

Assoc. Prof. MD. Ali Baran BUDAK

Peripheral Vascular Surgery



Medical Interests

- Diagnosis and Treatment of Peripheral Vascular Disease - Endovascular / Hybrid / Surgical Interventions (Percutaneous arterial and venous interventions (atherectomy, pharmacomechanical thrombectomy, selective thrombolytic procedures, stent, balloon), EVAR-TEVAR, Stem Cell
- 1.Diabetic Foot
- 2.Critical Leg Ischemia / Gangrene (Acute or Chronic)
- 3.Deep Vein Thrombosis
- 4.Carotid Artery Stenosis
- 5.Aneurysm
- Varicose Veins Treatment (Radiofrequency, surgery, hybrid, sclerotherapy)
- Chronic Renal Failure Vascular Access Problems (Arteriovenous Fistula) (Endovascular – Surgical Interventions)
- Hybrid Vascular Surgery (Interventions in which Open and Angiographic Techniques are used simultaneously)
- Vascular Surgery
- Academic Development
- Adult Heart Surgery (coronary bypass, Valve Surgery)

Education

- Hacettepe University Faculty of Medicine / Undergraduate / 1994-2000
- Hacettepe University / Faculty of Medicine / M.Sc. / 2000
- Turkey Yüksek İhtisas Hospital Clinic of Cardiovascular Surgery / Ph.D.-S. Competency-Medical Specialization / 2007
- University of Health Sciences Ankara Numune Eah Cardiovascular Surgery / Associate Professor Title / 2018

Experience

- Atatürk Chest Disease. And Sky. Cer. Eah Cardiovascular Surgery Clinic / 2007-2008
- Erzurum Marshal Çakmak Hospital (Military Service) / 2008-2009
- Atatürk Chest Disease. And Sky. Cer. Eah Cardiovascular Surgery Clinic / 2009-2011
- Establishment of Ankara Training and Research Hospital Cardiovascular Surgery Clinic / 2011-2013
- Health Sciences University Ankara Numune Training and Research Hospital / 2013-2019
- Yüksekova State Hospital (Temporary Assignment) / 21.9.2016-12.10.2016
- Derecik Barracks Mobile Field Hospital within the Scope of Operation Claw / 20.6.2019-20.07.2019
- Health Sciences University Ankara City Hospital / 2019-2020
- Baskent University Alanya Practice and Research Hospital / 2020-2022

Memberships

- Turkish Society of Cardiovascular Surgery, 2006
- National Society of Vascular and Endovascular Surgery, 2006
- Phlebology Association, 2017
- Minimally Invasive and Robotic Surgery Association, 2017
- Charing Cross-London, Faculty Member, 2018
- European Society for Vascular Surgery, Member, 2018

Publications

1- Articles

A) Publications in journals scanned by international citation indexes such as Science citation Index (SCI), Science citation Index-Expanded (SCI-E), Arts and Humanities Citation Index (AHCI) or Social Science Citation Index (SSCI):

- A1. Budak AB, Korkmaz K, Gedik HS, Genç SB, Yener AU, Alur İ, Çağlı K. Quadruple valve replacement for rheumatic valvular disease. Excellent durability for 20 years. *Each Z.* 2015 Jun;40(4):731-3.
- A2. Refiker M, Budak B, Demirkan B, Yilmaz MB. Carney's syndrome: cardiac myxoma and Cushing's syndrome- a case report. *Clin Res Cardiol.* 2007 May;96(5):285-7. Epub 2007 Feb 26. PubMed PMID: 17323008.
- A3. Ali Baran Budak, Kevin McCusker, Serdar Günaydın. A structured Blood Conservation Program in Pediatric Cardiac Surgery. *European Review for Medical and Pharmacological Sciences.* Eur Rev Med Pharmacol Sci. 2017 Mar;21(5):1074-1079.
- A4. Cagli K, Ozeke O, Ergun K, Budak B, Demirtas E, İlkoglu CL, Pac M. Effect of low-dose amiodarone and magnesium combination on atrial fibrillation after coronary artery surgery. *JCard Surg.* 2006 Sep-Oct;2(5):458-64. PubMed PMID:16948756.
- A5. Eren Gunertem, Salim Urcun, Arda Aybars Pala, Ali Baran Budak, Murat Abdulhamid Ercisli, Serdar Günaydın. Predictiveness of different preoperative risk assessments for postoperative bleeding after coronary artery bypass grafting surgery. *Perfusion* 2020 Jul 10;267659120941327. doi: 10.1177/0267659120941327.
- A6. Good Morning Serdar, Robertson Craig, Budak Ali Baran, Gourlay Terence (2017). Comparative evaluation of blood salvage techniques in patients undergoing cardiac surgery with cardiopulmonary bypass. *perfusion* 2018 Mar;33(2):105-109. doi: 10.1177/0267659117728328.
- A7. Ozatik MA, Göl K, Budak B, Küçük S, Saritaş A, Mavitaş B, Sener E, Taşdemir O. [Reexploration for bleeding and tamponade in intensive care unit following open heart surgery]. *Anadolu Kardiyol Journal.* 2004 Mar;4(1):19-22. Turkish. PubMed PMID: 15033612.
- A8. Refiker M, Duru E, Budak B, Biyikoğlu F. [The anomalous origin of the left coronary artery from the right aortic sinus of Valsalva]. *Anadolu Kardiyol Journal.* 2007 Mar;7(1):111-2. Turkish. Erratum in: *Anadolu Kardiyol Journal.* 2007 Sep;7(3):347. PubMed PMID: 17347100.
- A9. Ulus AT, Turan NN, Seren M, Budak B, Tobacco U, Yazicioğlu H, Driver S, Akar F, Katircioğlu SF. In which period of injury is resveratrol treatment effective: ischemia or reperfusion? *Ann Vasc Surg.* 2007 May;21(3):360-6. PubMed PMID: 17484972.
- A10. Tobacco U, Cicekçioğlu F, Budak B, Temürtürkan M, Parlar AI, Seren M, Ulus AT, Katircioğlu SF. Coronary atherosclerosis distribution and the effect of blood glucose level on operative mortality/morbidity in diabetic patients undergoing coronary artery bypass grafting surgery: a single center experience. *Anadolu Kardiyol Journal.* 2007 Jun;7(2):158-63. PubMed PMID: 17513212.
- A11. Kemal Korkmaz, Ali Ümit Yener, Serhat Bahadır Genç, Hikmet Selçuk Gedik, Ali Baran Budak, Kerim Çağlı (2017). A comparison of four different endovenous ablation techniques. *The Turkish Journal of Thoracic and Cardiovascular Surgery,* 25(2), 209-215., Doi: 10.5606/tgkdc.dergisi.2017.10238.

