XLVI. **Endovascular stent-graft placement for the management of a traumatic axillary artery pseudoaneurysm: A case report**  
 Oktar G. L., Balkan M. E., Akpek S., Ilgit E. T.  
 Vascular and Endovascular Surgery, vol.36, no.4, pp.323-326, 2002 (SCI-Expanded)
- XLVII. **Emergency thoracotomy for blunt thoracic trauma.**  
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 Annals of thoracic and cardiovascular surgery : official journal of the Association of Thoracic and Cardiovascular Surgeons of Asia, vol.8, no.2, pp.78-82, 2002 (SCI-Expanded)
- XLVIII. **Bicuspid aortic valve.**  
 Yener N., Oktar G. L., Erer D., Yardimci M. M., Yener A.  
 Annals of thoracic and cardiovascular surgery : official journal of the Association of Thoracic and Cardiovascular Surgeons of Asia, vol.8, no.5, pp.264-267, 2002 (SCI-Expanded)
- XLIX. **Descending necrotizing mediastinitis: A case report and review of the literature**  
 Balkan M., Oktar G. L., Oktar M.  
 INTERNATIONAL SURGERY, vol.86, no.1, pp.62-66, 2001 (SCI-Expanded)
- L. **Biochemical and hemodynamic effects of ascorbic acid and alpha-tocopherol in coronary artery surgery**  
 Oktar G. L., Sinci V., Kalaycioglu S., Soncul H., Gokgoz L., Halit V., Ersoz A.  
 SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.61, no.8, pp.621-629, 2001 (SCI-Expanded)
- LI. **Transdiaphragmatic intercostal hernia following a penetrating thoracoabdominal injury: Report of a case**  
 Balkan M., Kara M., Oktar G. L., Unlu E.  
 SURGERY TODAY, vol.31, no.8, pp.708-711, 2001 (SCI-Expanded)
- LII. **Long-term effects of combined iliac dilatation and distal arterial surgery**  
 Sinci V., Kalaycioglu S., Halit V., Gokgoz L., Soncul H., Ilgit E. T., Oktar L., Ersoz A.  
 International Surgery, vol.85, no.1, pp.13-17, 2000 (SCI-Expanded)
- LIII. **Coronary artery bypass grafting (CABG) after successful percutaneous transluminal coronary angioplasty (PTCA): Is PTCA a risk for CABG?**  
 Kalaycioglu S., Sinci V., Oktar L.  
 INTERNATIONAL SURGERY, vol.83, no.3, pp.190-193, 1998 (SCI-Expanded)

