

Prof. Cem ALHAN

Personal Information

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International Researcher IDs

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Education Information

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, İstanbul Dr.Siyami Ersek Göğüs Kalp Ve Damar Cerrahisi Eğitim Ve Araştırma Hastanesi, Turkey 1986 - 1991

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr., Turkey 1978 - 1984

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgical Sciences, 2010 - Continues

Academic and Administrative Experience

Acibadem Mehmet Ali Aydınlar University, 2015 - Continues

Courses

kardiyoasküler cerrahi, Undergraduate, 2022 - 2023

Kardiyovasküler cerrahi, Undergraduate, 2021 - 2022

KALP VE DAMAR CERRAHİSİ, Undergraduate, 2014 - 2015, 2013 - 2014

PERFÜZYON, Associate Degree, 2014 - 2015, 2013 - 2014

Advising Theses

Alhan C., Yoğun bakım ortamında gürültüye neden olan faktörlerin belirlenmesi, Postgraduate, M.ÇAKIR(Student), 2012

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Acıbadem Mehmet Ali Aydınlar Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, Acıbadem Mehmet Ali Aydınlar Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Robotic-assisted mitral valve surgery without aortic cross-clamping: a safe and feasible technique**
Okten E. M., Ozcan Z. S., Arslanhan G., SENAY S., Gullu A. u., KOÇYİĞİT M., Degirmencioglu A., ALHAN C.
FRONTIERS IN CARDIOVASCULAR MEDICINE, vol.10, 2023 (SCI-Expanded)
- II. **Robotic mitral valve replacement; results from the world?s largest series**
Arslanhan G., SENAY S., KOÇYİĞİT M., GÜLLÜ A. Ü., ALHAN C.
ANNALS OF CARDIOTHORACIC SURGERY, vol.11, no.5, pp.533-537, 2022 (SCI-Expanded)
- III. **Robotic coronary revascularization in Europe, state of art and future of EACTS-endorsed Robotic Cardiothoracic Surgery Taskforce**
Pettinari M., Gianoli M., Palmen M., Cerny S., Onan B., Singh S., Segers P., Bolcal C., ALHAN C., Navarra E., et al.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.35, no.4, 2022 (SCI-Expanded)
- IV. **Robotic-assisted beating heart surgery provides precise repair of periprosthetic mitral valvular leak**
Koçyiğit M., Güllü A. Ü., Senay S., Alhan C.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.35, no.3, 2022 (SCI-Expanded)
- V. **Robotic Mitral Valve Surgery With Intracardiac Ultrasound-Guided Septal Myectomy.**
Şenay S., Bastopcu M., Güllü A. Ü., Koçyiğit M., Kılıç L., Alhan C.
The Annals of thoracic surgery, vol.114, no.1, 2022 (SCI-Expanded)
- VI. **Percutaneous cannulation for cardiopulmonary bypass in robotic mitral valve surgery with zero groin complications**
Bastopcu M., SENAY S., GÜLLÜ A. Ü., KOÇYİĞİT M., ALHAN C.
JOURNAL OF CARDIAC SURGERY, vol.37, no.2, pp.280-284, 2022 (SCI-Expanded)
- VII. **Robotic Cardiac Surgery in Europe: Status 2020**
Cerny S., Oosterlinck W., Onan B., Singh S., Segers P., Bolcal C., ALHAN C., Navarra E., Pettinari M., Van Praet F., et al.
FRONTIERS IN CARDIOVASCULAR MEDICINE, vol.8, 2022 (SCI-Expanded)
- VIII. **The role of robotic technology in minimally invasive surgery for mitral valve disease**
Bonatti J., Kiaii B., ALHAN C., Cerny S., Torregrossa G., Bisleri G., Komlo C., Guy T. S.
EXPERT REVIEW OF MEDICAL DEVICES, vol.18, no.10, pp.955-970, 2021 (SCI-Expanded)
- IX. **Long-term results of coronary surgery with endoscopic vein harvesting**
Kilic L., GÜLLÜ A. Ü., SENAY S., Ersin E., ÇELİK Ö., Guzel E., Caliskan N. O., KOÇYİĞİT M., ALHAN C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.29, no.4, pp.443-448, 2021 (SCI-Expanded)
- X. **Robotic mitral valve operations can be safely performed in obese patients**
SENAY S., Cacur O., Bastopcu M., GÜLLÜ A. Ü., KOÇYİĞİT M., ALHAN C.
JOURNAL OF CARDIAC SURGERY, vol.36, no.9, pp.3126-3130, 2021 (SCI-Expanded)
- XI. **Robot-assisted mitral valve surgery without aortic cross-clamping: An alternative technique**
ALHAN C., SENAY S., KOÇYİĞİT M., Kilic L., ÇELİK Ö., Whitham T., GÜLLÜ A. Ü.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.29, no.3, pp.415-416, 2021 (SCI-Expanded)
- XII. **Feasibility of robotic-assisted atrial septal defect repair in a 6-year-old patient.**
Güllü A. Ü., Şenay S., Ersin E., Demirhisar Ö., Kocyiğit M., Alhan C.
The international journal of medical robotics + computer assisted surgery : MRCAS, vol.17, no.2, 2021 (SCI-Expanded)
- XIII. **An analysis of the learning curve for robotic-assisted mitral valve repair.**
Güllü A. Ü., Senay S., Kocyiğit M., Zencirci E., Akyol A., Degirmencioglu A., Karakus G., Ersin E., Karabiber A., Alhan C.