- A12. Ali Ümit Yener, Ümit Kervan, Kemal Korkmaz, Hikmet Selçuk Gedik, Ali Baran Budak, Serhat Bahadır Genç, M. Turgut Alper Özkan, İrfan Taşoğlu, Mustafa Paç. The impact of coronary artery endarterectomy on mortality and morbidity during coronary artery bypass grafting. *Turk Gogus Cardiovascular* 2014;22(4):734-741.
- A13. Lafçı Ayşe, Budak Ali Baran (2017). Spinal anesthesia versus general anesthesia with a laryngeal mask airway in patients undergoing radiofrequency ablation for varicose veins. *The Turkish Journal of Thoracic and Cardiovascular Surgery*, 25(3), 388-393., Doi: 10.5606/tgkdc.dergisi.2017.14404.
- A14. Ersoy O, Budak AB, Mungan U, Tutun U, Parlar AI, Cicekcioglu F, Ulus AT, Katircioglu SF. Levosimendan for ischemic preconditioning in thoracic aortic aneurysm repair. *JCard Surg*. 2008 May-Jun;23(3):251-3. PubMed PMID: 18435642.
- A15. Korkmaz K, Lafçı G, Gedik HS, Budak AB, Yener AU, Ecevit AN, Yalçinkaya A, Kadiroğullari E, Çağlı K. Surgical treatment of post-infarct left ventricular pseudoaneurysm with on-pump beating heart technique. *Cardiovasc J Afr*. 2014 Sep-Oct;25(5):e1-4.
- A16. Cagli K, Gedik HS, Korkmaz K, Budak B, Yener U, Lafci G. Transventricular mitral valve repair in patients with acute forms of ischemic mitral regurgitation. *Tex Heart Inst J*. 2014 Jun 1;41(3):312-5.
- A.17. Lafc G, Budak AB, Yener AU, Cicek OF. Use of extracorporeal membrane oxygenation in adults. *HeartLung Circ*. 2014 Jan;23(1):10-23.
- A.18. Aksöyek A, Tobacco U, Ulus T, Ihsan Parlar A, Budak B, Temurturkan M, Katircioglu SF, Cobanoglu A. Surgical drainage of late cardiac tamponade following open heart surgery. *Thorac Cardiovasc Surg*. 2005 Oct;53(5):285-90. PubMed PMID: 16208614.
- A.19. Turan NN, Akar F, Budak B, Seren M, Parlar AI, Driver S, Ulus AT. How DMSO, a widely used solvent, affects spinal cord injury. *Ann Vasc Surg*. Jan 2008;22(1):98-105. Epub 2007 Dec 20. PubMed PMID: 18086517.
- A.20. Tulga Ulus A, Erbas S, Budak B, Tobacco U, Aksöyek A, Cicekcioglu F, Seren M, Arat N, Fehmi Katircioglu S. Dobutamine stress echocardiography and left ventricular mass changes of mechanical aortic valve replacement in four years follow-up. *Minerva Cardioangiol*. 2007 Apr;55(2):157-65. PubMed PMID: 17342036.
- A.21. Ulus AT, Tobacco U, Budak B, Erbaş S, Arat N, Bozboğa S, Köse K, Seren M, Parlar AI, Aksöyek A, Katircioğlu SF. Evaluation of hemodynamic changes in patients with mitral valve replacement using dobutamine stress echocardiography. *Anadolu Kardiyol Journal*. 2007 Dec;7(4):397-403. PubMed PMID: 18065336.
- A.22. Ali Umit Yener, Omer Faruk Cicek, Mustafa Cuneyt Cicek, Turgut Ozkan, Kemal Korkmaz, Ozlem Yener, Bahadır Genç, Baran Budak, Selcuk Gedik, Kerim Cagli. Does a Basic Blood Test Tell The Location of Peripheral Arterial Lesions? *Acta Medica Mediterranea*, 2015, 31: 377.
- A.23. Eroglu O, Budak B, Selcuk S, Ozbey C. Intraosseous lipoma of the rib. *Eur J Cardiothorac Surg*. 2010 Feb;37(2):483.
- A.24. Seren M, Budak B, Turan N, Parlar AI, Akar F, Ulus AT. Collaborative therapy with nebivolol and L-NAME for spinal cord ischemia/reperfusion injury. *Ann Vasc Surg*. 2008 May-Jun;22(3):425-31. PubMed PMID: 18466820.
- A.25. A.Tulga Ulus, U.Tutun, A.Aksöyek, F.Çiçekçioglu, B.Budak, M.Seren, S.Fehmi Katircioglu. Mitral valve replacement following closed mitral valvotomy. *Chirurgia* 2007;19:7-11.
- A.26. Korkmaz K, Gedik HS, Budak AB, Yener AU, Kaya E, Genc SB, Cagli K. Effect of Montelukast on Spinal Cord Ischemia- Reperfusion Injury. *Turk Neurosurg*. 2015;25(5):757-65.
- A.27. Aksöyek A, Ulus AT, Tobacco U, Budak B, Parlar A, Korkmaz K, Colak A, Katircioglu SF. Cardiac valve replacement with mechanical prostheses in patients aged 65 years and over. *J Heart Valve Dis*. 2004 Jul;13(4):641-50. PubMed PMID: 15311873.
- A.28. Korkmaz K, Yener AU, Gedik HS, Budak AB, Yener Ö, Genç SB, Lafçı A. Tumescentless endovenous radiofrequency ablation with local hypothermia and compression technique. *Cardiovasc J Afr*. 2013 Sep;24(8):313-7.
- A.29. Budak Ali Baran, McCusker Kevin, Good Morning-Serdar (2017). A Cardiopulmonary Bypass Based Blood Management Strategy in Adult Cardiac Surgery. *The Heart Surgery Forum*, 20(5), 195, Doi: 10.1532/hsf.1792.
- A.30. Tutun U, Aksoyek A, Ulus AT, Misirlioglu M, Cicekcioglu F, Ozisik K, Ihsan Parlar A, Baran Budak A, Gedik S, Katircioglu SF. Gene polymorphisms in patients below 35 years of age who underwent coronary artery bypass surgery. *Corona Artery Dis*. 2006 Feb;17(1):35-9. A