- LIV. **The dose-dependent effects of L-carnitine in myocardial protection in normothermic ischemia.**  
Tatlican O., Kalaycioglu S., Gokgoz L., Oktar L., Oz E., Soncul H., Sinci V., Turkozkan N., Yener A., Ersoz A.  
Cardiovascular surgery (London, England), vol.6, no.2, pp.145-8, 1998 (SCI-Expanded)
- LV. **Mitral and aortic valve replacement using fresh unstented pulmonary and aortic homografts.**  
Ozdogan M., Oktar L., Gunaydin S., Halit V., Sinav A., Yener A., Ersoz A.  
The Journal of heart valve disease, vol.5, no.2, pp.181-5, 1996 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Retrospective Research of Clinical and Hematological Changes Occurred by del Nido Cardioplegia in the Perioperative Period of Patients who Underwent Open-Heart Surgery**  
ÖZER A., Kocak B., ARSLAN M., ŞİMŞEK E., ÖZDEMİRKAN Z. A., ÜNAL Y., İRİZ E., ZOR H., OKTAR G. L.  
GAZI MEDICAL JOURNAL, vol.35, no.3, pp.276-280, 2024 (ESCI)
- II. **Intracerebral Hemorrhage After Discharge From Carotid Endarterectomy: An Extraordinary Complication Despite Standard Anticoagulation**  
DEMİRTAŞ H., ÖZER A., GÜLCAN M. B., DELİBAŞ H., OKTAR G. L.  
E Journal of Cardiovascular Medicine, vol.12, no.1, pp.25-28, 2024 (Peer-Reviewed Journal)
- III. **Reconstruction of External Iliac Vein for an Iatrogenic Venous Hypertension due to Iatrogenic Vein Injury, A Case Report**  
DEMİRTAŞ H., ÖZER A., GÜLCAN M. B., SHIDE I., DELİBAŞ H., OKTAR G. L.  
E Journal of Cardiovascular Medicine, vol.11, no.4, pp.152-156, 2024 (Peer-Reviewed Journal)
- IV. **The Effect of "Carvacrol" on Ischemia-Reperfusion Injury in the Skeletal Muscles of Rats**  
Mardin B., ÖZER A., Kocak B., KÜÇÜK A., ZOR M. H., Sezen S. C., KAVUTÇU M., ARSLAN M., OKTAR G. L.  
GAZI MEDICAL JOURNAL, no.3, pp.248-254, 2024 (ESCI)
- V. **Effect of Statin on Anticardiolipin Antibody Levels in Coronary Artery Bypass Surgery**  
Enver L., OKTAR G. L., KARAKUŞ R., ARSLAN M.  
Ege Tıp Bilimleri Dergisi, vol.6, 2023 (Peer-Reviewed Journal)
- VI. **Quercetin'in Sıçanlarda Alt Ekstremitte İskemi Reperfüzyonu Sonrası Akciğer Hasarı Üzerindeki Etkilerinin Değerlendirilmesi**  
Kılıç Y., Küçük A., Arslan M., Kirişçi M., Özer A., Mortaş T., Kip G., Oktar G. L., Kavutçu M.  
Harran Üniversitesi Tıp Fakültesi Dergisi, vol.19, no.2, pp.343-349, 2022 (Peer-Reviewed Journal)
- VII. **The Effect of Hydrogen-Rich Saline Solution on Erythrocyte Deformability in Lower Limb Ischemia Reperfusion Injury in Rats**  
ÖZER A., ARSLAN M., Comu F. M., KÜÇÜK A., Mardin B., KOÇAK B., OKTAR G. L.  
GAZI MEDICAL JOURNAL, vol.32, pp.270-272, 2021 (ESCI)
- VIII. **Retrospective Comparison Of The Effects Of Two Different Pump Heads (Centrifugal And Roller Pump) On The Hemostatic System During Open Heart Surgery**  
Demirtaş H., Kılıç Y., ÖZER A., İRİZ E., ERER D., OKTAR G. L., ARSLAN M.  
Gazi Medical Journal, 2020 (ESCI)
- IX. **Retrospective Comparison of the Effects of Centrifugal and Roller Pump Heads on the Hemostatic System During Open Heart Surgery**  
Demirtaş H., İRİZ E., Kilic Y., ERER D., OKTAR G. L., ARSLAN M.  
GAZI MEDICAL JOURNAL, vol.31, no.4, pp.587-590, 2020 (ESCI)
- X. **Low S100 beta Measurements via Jugular Venous Bulb Catheter During Pulsatile Perfusion in Coronary Bypass Grafting Operations**  
Ereren E., OKTAR G. L., ÖZER A., ZOR M. H., İRİZ E., ERER D., Arbatlı H., SONCUL H.  
GAZI MEDICAL JOURNAL, vol.31, no.4, pp.612-617, 2020 (ESCI)
- XI. **Angiosarcoma at femoral artery puncture site: A diagnostic dilemma**  
ÖZER A., TATAR T., Kocak B., OKTAR G. L.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.47, no.8, pp.698-

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- XII. **Assessment of the effects of levosimendan and Nigella sativa on myocardial ischemia reperfusion Injury in Rats**  
ÖZER A., KILIÇ Y., KÜÇÜK A., MARDİN B., ALKAN M., ARSLAN M., ÜNAL Y., OKTAR G. L., SEZEN Ş. C.  
Gazi Medical Journal, 2018 (Scopus)
- XIII. **Assessment of the Effects of Levosimendan and Nigella Sativa on Myocardial Ischemia Reperfusion Injury in Rats**  
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- I. **MİYOKARDİYAL İSKEMİ / REPERFÜZYON MODELİ**  
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- II. **Alt Ekstremitte İskemi / Reperfüzyon Modeli**  
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- III. **KALP YETERSİZLİĞİNDE DESTEK SİSTEMLERİ**  
Oktar G. L., Özer A.  
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## **Refereed Congress / Symposium Publications in Proceedings**

- I. **PRIMARY MYXOFIBROSARCOMA OF THE HEART, A CASE REPORT AND REVIEW OF THE LITERATURE**  
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- II. **Dacron Graft Interposition From Femoral to Iliac Vein for Iatrogenic Venous Hypertension Couased by Ligation of Left Iliac Vein After Uncontrolled Bleeding and Exanguining; a Case Report**  
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- III. **Monocyte Distribution Width (MDW)" Parameter in Early Prediction of Sepsis in Patients Undergoing Open-heart Surgery**