Journal of cardiac surgery, vol.36, pp.624-628, 2021 (SCI-Expanded)

- XIV. **Robotic-assisted cardiac surgery without aortic cross-clamping: A safe alternative approach.**
Güllü A. Ü., Şenay S., Ersin E., Demirhisar Ö., Whitham T., Koçyiğit M., Alhan C.
Journal of cardiac surgery, vol.36, no.1, pp.165-168, 2021 (SCI-Expanded)
- XV. **Did blood transfusion increase mortality in patients with diabetes undergoing isolated coronary artery bypass graft surgery? A propensity score-matched analysis of 816 patients**
KOÇYİĞİT M., ULUGOL H., Kiran S. I., ALHAN C., TORAMAN F.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.28, no.4, pp.586-592, 2020 (SCI-Expanded)
- XVI. **The feasibility of robotic-assisted concomitant procedures during mitral valve operations**
Güllü A. Ü., Şenay Ş., Koçyiğit M., Ökten E. M., Dumantepe M., Karabulut H., Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.27, no.4, pp.478-483, 2019 (SCI-Expanded)
- XVII. **Consensus Report on Patient Blood Management in Cardiac Surgery by Turkish Society of Cardiovascular Surgery (TSCVS), Turkish Society of Cardiology (TSC), and Society of Cardio-Vascular-Thoracic Anaesthesia and Intensive Care (SCTAIC)**
ERTUGAY S., Kudsioğlu T., ŞEN T., Yildirim A., Vural A. H., Demir A., Unal E. U., TOPRAK H. İ., ERDİL N., Aydinok Y., et al.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.27, no.4, pp.429-450, 2019 (SCI-Expanded)
- XVIII. **Ozaki Procedure**
ALHAN C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.27, no.4, pp.451-453, 2019 (SCI-Expanded)
- XIX. **Hybrid treatment of type B aortic dissection with retrograde extension in a patient with anomalous aortic arch Aort ark anomalisi olan bir hastada retrograd uzanimin eşlik ettiği tip B aort diseksiyonunun hibrid tedavisi**
Cacur O., Ozkan B., Gullu A. Ü., Senay S., Alhan C.
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.26, no.4, pp.636-638, 2018 (SCI-Expanded)
- XX. **Application of cryoablation for the treatment of atrial fibrillation in patients undergoing cardiac surgery: Our mid-term results**
ARNAZ A., GÜLLÜ A. Ü., AKYOL A., ZENCİRCİ E., ŞENAY Ş., DEĞİRMENCİOĞLU A., KOÇYİĞİT M., ALHAN C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.26, no.1, pp.8-13, 2018 (SCI-Expanded)
- XXI. **Mid-term results of abdominal endovascular aneurysm repair**
Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.25, no.2, pp.328, 2017 (SCI-Expanded)
- XXII. **Robotic mitral valve replacement for rheumatic mitral disease**
Senay S., Gullu A. Ü., Alhan C.
ANNALS OF CARDIOTHORACIC SURGERY, vol.6, no.1, pp.64-66, 2017 (SCI-Expanded)
- XXIII. **Sutureless aortic valves**
Senay S., Gullu A. Ü., Kocyigit M., Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.24, no.4, pp.792-793, 2016 (SCI-Expanded)
- XXIV. **Unrecognized indication for robot-assisted cardiac surgery: Patients with acute psychotic disorders**
Demirkilic U., Kadan M., Doganci S., Bolcal C., Yildirim V., Alhan C.
MINIMALLY INVASIVE THERAPY & ALLIED TECHNOLOGIES, vol.25, no.2, pp.117-119, 2016 (SCI-Expanded)
- XXV. **Is the Nexfin finger cuff method for cardiac output measurement reliable during coronary artery bypass grafting? A prospective comparison with the echocardiography and FloTrac/Vigileo methods**
Ariturk C., Acil M., Ulugol H., Ozgen Z. S., Okten E. M., Dagdelen S., Karabulut E. H., Alhan H. C., Toraman F.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.2, pp.291-295, 2016 (SCI-Expanded)