A.31. Budak B, Seren M, Turan NN, Sakaogullari Z, Ulus AT. The Protective Effects of Resveratrol and I-NAME on Visceral Organs following Aortic Clamping. *Ann Vasc Surg*. 2009 Jul 22. (Epub ahead of print) PubMed PMID: 19631503.

A32. Nusret Apaydın, Zülfikar Kadir Saritaş, Kamuran Pamuk, Eser Özgencil, Fulya Ocak, Tulga Ulus, Baran Budak, SelcukDriver, Salih Fehmi Katırcıoğlu. The Effects on Myocardial Improvement Using ATP-MgCl₂ during the Ischemia Reperfusion Period; An In Vitro Study. *Turkish. J. Vet. anim. sci.* 30 (2006) 449-456.

A33. Korkmaz K, Gedik HS, Budak AB, Erdem H, Lafci G, Karakilic E, Nacar OA, Yildirim L, Ankarali H. Effect of heparin on neuroprotection against spinal cord ischemia and reperfusion in rats. *Eur Rev Med Pharmacol Sci*. 2013 Feb;17(4):522-30

A34. Gunaydin S, Babaroglu S, Budak AB, Sayin B, Cayhan V, Ozisik K. Comparative clinical efficacy of novel bidirectional cannula in cardiac surgery via peripheral cannulation for cardiopulmonary bypass. *Perfusion* 2021 Jul 24: 2676591211033945. doi: 10.1177 / 02676591211033945

A35. Budak AB. Preventing transfusion-associated hyperkalemia in pediatric cardiac surgery: Measure the levels of potassium in packed red blood cells before using - Invited commentary *J Card Surg*. 2021 Nov 22. doi: 10.1111/jocs.16157.

A36. Budak AB, Gunertem OE, Ozisik K, Gunaydin S. Pharmacomechanical catheter-directed thrombolysis for acute iliofemoral deep vein thrombosis in a large study population. *J Vasc Surg Venous Lymphat Disord*. 2021 Dec 8:S2213-333X(21)00593-X. doi: 10.1016/j.jvsv.2021.11.005.

B) Publications published in journals within the scope of field indexes

B1. Kemal Korkmaz, Hikmet Selçuk Gedik, Ali Baran Budak, Serdar Günaydın, Kerim Çağlı (2017). Endovascular Repair of Peripheral Arterial Disease. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, 12(4), 287-292., Doi: 10.1097/IMI.0000000000000391.

B2. Serdar Gunaydin, Kanat Ozisik, Orhan Eren Gunertem, Ali Baran Budak, Seyhan Babaroglu, Atike Tekeli, Kevin McCusker. Minimally Invasive Aortic Valve Replacement on Minimally Invasive Extracorporeal Circulation: Going beyond Aesthetics. *J Extra Corpor Technol* 2020 Jun;52(2):90-95. doi: 10.1182/ject-200015.

C) International refereed journals, publications published in other citation indexes

C1. Kemal Korkmaz, Serhat Bahadır Young, Ali Baran Budak, Hikmet Selcuk Gedik, Kerim Cagli. Late Posttraumatic Tricuspid Valve Insufficiency Repaired By Artificial Chordae. *J Ann Eu Med* 2014;2(3):26-8. Doi:10.4328/AEMED.36.

C2. Kemal Korkmaz, Hikmet Selcuk Gedik, Ali Baran Budak, Serhat Bahadır Young, Naim Boran Tumer, Kerim Cagli. Management of Carotid Body Tumors: A Report of First 8 Cases. *Ann Eu Med* 2014;2(3): 21-5.Doi: 10.4328/AEMED.35.