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- IV. **SURGICAL EXTRACTION OF AN ATRIAL SEPTAL DEFECT CLOSURE DEVICE: A CASE REPORT**  
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- VI. **Heparin etki monitorizasyonu için aktive koagülasyon zamanı (ACT) ölçümünde kullanılmak üzere geliştirilen cihazın ve tüplerinin etkinlik ve güvenilirliğinin değerlendirilmesi**  
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- VII. **Ratlarda zenginleştirilmiş hidrojen salin solüsyonunun iskelet kası iskemi reperfüzyonunda uzak organ (akciğer) hasarı üzerine etkisinin değerlendirilmesi'**  
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- VIII. **RETROSPECTIVE RESEARCH OF CLINICAL AND HAEMATOLOGICAL CHANGES OCCURED BY DEL NIDO CARDIOPLEGIA (DNC) IN PERIOPERATIVE PERIOD OF PATIENTS UNDERWENT CORONARY ARTERY BYPASS GRAFT SURGERY**  
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- XI. **Erken dönemaortik stent greftin total trombozu sonrası başarılı trombektomi ve onarım: Olgu sunumu**  
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- XV. **Assessment of the effects of Levosimendan and Nigella Sativa on myocardial ischemia reperfusion injury in rats**  
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- XVI. **Diabetes Mellitusu Olan ve Olmayan Koroner Arter Bypass Greft Cerrahisi Geçirmiş Hastalarda Egzersiz Kapasitesi, Hemodinamik Yanıtlar, Dispne, Pulmoner Fonksiyon ve Risk Puanlarının Karşılaştırılması**  
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- XVIII. **Ratlarda levosimendan ve nigella sativa'nın miyokard iskemi reperfüzyonunda uzak organ (akciğer) hasarı üzerine etkilerinin değerlendirilmesi**  
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- XIX. **Dysregulated Insulin Signalling Associated Neurodegeneration is Mediated by Interactions of Smac/DIABLO and XIAP Molecules in Different Brain Regions**  
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- XXII. **DERİN VEN TROMBOZUNDA ULTRASON İLE HIZLANDIRILMIŞ KATETER EŞLİĞİNDE TROMBOLİTİK TEDAVİ UYGULAMALARI VE SONUÇLARININ DEĞERLENDİRİLMESİ**  
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14. TÜRK GÖĞÜS KALP DAMAR CERRAHİSİ KONGRESİ, 3 - 06 November 2016
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- XXIV. **EVAR SONRASI GÖRÜLEN TİP 5 KAÇAK OLGUSU**  
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- XXV. **Iloprost and Vitamin C attenuates Myocardial Injury as a Remote Organ Induced by Suprarenal Aortic Ischemia- reperfusion in rabbit**  
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- XXVII. **Ratlarda deksmedetomidin'in miyokard iskemi reperfüzyon hasarı üzerine etkisi**  
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- XXVIII. **Ratlarda Levosimendanın Miyokard İskemi Reperfüzyon Hasarı Üzerine Etkisi**  
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- XXIX. **İskelet Kasında Oluşturulan İskemi Reperfüzyon Uyarımlı Akciğer Doku Hasarı Uzerinde İloprost' un Etkisi.**  
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- XXX. **Megalensefali kapiller malformasyon sendromu ve anestezi olgu sunumu**  
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- XXXI. **Iloprost and vitamin C attenuates acute myocardial injury induced by suprarenal aortic ischemia-reperfusion in rabbits**  
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- XXXII. **Periferik Arter Hastalığında Asetilsalisilik Asit ve Klopidoğrel Cevapsızlığı**  
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- XXXIII. **Biventricular Circulatory Support as Bridge to Transplatation**  
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## Supported Projects

OKTAR G. L., YİĞİTER E. N., BARUN S., Project Supported by Higher Education Institutions, AÇIK KALP CERRAHİSİ GEÇİREN DİYABETİK VE NONDİYABETİK HASTALARDA KOĞNİTİF FONKSİYONLAR İLE SERUMDA IL10 ve IL17 DÜZEYLERİNİN İNCELENMESİ, 2022 - Continues

OKTAR G. L., Project Supported by Higher Education Institutions, Bacopa Monnieri Ekstrakt Tedavisinin Ratlarda Akut Alt Ekstremitte İskemi Reperfüzyon Hasarı Üzerine Etkisi, 2018 - 2020

OKTAR G. L., Project Supported by Higher Education Institutions, Ratlarda vasküler endotelial büyüme faktörünün (VEGF) ve adrenomedullinin iskelet kasında iskemi reperfüzyon hasarı üzerine etkisi, 2011 - 2012

## Activities in Scientific Journals

GAZI MEDICAL JOURNAL, Committee Member, 2023 - Continues

Turkish journal of vascular surgery, Committee Member, 2023 - Continues

Pediatric Heart Journal, Advisory Committee Member, 2023 - Continues

TURKIYE KLINIKLERI CARDIOVASCULAR SCIENCES, Advisory Committee Member, 2023 - Continues