- XXVI. **Fresh blood is needed!**
Cakir M., Alhan H. C., Demirkilic U., Cicek S.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.23, no.3, pp.601-605, 2015 (SCI-Expanded)
- XXVII. **Mitral valve repair for ischemic mitral insufficiency: an increased early postoperative risk for the elderly**
Ariturk C., Okten M., Gullu U., Senay S., Buturak A., Gormez S., Toraman F., Karabulut H., Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.23, no.2, pp.239-244, 2015 (SCI-Expanded)
- XXVIII. **Use of bone wax is related to increased postoperative sternal dehiscence.**
Alhan C., Arıtürk C., Senay S., Okten M., Güllü A. Ü., Kilic L., Karabulut H., Toraman F.
Kardiochirurgia i torakochirurgia polska = Polish journal of cardio-thoracic surgery, vol.11, no.4, pp.385-90, 2014 (SCI-Expanded)
- XXIX. **Emergent endovascular repair of ruptured abdominal and thoracic aortic aneurysms in a single center: Midterm outcomes**
Güllü A., Burnaz T., Okten E., Senay S., Ariturk C., Toraman F., Kocyigit M., Yaylaci S., Karabulut E. H., Alhan C.
Chirurgia (Romania), vol.109, no.6, pp.753-757, 2014 (SCI-Expanded)
- XXX. **Robotic atrial septal defect closure.**
Şenay Ş., Güllü A. Ü., Koçyiğit M., Değirmencioğlu A., Karabulut E. H., Alhan H. C.
Multimedia manual of cardiothoracic surgery : MMCTS, vol.2014, 2014 (SCI-Expanded)
- XXXI. **Endoscopic-assisted robotic aortic thrombectomy and aortobiiliac bypass: a case report.**
Alhan C., Erguner I., Senay S., Kaya H., Gullu A. Ü., Kocyigit M., Karahasanoglu T.
Annals of vascular surgery, vol.28, no.5, 2014 (SCI-Expanded)
- XXXII. **Utility of Cerebral Oxymetry for Assessing Cerebral Arteriolar Carbon Dioxide Reactivity during Cardiopulmonary Bypass**
Ariturk C., Okten M., Ozgen Z. S., Erkek E., Uysal P., Gullu U., Senay S., Karabulut H., Alhan C., Toraman F.
HEART SURGERY FORUM, vol.17, no.3, 2014 (SCI-Expanded)
- XXXIII. **Right ventricular endomyocardial fibrosis mimicking Ebstein anomaly in a patient with Behcet's disease: case report and review of the literature**
Buturak A., SAYGILI Ö., Ulus S., Kalfa M., Karabulut H., ALHAN C., DAĞDELEN S., AKSU K.
MODERN RHEUMATOLOGY, vol.24, no.3, pp.532-536, 2014 (SCI-Expanded)
- XXXIV. **Coronary Artery Bypass Grafting vs Percutaneous Coronary Intervention and Long-term Mortality and Morbidity in Multivessel Disease Meta-analysis of Randomized Clinical Trials of the Arterial Grafting and Stenting Era**
Sipahi I., Akay M. H., Dagdelen S., Blitz A., Alhan C.
JAMA INTERNAL MEDICINE, vol.174, no.2, pp.223-230, 2014 (SCI-Expanded)
- XXXV. **The effect of mild left ventricular diastolic dysfunction on outcome after isolated coronary bypass surgery**
Degirmencioğlu A., Senay S., Gullu U., Zencirci E., Karakus G., Ugur M., Buturak A., Alhan C.
KARDIOLOGIA POLSKA, vol.72, no.6, pp.541-545, 2014 (SCI-Expanded)
- XXXVI. **Our anesthesia experiences at robotic-assisted and robotic cardiac surgery Robotik yardimli ve robotik kardiyak cerrahide anestezi deneyimlerimiz**
Kocyigit M., Akpek E. A., Tetik O., Senay S., Alhan C.
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.21, no.4, pp.972-977, 2013 (SCI-Expanded)
- XXXVII. **Double papillary muscle infarction related to right coronary artery occlusion: A case report**
Gullu A. Ü., Ince Ü., Okten E. M., Kocyigit M., Degirmencioğlu A., Akay M. H., Senay S., Alhan C.
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.21, no.4, pp.1057-1060, 2013 (SCI-Expanded)
- XXXVIII. **Leyla loop: a time-saving suture technique for robotic atrial closure**
Kilic L., Senay S., Gullu A. Ü., Alhan C.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.17, no.3, pp.579-580, 2013 (SCI-Expanded)