C3. Kemal Korkmaz, Ali Baran Budak, Serhat Bahadır Young, Hikmet Selcuk Gedik, Kerim Cagli. Succesful Surgical Treatment of a Right Atrial Myxoma Associated with Pulmonary Embolism. *Ann Eu Med* 2014;2(2): 13-15. Doi: 10.4328/AEMED.37.

C4. Korkmaz, HS Gedik, AB Budak, SB Genç, A Lafçı, AU Yener, K Çağlı. Open Heart Surgery in a Newly Established Cardiovascular Department: The first 300 cases. *J Clin Anal Med* 2015;6(suppl 2):151-4.Doi: 10.4328/JCAM.2817.

C5. Budak Ali Baran, Kunt Atike Tekeli, Günertem Orhan Eren, Tümer Naim Boran, Özışık Kanat, Günaydın Serdar (2017). Endovascular treatment of a ruptured abdominal aortic aneurysm in a patient with cardiogenic shock. *EJCM* 2017;05(3):62-66. Doi: 10.15511/ejcm.17.00362.

C6. Atike Tekeli Kunt, Kanat Ozisik, Orhan Eren Günertem, Ali Baran Budak, Naim Boran Tümer, Seyhan Babaroglu, Serdar Günaydın. Tricuspid Valve Ring Anuloplasty in a Patient with 36-year In-situ Functioning Bjork-Shiley Valve In Mitral Position. *EJCM* 2019;7(3):153-155 Doi: 10.32596/ejcm.galenos.2019.05.026.

D) Publications in National Refereed Journals

D1. Tumer NB, Kunt AT, Gunertem OE, Babaroglu S, Budak AB, Karahasanoglu O, Gunaydin S, Ozisik K. Treatment for venous aneurysm: A salvage technique of AVF with an early cannulation prosthetic graft. *Turk J Clin Lab* 2019; 1:74-78.

- D2. Ali Baran Budak, Kemal Korkmaz, Hikmet Selçuk Gedik, Gökhan Lafçı, Ertuğrul Kaya, Handan Ankaralı, Serdar Günaydın. Effect of montelukast on hepatic and renal ischemia/reperfusion injury. Turk J Clin Lab 2017; 8(2): 43-51.
- D3. Günertem OE, Budak, AB , Tikici, D , Hekimoğlu, B , Acar, F , Birben, B , Tümer, N , Tekeli Kunt, A , Özışık, K , Günaydın, S . Efficiency of multidisciplinary approach in a patient with multitrauma. Turk J Clin Lab 2018; 4: 348-350.
- D4. Ayse Lafci, Derya Gokcinar, Ali Baran Budak, Kevin McCusker, Osman Dag, Serdar Gunaydin. Comparison of metabolic effects of del Nido cardioplegia, blood cardioplegia, and St. Thomas cardioplegia solutions in adult patients undergoing isolated minimally invasive aortic valve replacement surgery. Turk J Clin Lab 2018; 4: 260-265.
- D5. Kunt AT, Daglar G, Babaroglu S, Tumer NB, Gunertem OE, Budak AB, Ozisik K, Gunaydin S. Surgical management of "forgotten" goiter in a patient with the history of coronary artery bypass grafting. Turk J Clin Lab 2019; 1:117-119.
- D6. Ali Baran Budak, Orhan Eren Günertem, Naim Boran Tümer, Atike Tekeli, Kanat Özışık, Serdar Günaydın Mid-term results of endovenous radiofrequency ablation therapy on small saphenous vein. Turk J Vasc Surg 2017;26(3):73-79.
- D7. Ali Baran Budak, Orhan Eren Günertem, Naim Boran Tümer, Seyhan Babaroğlu, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın Prognostic value of neutrophil-to-lymphocyte ratio in patients undergoing endovenous ablation therapy for venous insufficiency. Turk J Vasc Surg 2017;26(3):98-103.
- D8. Tumer NB, Kunt AT, Gunaydin S, Ozisik K, Gunertem OE, Budak AB, Babaroglu S, Karahasanoglu O. The effect of desmopressin and tranexamic acid on blood product use and bleeding after emergent isolated coronary artery bypass grafting (CABG) surgery. Turk J Clin Lab 2020; 11(3): 93-99.
- D9. Budak AB, Saba T, Akalin N, Genctoy G, Haberal C. Prognostic factors for radiocephalic arteriovenous fistula maturation in patients with prior placement of a central venous catheter and relationship with inflammation. Turk J Clin Lab 2020; 11:124-135.
- D10. Budak AB, Sariyildiz H, Gunertem OE, Kulahcioglu E, Orhan G, Tumer NB, Kunt AT, Ozisik K, Gunaydin S. Procedural and mid-term outcomes of carotid artery stenting and carotid endarterectomy in asymptomatic patients: A single center experience. Turk J Clin Lab 2020; 11: 168-185.
- D11. Gunaydin S, Budak AB, Gunertem OE, Turner NB, Kunt AT, Ozisik K. Comparative efficacy of long-term anticoagulation in patients with acute deep vein thrombosis treated with pharmaco-mechanical catheter-directed thrombolysis. Turk J Clin Lab 2020; 4: 315-322. D23
- D12. Çoner A, Akıncı S, Akbay E, Budak AB, Saba T, Müderrisoğlu H. Development of De Novo Chronic Total Occlusion in Native Coronary Arteries of Coronary Artery Bypass Grafting Surgery Patients. Acta Med. Alanya 2020;4(3):230-235.
- D13. A. Tulga Ulus, Ufuk Tobacco, Ayşen Aksoyek, Mehtap Temürtürkan, Baran Budak, S. Fehmi Katırcıoğlu, Ali Holly, Adnan Çobanoğlu. Surgical Mortality and Distribution of Coronary Atherosclerosis in Elderly Diabetic Patients Having Coronary Artery Bypass Surgery. Turkish Journal of Geriatrics 7(1):15-20, 2004.
- D14. Baran Budak, Ufuk Tobacco, S. Fehmi Katırcıoğlu. The Role of Pulmonary Hypertension and Prostacyclin Analogs in Treatment. MN Cardiology 2006;13(1):61-79.
- D15. Baran BUDAK, Ufuk Tütün, S. Fehmi KATIRCIOĞLU. Mitral Homografts. MN Cardiology 2004;11(2).
- D16. A. Tulga Ulus, Baran Budak, Mustafa Seren. Anticoagulation and Neutralization (heparin, other anticoagulants, protamine, other neutralizers, blood coagulation factors deficiency). Türkiye Klinikleri Journal of Cardiovascular Surgery. 2004 Aug;5(2):84-100.
- D17. Ali İhsan Parlar, Mustafa Seren, Baran Budak. Unusual Problems in Cardiopulmonary Bypass. Türkiye Klinikleri Journal of Cardiovascular Surgery. 2004 Aug;5(2): 115-130.
- D18. Ali Baran Budak, Tamer Sarı, Serdar Günaydın. In-vitro Life Support Stages and Equipment. Türkiye Klinikleri J Cardiovasc Surg-Special Topics 2017;9(3):197-201.
- D19. Bülent Cümen, İhsan Alur, Yusuf İzzettin Alihanoğlu, Ali Baran Budak, Bekir Serhat Yıldız. Searching for Solutions in Creating Arteriovenous Fistula in Patients with End Stage Renal Failure: A New Trial. Journal of Vascular Surgery. Uvcd.2013-35180. doi number: 10.9739/uvcd.2013-35180.