## Scientific Refereeing

Turkish journal of vascular surgery, Other Indexed Journal, September 2023

Turkish journal of vascular surgery, Other Indexed Journal, April 2023

BMC CARDIOVASCULAR DISORDERS, Journal Indexed in SCI-E, January 2023

Turkish journal of vascular surgery, Other Indexed Journal, January 2023

CLINICAL AND APPLIED THROMBOSIS/HEMOSTASIS, Journal Indexed in SCI-E, January 2023  
NEUROTOXICITY RESEARCH, Journal Indexed in SCI-E, November 2022  
NEUROCHEMICAL RESEARCH, Journal Indexed in SCI-E, November 2022  
BMC PHARMACOLOGY & TOXICOLOGY, Journal Indexed in SCI-E, October 2022  
BMC CARDIOVASCULAR DISORDERS, Journal Indexed in SCI-E, October 2022  
BMC Molecular and Cell Biology, Journal Indexed in SCI-E, October 2022  
NEUROCHEMICAL RESEARCH, Journal Indexed in SCI-E, October 2022  
BMC CARDIOVASCULAR DISORDERS, Journal Indexed in SCI-E, September 2022  
BMC ANESTHESIOLOGY, Journal Indexed in SCI-E, August 2022  
BMC CARDIOVASCULAR DISORDERS, Journal Indexed in SCI-E, July 2022  
EUROPEAN JOURNAL OF MEDICAL RESEARCH, Journal Indexed in SCI-E, July 2022  
CARDIOVASCULAR TOXICOLOGY, Journal Indexed in SCI-E, July 2022  
BMC PHARMACOLOGY & TOXICOLOGY, Journal Indexed in SCI-E, July 2022  
BMC Complementary Medicine and Therapies, Journal Indexed in SCI-E, May 2022  
NEUROCHEMICAL RESEARCH, Journal Indexed in SCI-E, May 2022  
BMC PHARMACOLOGY & TOXICOLOGY, Journal Indexed in SCI-E, May 2022  
NEUROCHEMICAL RESEARCH, Journal Indexed in SCI-E, April 2022  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2022  
BMC ANESTHESIOLOGY, Journal Indexed in SCI-E, April 2022  
JOURNAL OF INVESTIGATIVE SURGERY, Journal Indexed in SCI-E, April 2022  
JOURNAL OF INVESTIGATIVE SURGERY, Journal Indexed in SCI-E, April 2022  
EUROPEAN JOURNAL OF MEDICAL RESEARCH, Journal Indexed in SCI-E, April 2022  
CARDIOVASCULAR DIABETOLOGY, Journal Indexed in SCI-E, February 2022

## Metrics

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## Awards

Özer A., Demirtaş H., Tak S., Şimşek E., Oktar G. L., Kaya Z., The Role of "Monocyte Distribution Width (MDW)" Parameter in Early Prediction of Sepsis in Patients Undergoing Open-heart Surgery" , E 19Th International Congress Of Update İn Cardiology And Cardiovascular Surgery, November 2023  
Özer A., Erel S., Küçük A., Demirtaş H., Sezen Ş. C., Boyunaga H., Oktar G. L., Arslan M., Deneysel Çalışma Sözlü Sunu Yarışması Birincilik Ödülü "Ratlarda Zenginleştirilmiş Hidrojen Salın Solüsyonunun İskelet Kası İskemi Reperfüzyonunda Uzak Organ (akciğer) Hasarı Üzerine Etkisinin Değerlendirilmesi", Türk Anesteziyoloji Ve Reanimasyon Derneği 56. Ulusal Kongresi 3-6 Kasım Tark 2022, November 2022  
Demir N., Oktar G. L., Kip G., Bilge M., Erdem Ö., Arslan M., Ünal Y., Erer D., Kavutçu M., Ratlarda Levosimendanın Miyokard İskemi Reperfüzyon Hasarı Üzerine Etkisi, Türk Anesteziyoloji Ve Reanimasyon Derneği , October 2014

## Non Academic Experience

GAZİ ÜNİVERSİTESİ TIP FAKÜLTESİ KALP DAMAR CERRAHİSİ A.D.  
GAZİ ÜNİVERSİTESİ TIP FAKÜLTESİ KALP DAMAR CERRAHİSİ A.D.

ANKARA ONKOLOJİ EĞİTİM VE ARAŞTIRMA HASTANESİ  
S.B.DR.M.ÜLKER ACİL YARDIM VE TRAVMATOLOJİ EĞİTİM VE ARAŞTIRMA HASTANESİ  
GAZİ ÜNİVERSİTESİ TIP FAKÜLTESİ KALP DAMAR CERRAHİSİ A.D.