- XXXIX. **Massive bilateral hemothorax related to ruptured iliac artery aneurysm: An unusual presentation**
Gullu A. Ü., Senay S., Akay M. H., Kocyigit M., Alhan C.
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.21, no.2, pp.491-493, 2013 (SCI-Expanded)
- XL. **Robotic-assisted double valve intervention: the first national experience**
Gullu A. Ü., Senay S., Kocyigit M., Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.21, no.3, pp.743-745, 2013 (SCI-Expanded)
- XLI. **Antegrade and retrograde arterial perfusion strategy in minimally invasive mitral-valve surgery: a propensity score analysis on 1280 patients DISCUSSION**
Wimmer-Greinecker G., Murzi D., Glauber M., Alhan C., Lichtenberg A.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.43, no.6, 2013 (SCI-Expanded)
- XLII. **Is single-unit blood transfusion bad post-coronary artery bypass surgery? CONFERENCE DISCUSSION**
Matt P., Poullis P., Myhre U., Alhan C., Schwann T., Whitman G., Akay M., Zamvar V., Habib R.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.16, no.6, pp.770-771, 2013 (SCI-Expanded)
- XLIII. **The role of regional cerebral oxygen saturation on adjustment of fraction of inspired oxygen during coronary artery bypass graft surgery**
TORAMAN F., SENAY S., USTALAR ÖZGEN Z. S., Aydin E., Okten M., Karabulut H., ALHAN C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.21, no.1, pp.78-83, 2013 (SCI-Expanded)
- XLIV. **Transcatheter aortic valve implantation applications in Turkey; the role of the heart team approach**
Dagdelen S., Alhan C.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.12, no.6, pp.531, 2012 (SCI-Expanded)
- XLV. **Replacement of the Ascending Aorta for Severe Atherosclerosis During Coronary Artery Bypass Surgery**
Gullu A. Ü., Okten E. M., Akay M. H., Senay S., Kocyigit M., Toraman F., Karabulut E. H., Alhan C.
JOURNAL OF CARDIAC SURGERY, vol.27, no.5, pp.538-542, 2012 (SCI-Expanded)
- XLVI. **Low-dose tranexamic acid use in isolated coronary artery bypass surgery.**
Akay M. H., Senay S., Karabulut H., Toraman F., Kocyigit M., Alhan H. C.
The Annals of thoracic surgery, vol.94, no.3, 2012 (SCI-Expanded)
- XLVII. **Is the venoarterial carbondioxide gradient and lactate predictor of inadequate tissue perfusion during cardiopulmonary bypass?**
Toraman F., Ozgen Z. S., Senay S., Gullu U., Karabulut H., Alhan C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.20, no.3, pp.474-479, 2012 (SCI-Expanded)
- XLVIII. **Is increased perfusion pressure really necessary during cardiopulmonary bypass?**
Alhan C., Toraman F., Karabulut H.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.41, no.5, pp.1213-1214, 2012 (SCI-Expanded)
- XLIX. **A simple method for occlusion of both venae cavae in total cardiopulmonary bypass for robotic surgery**
Gullu A. Ü., Senay S., Kocyigit M., Alhan C.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.14, no.2, pp.138-139, 2012 (SCI-Expanded)
- L. **Efficiency of Antibacterial Suture Material in Cardiac Surgery: A Double-Blind Randomized Prospective Study**
Isik I., Selimen D., SENAY S., ALHAN C.
HEART SURGERY FORUM, vol.15, no.1, 2012 (SCI-Expanded)
- LI. **Acute left main coronary artery occlusion following TAVI and emergency solution**
Dagdelen S., Karabulut H., Alhan C.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, no.8, pp.747-748, 2011 (SCI-Expanded)
- LII. **Stroke After Coronary Bypass Surgery Is Mainly Related to Diffuse Atherosclerotic Disease**
SENAY S., TORAMAN F., Akgun Y., Aydin E., Karabulut H., ALHAN C., SARIOĞLU C. T.

HEART SURGERY FORUM, vol.14, no.6, 2011 (SCI-Expanded)