D20. ALUR, İhsan; ALIHANOGLU, Yusuf İzzettin; BUDAK, Ali Baran; YILDIZ, Bekir Serhat; CUMEN, Bulent. A huge aneurysm of popliteal arteriovenous fistula occurred secondary to trauma. *Journal of Vascular Surgery*, 2013,22(1):93-96.doi: 10.9739/uvcd.2012-32965.

D21. Naim Boran Tümer, Atike Tekeli Kunt, Serdar Günaydın, Orhan Eren Günertem, Kanat Özışık, Ali Baran Budak. Cardiovascular critical care nursing procedures in patients on venoarterial extracorporeal membrane oxygenation. *Cardiovasc Perf Nurs* 2019;1(1):1-4.

D22. Ayşen Aksöyek, Ufuk Tobacco, Selime Ayaz, Ali Baran Budak, Ahmet Tulga Ulus, Ali İhsan Parlar, Sevinç Yılmaz, Salih Fehmi Katırcıoğlu. Evaluation of hematologic factors in young and elderly candidates for coronary artery bypass grafting. Evaluation of hematological factors in young and old patients who are candidates for coronary bypass surgery. *Turkish J Thorac Cardiovasc Surg* 2007;15(1):18-23

D23. Budak AB, Gunertem OE, Kulahcioglu E, Saglam MS, Lafci A, Ozisik K, Gunaydin S. Endovascular treatment of native aortic coarctation in adults: Two case reports and detailed review of the literature. *Turk J Clin Lab* 2020; 5:442-451.

2- Books

A) National/international books written and chapters in books:

A.1. Serdar Günaydın, Ali Baran Budak. Title of Book: VESSEL - Title of Department: Pathophysiology of Skeletal Muscle Reperfusion. Editors: Adil Polat, H. Tankut Akay, Cengiz Köksal, A. Kürşat Bozkurt. 2019 Bayçınar Medical Publishing and Advertising Service. Trade Ltd. Sti. ISBN: 978-605-69205-1-6.

A.2. Ahmet Tulga Ulus, Ufuk Tobacco, Ayşen Aksoyek, Mehtap Temürtürkan, Ali Baran Budak, Salih Fehmi Katırcıoğlu, Ali Holly, Adnan Çobanoğlu. Book Title: Cardiovascular Surgery - Department Name: Diabetes Mellitus in Coronary Surgery. Editor: Prof. Dr. Mustafa Pac, Assoc. Dr. Atif Akcevin, Dr. Serap Aykut Aka, Prof. Dr. Suat Buket, Prof. Dr. Tayyar Sarioglu. Issue number:1, ISBN: 975-567-028-9.

A3. Ali Baran Budak, Tonguç Saba, Serkan Burç Deşer. Title of Book: Update in Venous Thromboembolism - Title of Department: Interventional Treatment in Acute Deep Vein Thrombosis. Editor: Prof. Dr. H. Tankut Akay. 2021 Istanbul Medical Health and Publishing Service. Trade Ltd. Sti. ISBN: 978-625-7291-64-4.

B) International Books Chapter Translation/Book Translation

B.1. Ali Baran Budak, Serdar Good Morning. Intensive Care- Department name: Extracorporeal Membrane Oxygenation. Editor: John M. Oropello, Translation Editors: Prof. Dr. Isil Ozkocak Turan, Prof. Dr. Volkan Hanci. Academician Bookstore. ISBN: 978-605-2396-81-0.

B.2. Ali Baran Budak, Serdar Good Morning. Intensive Care- Department name: Chest Tube Insertion. Editor: John M. Oropello, Translation Editors: Prof. Dr. Isil Ozkocak Turan, Prof. Dr. Volkan Hanci. Academician Bookstore. ISBN: 978-605-2396-81-0.