- LIII. **Transcatheter aortic valve implantation in patients with high-risk aortic stenosis: a clinical follow-up**
DAĞDELEN S., Karabulut H., SENAY S., AKYOL A., TORAMAN F., Cagli H., Aydin E., Okten E., ALHAN C.
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.19, no.4, pp.495-502, 2011 (SCI-Expanded)
- LIV. **Validation of the EuroSCORE risk models in Turkish adult cardiac surgical population**
AKAR A. R., Kurtcephe M., Sener E., ALHAN C., Durdu S., Kunt A. G., GÜVENİR H. A.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.40, no.3, pp.730-735, 2011 (SCI-Expanded)
- LV. **Interrupted aortic arch or extreme coarctation? A case report and review of the literature.**
Teskin O., Gullu A. Ü., Senay S., Okten E. M., Alhan C.
The heart surgery forum, vol.14, no.3, 2011 (SCI-Expanded)
- LVI. **Use of recombinant factor VIIa as a rescue therapy for excessive bleeding after cardiac surgery**
Senay S., Karabulut H., Toraman F., Ratip S., Alhan C.
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.18, no.4, pp.324-326, 2010 (SCI-Expanded)
- LVII. **Readmission to the intensive care unit after fast-track cardiac surgery: An analysis of risk factors and outcome according to the type of operation**
Toraman F., Senay S., Gullu U., Karabulut H., Alhan C.
Heart Surgery Forum, vol.13, no.4, 2010 (SCI-Expanded)
- LVIII. **Efficiency of preoperative tranexamic acid in coronary bypass surgery: An analysis correlated with preoperative clopidogrel use**
Senay S., Toraman F., Karabulut H., Alhan C.
Heart Surgery Forum, vol.13, no.3, 2010 (SCI-Expanded)
- LIX. **TRANSCATHETER AORTIC VALVE IMPLANTATION IN PATIENTS WITH SEVERE COMORBIDITIES**
Senay S., Dagdelen S., Alhan C., Akyol A., Karabulut H., Toraman F., Cagil H.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.140, 2010 (SCI-Expanded)
- LX. **Endovascular treatment of occlusive abdominal aortic thrombosis.**
Alhan C., Karabulut H., Senay S., Cagil H., Toraman F.
Heart and vessels, vol.25, no.1, pp.70-72, 2010 (SCI-Expanded)
- LXI. **Endovascular treatment of occlusive abdominal aortic thrombosis**
ALHAN C., Karabulut H., SENAY S., Caeil H., TORAMAN F.
Heart and Vessels, vol.25, no.1, pp.63-69, 2010 (SCI-Expanded)
- LXII. **Is it the patient or the physician who cannot tolerate anemia? A prospective analysis in 1854 non-transfused coronary artery surgery patients**
Senay S., Toraman F., Karabulut H., Alhan C.
Perfusion, vol.24, no.6, pp.373-380, 2009 (SCI-Expanded)
- LXIII. **Continuous Arterial Pressure Waveform Analysis Accurately Detects Cardiac Output in Cardiac Surgery: A Prospective Comparison with Thermodilution, Echocardiography, and Magnetic Resonance Techniques**
Senay S., Toraman F., Gelmez S., Dagdelen S., Karabulut H., Alhan C.
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- LXIV. **Treatment of delayed retrograde dissection after endovascular stenting of thoracoabdominal aortic aneurysm: Graft-to-endograft anastomosis**
Karabulut H., Senay S., Toraman F., Alhan C.
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- LXV. **The impact of allogenic red cell transfusion and coated bypass circuit on the inflammatory response during cardiopulmonary bypass: a randomized study.**
Senay S., Toraman F., Gunaydin S., Kilercik M., Karabulut H., Alhan C.
Interactive cardiovascular and thoracic surgery, vol.8, pp.93-9, 2009 (SCI-Expanded)
- LXVI. **Endovascular Treatment of Rapidly Expanding Thoracoabdominal Aortic Aneurysm After Surgical Repair of Acute Type A Dissection**
Senay S., Alhan C., Karabulut H., Toraman F., Cagil H.

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- LXVII. **Endovascular treatment of traumatic thoracic aortic transection - Role of timing: A case report**
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- LXVIII. **Endovascular stent-graft treatment of type a dissection: Case report and review of literature**
Senay S., Alhan C., Toraman F., Karabulut H., Dagdelen S., Cagil H.
EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY, vol.34, no.4, pp.457-460, 2007 (SCI-Expanded)
- LXIX. **Hybrid Treatment of Ascending Aortic Pseudoaneurysm: Endovascular Stent-graft Placement and Extraanatomic Reconstruction without Sternotomy**
Alhan C., Senay S., Evrenkaya S., Toraman F., Karabulut H.
European Journal of Vascular and Endovascular Surgery, vol.33, no.3, pp.306-308, 2007 (SCI-Expanded)
- LXX. **Fast-track recovery in noncoronary cardiac surgery patients.**
Toraman F., Evrenkaya S., Yuce M., GÖKSEL O. S., Karabulut H., ALHAN C.
The heart surgery forum, vol.8, no.1, 2005 (SCI-Expanded)
- LXXI. **Late results of first myocardial revascularization in multiple vessel disease: single versus bilateral internal mammary artery with or without saphenous vein grafts - Discussion**
Alhan C., Calafiore C., Schachner A.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.26, no.3, pp.548, 2004 (SCI-Expanded)
- LXXII. **Meta-analysis on the effect of off-pump coronary bypass surgery - Conference discussion**
Zamvar V., Jansen J., Alhan C., Penn O.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.26, no.1, pp.84, 2004 (SCI-Expanded)
- LXXIII. **Clopidogrel before coronary artery surgery: bleeding or no bleeding? Reply to Raja**
Karabulut H., Alhan C.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.26, no.1, pp.232, 2004 (SCI-Expanded)
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- IX. **IT IS TO SEF ADJUST WARFARIN DOSAGE WITH COAGUCHECK AFTER CARDIAC SURGERY**
ARITÜRK C., ŞENAY Ş., Beltaş İlhan Z., GÜLLÜ A. Ü., ÖKTEN E. M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
22th ANNUAL MEETING OF THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY, 3 - 06 April 2014
- X. **Evidence for Mortality Benefit of Bypass Surgery over Stenting Before Publication of the SYNTAX and FREEDOM Trials: Value of Meta-Analyses**
Sipahi I., Blitz A., Akay M. H., Dagdelen S., Alhan C.
Scientific Sessions and Resuscitation Science Symposium of the American-Heart-Association, Texas, United States Of America, 16 - 17 November 2013, vol.128
- XI. **Robotik Kardiyak Cerrahi Yöntemi İle Atrial Septal Defekt Tamirinde Anestezi Deneyimlerimiz**
KOÇYİĞİT M., AKPEK E., GÜLLÜ A. Ü., ŞENAY Ş., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 47. Ulusal Kongresi, Turkey, 20 - 23 November 2013
- XII. **Minimal İnvaziv Kardiyak Cerrahide Anestezi Deneyimlerimiz**
KOÇYİĞİT M., AKPEK E., GÜLLÜ A. Ü., ŞENAY Ş., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 47. Ulusal Kongresi, Turkey, 20 - 23 November 2013
- XIII. **Pulmoner Venöz Dönüş Anomalili Erişkin Hastada Minimal İnvaziv Kardiyak Cerrahide Anestezi Deneyimlerimiz**
KOÇYİĞİT M., AKPEK E., GÜLLÜ A. Ü., ŞENAY Ş., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 47. Ulusal Kongresi, Turkey, 20 - 23 November 2013
- XIV. **AÇIK KALP CERRAHİSİNDE FENTANİL VE MİDAZOLAM IN HEDEF KONTROLLÜ İNFÜZYON TCI ŞEKLİNDE KULLANIMININ ANESTEZİ DÜZEYİNE VE MALİYETE ETKİLERİ**
USTALAR ÖZGEN Z. S., ERKEK E., GÜÇLÜ P., SAYIN KART J., ARITÜRK C., ÖKTEN E. M., KARABULUT E. H., ALHAN H. C., TORAMAN F.
GÖĞÜS KALP DAMAR ANESTEZİ VE YOĞUN BAKIM DERNEĞİ 19. ULUSAL KONGRESİ, Turkey, 16 - 19 May 2013
- XV. **WARFARİN TEDAVİSİNDE ANTİKOAGÜLAN ETKİSİNİN ACİL CERRAHİ ÖNCESİ PROTROMBİN KOMPLEKS KONSANTRESİ PCC İLE DÜZELTİLMESİ**
SAYIN KART J., ARITÜRK C., USTALAR ÖZGEN Z. S., ÖKTEN E. M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
GÖĞÜS KALP DAMAR ANESTEZİ VE YOĞUN BAKIM DERNEĞİ 19. ULUSAL KONGRESİ, Turkey, 16 - 19 May 2013
- XVI. **Biyoprostetik aortik kapak replasmanında kullanılan farklı protezlerin postoperatif trombosit düzeylerine etkisi**
GÜLLÜ A. Ü., ÖKTEN E. M., ARITÜRK C., KOÇYİĞİT M., ŞENAY Ş., TORAMAN F., DEĞİRMENCİOĞLU A., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012

- XVII. Mitral valve replacement with a bovine pericardium collared prosthesis an alternative technique for severe calcified mitral annulus**
GÜLLÜ A. Ü., ŞENAY Ş., KOÇYİĞİT M., KILIÇ L., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XVIII. Çıkan aort replasmanlarında cerrahi sonuçlar 322 olgunun analizi**
GÜLLÜ A. Ü., ÖKTEN E. M., ARITÜRK C., KOÇYİĞİT M., ŞENAY Ş., TORAMAN F., AKPEK E., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XIX. Current smoking is associated with decreased risk of atrial fibrillation after coronary bypass surgery**
ARITÜRK C., ŞENAY Ş., GÜLLÜ A. Ü., DEĞİRMENCİOĞLU A., KOÇYİĞİT M., ÇELİK F. S., TORAMAN F., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XX. Preservation of continuity between papillary muscle and annulus with artificial chordae in mitral valve replacement**
ŞENAY Ş., GÜLLÜ A. Ü., DEĞİRMENCİOĞLU A., ÖKTEN E. M., ARITÜRK C., KOÇYİĞİT M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XXI. The effect of lowest hematocrit and transfusion on risk of renal injury during coronary bypass surgery**
ŞENAY Ş., GÜLLÜ A. Ü., KOÇYİĞİT M., ÖKTEN E. M., ARITÜRK C., TORAMAN F., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Antalya, Turkey, 8 - 12 November 2012
- XXII. Yehova şahitlerinde kalp cerrahisi ve kan koruması**
KOÇYİĞİT M., GÜLLÜ A. Ü., ŞENAY Ş., TETİK Ö., AKPEK E., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XXIII. Transözafageal Ekokardiyografi ile Mitral Kapak Replasman Cerrahisi Sonrası Kapak fonksiyonlarının Değerlendirilmesi Olgu Sunumu**
KOÇYİĞİT M., GÜLLÜ A. Ü., AKPEK E., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XXIV. Açık kalp cerrahisinde lokal karbondioksit insuflasyonunun kangazı parametreleri üzerine etkisi**
KOÇYİĞİT M., GÜLLÜ A. Ü., ŞENAY Ş., AKPEK E., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 8 - 12 November 2012
- XXV. Transkatater aort kapak implantasyonu orta dönem sonuçları**
ÖKTEN E. M., GÜLLÜ A. Ü., erten çelik s., TORAMAN F., AKYOL A., ŞENAY Ş., DAĞDELEN S., KARABULUT E. H., ALHAN H. C.
Türk kalp ve damar cerrahisi derneği 12.ulusal kongresi, Turkey, 8 - 11 November 2012
- XXVI. Koroner by pass ameliyatlarında ciddi aortik ateroskleroz varlığında asendan aorta değişimi uzun dönem sonuçlar**
GÜLLÜ A. Ü., ÖKTEN E. M., AKAY M. H., ŞENAY Ş., KOÇYİĞİT M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
Türk Kalp Damar Cerrahisi Derneği 12. Ulusal Kongresi, Turkey, 08 November 2012 - 12 November 2102
- XXVII. Planned levosimendan use during cardiac surgery**
Akay H., GÜLLÜ A. Ü., ŞENAY Ş., ÖKTEN E. M., KOÇYİĞİT M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
26th EACTS Annual Meeting, 27 - 31 October 2012
- XXVIII. ERİŞKİN KALP CERRAHİSİNDE EKSTRAKORPOREAL DOLAŞIM SIRASINDA NIRS YÖNTEMİ İLE HEPATİK VE RENAL SOMATİK OKSİJEN SATURASYONU TAKİBİ ANLAMLI MI**
TORAMAN F., USTALAR ÖZGEN Z. S., SAYIN KART J., GÜÇLÜ P., ERKEK E., ÖKTEN E. M., GÜLLÜ A. Ü., ŞENAY Ş., KARABULUT E. H., ALHAN H. C.
18.Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği ULUSAL KONGRESİ, Turkey, 12 - 15 April 2012
- XXIX. TEK HATLI SOLUNUM DEVRELERİ SINGLE LIMB BREATHING CIRCUITS LIMB O GERÇEKTEN ETKİN Mİ**
TORAMAN F., USTALAR ÖZGEN Z. S., SAYIN KART J., BULCAK V., ERKEK E., ÖKTEN E. M., GÜLLÜ A. Ü., ŞENAY Ş., KARABULUT E. H., ALHAN H. C.