B.3. Ali Baran Budak, Ali Holly, Yeşim Gökçe Holly, Berna Arda, Ahmet Sedat Boyacıoğlu, Selçuk Bölükbaşı, Emel Güngör, Ulunay Kanatlı, Mehmet Mahir Özmen, Füsun Özmen, Seza Aykın Şimşek, Orhan Yılmaz. Mayo Clinic-Healthy Aging. Sun Bookstore. Editor: Prof. Dr. Yeşim Gökçe is Sacred. ISBN: 975-277-011-8.

3- Papers Presented at Scientific Meetings and Published in the Proceedings Book

A) International oral notification

A1. Mola Ş., Cicek OF., Kadirogullari E., ERkengel I., Gunertem E., Budak AB., Yasar E., Diken AI., Lafci G., Gunaydin S., Cagli K., "Perioperative outcome of Fundaro annuloplasty with Carpentier type-3 mitral regurgitation" Heart Valve Society Meeting, NewYork, 2nd Annual Symposium, 17-19 March, USA, 2016

A2. Ayşen Aksöyek, Ufuk Tobacco, Ahmet Tulga Ulus, Ali İhsan Parlar, Seyhan Yılmaz, Ali Baran Budak, Salih Fehmi Katırcıoğlu (2004). Endothelial and Coagulation Markers in Patients Who Underwent Coronary Bypass Grafting Below 35 Years of Age. 6. Annual Meeting Mediterranean Association of Cardiology and Cardiac Surgery,

A3. Ali Baran Budak, Serdar Günaydın, Orhan Eren Günertem, Naim Boran Tümer, Kanat Özışık. Hybridization of Pharmacomechanical Thrombectomy with Catheter-Directed Thrombolysis: Improving Management of Acute Iliofemoral Deep Vein Thrombosis. 4th Minimally Invasive and Robotic Cardiothoracic Surgery Congress. 21-23 June, Istanbul-Turkey. Innovations Volume 13, Number 2S, 2018

D20. ALUR, İhsan; ALIHANOGLU, Yusuf İzzettin; BUDAK, Ali Baran; YILDIZ, Bekir Serhat; CUMEN, Bulent. A huge aneurysm of popliteal arteriovenous fistula occurred secondary to trauma. *Journal of Vascular Surgery*, 2013,22(1):93-96.doi: 10.9739/uvcd.2012-32965.

D21. Naim Boran Tümer, Atike Tekeli Kunt, Serdar Günaydın, Orhan Eren Günertem, Kanat Özışık, Ali Baran Budak. Cardiovascular critical care nursing procedures in patients on venoarterial extracorporeal membrane oxygenation. *Cardiovasc Perf Nurs* 2019;1(1):1-4.

D22. Ayşen Aksöyek, Ufuk Tobacco, Selime Ayaz, Ali Baran Budak, Ahmet Tulga Ulus, Ali İhsan Parlar, Sevinç Yılmaz, Salih Fehmi Katırcıoğlu. Evaluation of hematologic factors in young and elderly candidates for coronary artery bypass grafting. Evaluation of hematological factors in young and old patients who are candidates for coronary bypass surgery. *Turkish J Thorac Cardiovasc Surg* 2007;15(1):18-23

D23. Budak AB, Gunertem OE, Kulahcioglu E, Saglam MS, Lafci A, Ozisik K, Gunaydin S. Endovascular treatment of native aortic coarctation in adults: Two case reports and detailed review of the literature. *Turk J Clin Lab* 2020; 5:442-451.

2- Books

A) National/international books written and chapters in books:

A.1. Serdar Günaydın, Ali Baran Budak. Title of Book: VESSEL - Title of Department: Pathophysiology of Skeletal Muscle Reperfusion. Editors: Adil Polat, H. Tankut Akay, Cengiz Köksal, A. Kürşat Bozkurt. 2019 Bayçınar Medical Publishing and Advertising Service. Trade Ltd. Sti. ISBN: 978-605-69205-1-6.

A.2. Ahmet Tulga Ulus, Ufuk Tobacco, Ayşen Aksoyek, Mehtap Temürtürkan, Ali Baran Budak, Salih Fehmi Katırcıoğlu, Ali Holly, Adnan Çobanoğlu. Book Title: Cardiovascular Surgery - Department Name: Diabetes Mellitus in Coronary Surgery. Editor: Prof. Dr. Mustafa Pac, Assoc. Dr. Atif Akcevin, Dr. Serap Aykut Aka, Prof. Dr. Suat Buket, Prof. Dr. Tayyar Sarioglu. Issue number:1, ISBN: 975-567-028-9.

A3. Ali Baran Budak, Tonguç Saba, Serkan Burç Deşer. Title of Book: Update in Venous Thromboembolism - Title of Department: Interventional Treatment in Acute Deep Vein Thrombosis. Editor: Prof. Dr. H. Tankut Akay. 2021 Istanbul Medical Health and Publishing Service. Trade Ltd. Sti. ISBN: 978-625-7291-64-4.

B) International Books Chapter Translation/Book Translation

B.1. Ali Baran Budak, Serdar Good Morning. Intensive Care- Department name: Extracorporeal Membrane Oxygenation. Editor: John M. Oropello, Translation Editors: Prof. Dr. Isil Ozkocak Turan, Prof. Dr. Volkan Hanci. Academician Bookstore. ISBN: 978-605-2396-81-0.

B.2. Ali Baran Budak, Serdar Good Morning. Intensive Care- Department name: Chest Tube Insertion. Editor: John M. Oropello, Translation Editors: Prof. Dr. Isil Ozkocak Turan, Prof. Dr. Volkan Hanci. Academician Bookstore. ISBN: 978-605-2396-81-0.

B.3. Ali Baran Budak, Ali Holly, Yeşim Gökçe Holly, Berna Arda, Ahmet Sedat Boyacıoğlu, Selçuk Bölükbaşı, Emel Güngör, Ulunay Kanatlı, Mehmet Mahir Özmen, Füsun Özmen, Seza Aykın Şimşek, Orhan Yılmaz. Mayo Clinic-Healthy Aging. Sun Bookstore. Editor: Prof. Dr. Yeşim Gökçe is Sacred. ISBN: 975-277-011-8.

3- Papers Presented at Scientific Meetings and Published in the Proceedings Book

A) International oral notification

A1. Mola Ş., Cicek OF., Kadirogullari E., ERkengel I., Gunertem E., Budak AB., Yasar E., Diken AI., Lafci G., Gunaydin S., Cagli K., "Perioperative outcome of Fundaro annuloplasty with Carpentier type-3 mitral regurgitation" Heart Valve Society Meeting, NewYork, 2nd Annual Symposium, 17-19 March, USA, 2016

A2. Ayşen Aksöyek, Ufuk Tobacco, Ahmet Tulga Ulus, Ali İhsan Parlar, Seyhan Yılmaz, Ali Baran Budak, Salih Fehmi Katırcıoğlu (2004). Endothelial and Coagulation Markers in Patients Who Underwent Coronary Bypass Grafting Below 35 Years of Age. 6. Annual Meeting Mediterranean Association of Cardiology and Cardiac Surgery,

A3. Ali Baran Budak, Serdar Günaydın, Orhan Eren Günertem, Naim Boran Tümer, Kanat Özışık. Hybridization of Pharmacomechanical Thrombectomy with Catheter-Directed Thrombolysis: Improving Management of Acute Iliofemoral Deep Vein Thrombosis. 4th Minimally Invasive and Robotic Cardiothoracic Surgery Congress. 21-23 June, Istanbul-Turkey. Innovations Volume 13, Number 2S, 2018

- A4. Tutun U, Ulus AT, Aksoyek A, Misirlioglu M, Cicekcioglu F, Ozisik K, Ihsan Parlar A, Baran Budak A, Gedik S, Katircioglu SF. Gene polymorphisms in patients who underwent coronary artery bypass surgery below 35 years of age. 6th International Congress on Coronary Artery Disease from Prevention to Intervention. October 29–November 1, 2005, Istanbul-TURKEY.
- A5. Serdar Günaydın, Kanat Özışık, Atike Tekeli Kunt, Ali Baran Budak, Orhan Eren Günertem, Naim Boran Tümer, Ayşe Lafçı. Alternatives and Pitfalls in Cannulation During Minimally Invasive Cardiac Surgery. 14th International Congress of Update in Cardiology and Cardiovascular Surgery Meeting, 5-8 April 2018, Antalya-Turkey.
- A6. Naim Boran Tumer, Atike Tekeli Kunt, Serdar Gunaydin, Kanat Ozisik, Orhan Eren Gunertem, Ali Baran Budak, Seyhan Babaroglu, Onur Karahasanoglu. The Effect Of Desmopressin On Blood Product Use And Postoperative Bleeding After Emergent Cardiac Surgery 15th International Congress of Update in Cardiology and Cardiovascular Surgery 27-30 March 2019
- A7. Hikmet Selcuk Gedik, Kemal Korkmaz, Ali Baran Budak, Serdar Günaydın (2017). Endovascular Repair of Peripheral Arterial Disease: Angioplasty versus Stenting: Mid-term Results from a Single Center. 13th International Congress of Update in Cardiology and Cardiovascular Surgery(UCCVS): 23-26 March 2017- İzmir,Turkey
- A8. A.B.Budak, H.S.Gedik, K.Korkmaz, S.B. Genc, T.Bozkurt, S.Günaydın, K.Cagli. Prognostic value of neutrophil-to-lymphocyte ratio in patient undergoing endovenous ablation therapy for venous insufficiency. 65th International Congress of the European Society of Cardiovascular and endovascular Surgery (ESVCS), 21-24 April, Belgrade, Serbia, 2016.
- A9. Ali Baran Budak, Hikmet Selçuk Gedik, Kemal Korkmaz, Naim Boran Tümer, Onur Üstünel, Serdar Günaydın, Kerim Çağlı (2016). A Structured Blood Conservation Program in Adult Cardiac Surgery. 30th EACTS Annual Meeting, 1-5 October 2016-Barcelona.
- A10. Kemal Korkmaz, Hikmet Selcuk Gedik, Ali Baran Budak, Serdar Gunaydin, Kerim Cagli. Comparison Of General And Local Anesthesia For Endovascular Treatment of Peripheral Arterial Disease. 12th International Congress of Update in Cardiology and Cardiovascular Surgery. 10 - 13 March 2016 / Antalya - Turkey.
- A.11. Cagli K., Budak AB., Korkmaz K., Gedik HS., Gunertem E., Cicek O., Lafci G., Gunaydin S. Double-Sided mitral valve repair: Transventricular approach augmented by undersized annuloplasty via conventional left atriotomy. Heart Valve Society Meeting, NewYork, 2nd Annual Symposium, 17-19 March, USA, 2016
- A12. Kemal Korkmaz, Serhat Bahadır Young, Ali Baran Budak, Hikmet Selcuk Gedik, Kerim Cagli. Late Posttraumatic Tricuspid Valve Insufficiency Repaired By Artificial Chordae. Heart Valve Society Meeting, NewYork, 2nd Annual Symposium, 17-19 March, USA, 2016
- A13. Kanat Özışık, Serdar Günaydın, Orhan Eren Günertem, Ali Baran Budak, Atike Tekeli Kunt, Naim Boran Tümer, Seyhan Babaroglu. Clinical Outcome of Sutureless Versus Mechanical Aortic Valve Replacement In Minimally Invasive Cardiac Surgery. 14th International Congress of Update in Cardiology and Cardiovascular Surgery Meeting, 5-8 April 2018, Antalya-Turkey
- A14. Naim Boran Tumer, Atike Tekeli Kunt, Serdar Gunaydin, Kanat Ozisik, Orhan Eren Gunertem, Ali Baran Budak, Onur Karahasanoglu, Seyhan Babaroglu. Preoperative Urinary PH is Associated With Acute Kidney Injury After Cardiac Surgery in Non-Diabetic Patients. 15th International Congress of Update in Cardiology and Cardiovascular Surgery 27-30 March 2019
- A15. Ali Baran Budak, Hikmet Selçuk Gedik, Naim Boran Tümer, Serdar Günaydın. Midterm Results of Radiofrequency ablation for Incompetent Small Saphenous Vein in Terms of Recanalization and Sural Neuritis. 13th International Congress of Update in Cardiology and Cardiovascular Surgery(UCCVS): 23-26 March 2017- İzmir,Turkey
- A16. Cicek OF., Kadirogullari E., Mola S., Erkengel I., Gunertem E., Budak AB., Yalcinkaya A., Cicek MC., Esenboga K., Lafci G., Gunaydin S., Cagli K., "Mitral valve repair with isolated ring annuloplasty: Midterm results of 43 patients". 65th International Congress of the European Society of Cardiovascular and endovascular Surgery (ESVCS), 21-24 April, Belgrade, Serbia, 2016
- A17. Erkengel I., Cicek OF., Kadirogullari E., Mola S., Gunertem E., Budak AB., Yasar E., Yalcinkaya A., Lafci G., Gunaydin S., Cagli K., "Midterm outcomes of chordal cutting in combination with downsized ring annuloplasty for mitral regurgitation" 65th International Congress of the European Society of Cardiovascular and endovascular Surgery (ESVCS), 21-24 April, Belgrade, Serbia, 2016