- 18.Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği ULUSAL KONGRESİ, Turkey, 12 - 15 April 2012
- XXX. **NEAR İNFRA RED SPEKTROSKOPİSİ NIRS GERÇEKTEN DOKU SATURASYONUNU ÖLÇÜYOR MU**
TORAMAN F., USTALAR ÖZGEN Z. S., SAYIN KART J., GÜÇLÜ P., ERKEK E., ÖKTEN E. M., GÜLLÜ A. Ü., ŞENAY Ş., KARABULUT E. H., ALHAN H. C.
- 18.Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği ULUSAL KONGRESİ, Turkey, 12 - 15 April 2012
- XXXI. **Yüksek riskli hastalarda transkateter aortik kapak implantasyonu**
ŞENAY Ş., DAĞDELEN S., ALHAN H. C., GÜLLÜ A. Ü., ÖKTEN E. M., AKYOL A., KARABULUT E. H., TORAMAN F., Çağrı H.
- XXVI.ULUSAL KARIYOLOJİ KONGRESİ, Turkey, 21 - 24 October 2010
- XXXII. **Korner by pass ameliyatlarında ciddi aortik ateroskleroz varlığında asendan aort değişimi uzun dönem sonuçlar**
GÜLLÜ A. Ü., ÖKTEN E. M., Akay M. H., ŞENAY Ş., KOÇYİĞİT M., TORAMAN F., KARABULUT E. H., ALHAN H. C.
Türk Kalp ve Damar Cerrahisi Derneği 12.Ulusal Kongresi, Turkey, 8 - 11 November 2011
- XXXIII. **KARDİOPULMONER BYPASS SIRASINDA GELİŞEN ANEMİNİN SEREBRAL KORTİKAL OKSİJEN SATÜRASYONUNA ETKİSİ**
TORAMAN F., ŞENAY Ş., İŞBİR O., USTALAR ÖZGEN Z. S., MAÇİKA H., ÖKTEN E. M., EREK E., UYSAL P., KARABULUT E. H., ALHAN H. C.
TÜRK ANESTEZİYOLOJİ ve REANİMASYON DERNEĞİ DERGİSİ, Turkey, 26 - 31 October 2011
- XXXIV. **KARDİOPULMONER BAYPASS SIRASINDAKİ SEREBRAL ARTERİOLER KARBONDİOKSİT REAKTİVİTESİNİN SEREBRAL OKSİMETRE İLE DEĞERLENDİRİLMESİ**
TORAMAN F., ESİN E., USTALAR ÖZGEN Z. S., DANIŞAN B., AYDIN E., ÖKTEN E. M., SAYIN KART J., ŞENAY Ş., KARABULUT E. H., ALHAN H. C.
TÜRK ANESTEZİYOLOJİ ve REANİMASYON DERNEĞİ DERGİSİ, Turkey, 26 - 31 October 2011
- XXXV. **ABDOMİNAL AORT ANEVİZMA PATOLOJİLERİNİN ENDOVASKÜLER CERRAHİ İLE TEDAVİSİNDE ORTA DÖNEM SONUÇLARIMIZ**
KARABULUT E. H., ŞENAY Ş., AYDIN E., ÖKTEN E. M., GÜLLÜ A. Ü., TORAMAN F., ALHAN H. C.
XV. ULUSAL VASKÜLER CERRAHİ KONGRE SAYISI, Turkey, 27 - 30 October 2011
- XXXVI. **Robotic mitral and tricuspid valve replacement in a patient with von Recklinghausen disease and disseminated cutaneous neurofibromas**
ALHAN H. C., ŞENAY Ş., GÜLLÜ A. Ü., KOÇYİĞİT M., ÇELİK F. S.
Türk Kardiyoloji Derneği 27. Ulusal Kardiyoloji Kongresi, İstanbul, Turkey, 27 - 30 October 2011
- XXXVII. **Robotik Kardiyak Cerrahide Anestezi Deneyimlerimiz**
KOÇYİĞİT M., AKPEK E., TETİK Ö., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 45. Ulusal Kongresi, Turkey, 26 - 30 October 2011
- XXXVIII. **Hemofili C Hastasında Robotik Cerrahi Yöntem İle ASD Kapatılması Ameliyatı Ve Anestezi Deneyimimiz**
KOÇYİĞİT M., AKPEK E., GÜLLÜ A. Ü., TETİK Ö., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 45. Ulusal Kongresi, Antalya, Turkey, 26 - 30 October 2011
- XXXIX. **Derin Beyin Stimulasyonlu Olguda Koroner Arter Cerrahi Uygulaması ve Anestezi**
KOÇYİĞİT M., AKPEK E., TETİK Ö., GÜLLÜ A. Ü., ALHAN H. C.
Türk Anesteziyoloji ve Reanimasyon Derneği 44. Ulusal Kongresi, Turkey, 27 - 31 October 2010
- XL. **KALP CERRAHİSİNDE BONEWAX KULLANIMININ POSTOPERATİF STERNAL DETAŞMAN İLE İLİŞKİSİ**
ALHAN H. C., ŞENAY Ş., GÜLLÜ A. Ü., ÖKTEN E. M., AYDIN E., KILIÇ L., KARABULUT E. H., TORAMAN F.
TÜRK GÖĞÜS KALP DAMAR CERRAHİSİ DERGİSİ, Turkey, 27 - 30 October 2010
- XLI. **ROBOTİK KALP CERRAHİSİ PERİOPERATİF TEKNİK VE ERKEN DÖNEM SONUÇLARI**
ALHAN H. C., ŞENAY Ş., GÜLLÜ A. Ü., AKPEK E., ÖKTEN E. M., KARABULUT E. H., ÇELİK F. S., TETİK Ö.
TÜRK GÖĞÜS KALP DAMAR CERRAHİSİ DERGİSİ, Turkey, 27 - 30 October 2010
- XLII. **ROBOTİK MİTRAL KAPAK TAMİRİ VİDEO SUNUMU**
ALHAN H. C., ŞENAY Ş., GÜLLÜ A. Ü., AKPEK E., ÖKTEN E. M., KARABULUT E. H., ÇELİK F. S., TETİK Ö.
XXVI. ULUSAL KARDİYOLOJİ KONGRESİ, Turkey, 21 - 24 October 2010
- XLIII. **İzole koroner baypass cerrahisi sonuçlarımız 11 yıllık deneyim**
ALHAN H. C., KARABULUT E. H., TORAMAN F., ŞENAY Ş., DAĞDELEN S., GÜLLÜ A. Ü., ÖKTEN E. M., AYDIN E., AKYOL

A., Çelik Erten S., et al.

XXVI.ULUSAL Kardiyoloji Kongresi, Turkey, 21 - 24 October 2010

XLIV. Treatment of massive distal late endoleak of descending thoracic aortic endovascular stenting

KARABULUT E. H., AYDIN E., Şahin Ş., TORAMAN F., ÖKTEN E. M., DAĞDELEN S., Hüseyin Ç., ALHAN H. C.

59th European Society for Cardiovascular Surgery international Congress, 15 - 18 April 2010

XLV. Noninfectious sternal dehiscence should ACE inhibitors be discontinued before cardiac operations

TORAMAN F., Şahin Ş., AYDIN E., ÖKTEN E. M., GÜLLÜ A. Ü., KARABULUT E. H., ALHAN H. C.

59th Society for Cardiovascular Surgery (ESCVS) International Congress, 15 - 18 April 2010

XLVI. KALP CERRAHİSİ SONRASI STERNAL YARA ENFEKSİYONU GELİŞİMİ

Baş Ö., ŞAHİN Ş., ÖKTEN E. M., AYDIN E., TORAMAN F., KARABULUT E. H., Hırsalı n., Çakır M., ALHAN H. C.

IV.ULUSAL YARA BAKIMI KONGRESİ, Turkey, 4 November - 07 April 2009

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