B) International Poster Announcement

- B1. Ali Baran Budak, Serdar Günaydın, Kanat Özışık, Orhan Eren Günertem. Minimally Invasive Internal Compression Therapy for Chronic Venous Insufficiency: An Innovative Vein-Restoring Technique. 4th Minimally Invasive and Robotic Cardiothoracic Surgery Congress. 21-23 June, Istanbul-Turkey. Innovations Volume 13, Number 2S, 2018
- B2. Kemal Korkmaz, Hikmet Selçuk Gedik-, Ali Baran Budak, Serdar Gunaydin, Kerim Cagli. Endovascular Repair Of Peripheral Arterial Disease: Mid-Term Results From A Single Center. 16th ISMICS: International Society For Minimally Invasive Cardiothoracic Surgery. 15-18 June 2016 /Montreal, Canada. Vol 11, Supplement 2:pp 127.
- B3. Ufuk Tobacco, Ayşen Aksöyek, Ahmet Tulga Ulus, Kanat Özışık, Ali İhsan Parlar, Ali Baran Budak, Salih Fehmi Katırcıoğlu (2004). Renin-Angiotensin Genetic Polymorphism in Coronary Atherosclerotic Disease Below 35 years of Age. 6. Annual Meeting Mediterranean Association of Cardiology and Cardiac Surgery
- B4. Orhan Eren Günertem, Ali Baran Budak, Onur Karahasanoğlu, Naim Boran Tümer, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın. Early Outcomes of Glue Ablation with N-Butyl-2-Cyanoacrylate for the treatment of small saphenous vein insufficiency: A single center experience. International Union of Phlebology Chapter Meeting. Krakow, 25-27 August 2019
- B5. Hikmet Selçuk Gedik, Kemal Korkmaz, Ali Baran Budak, Serdar Gunaydin, Ayse Lafci, Kerim Cagli. Clinical Management of Renal Cell Carcinoma With Vena Cava Inferior Thrombosis. 12nd International Congress of Update in Cardiology and Cardiovascular Surgery. 10-13 March 2016, Antalya-Turkey.
- B6. Hikmet Selçuk Gedik, Kemal Korkmaz, Ali Baran Budak, Serdar Gunaydin, Kerim Cagli. Midterm Follow-Up Of Endovascular Treatment Of Peripheral Arterial Disease In Elderly Patients. 65.th International Congress of the European Society of Cardiovascular and endovascular Sugery (ESVCS), 21-24 April, Belgrade, Serbia, 2016
- B7. Hikmet Selçuk Gedik, Ali Baran Budak, Serdar Günaydın, Kerim Çağlı (2017). Midterm Surgical Outcomes of Postinfarction Ventricular Septal Defects Ten-Year Experience. 13th International Congress of Update in Cardiology and Cardiovascular Surgery(UCCVS): 23-26 March 2017- İzmir,Turkey.
- B8. Atike Tekeli Kunt, Kanat Ozisik, Orhan Eren Günertem, Ali Baran Budak, Naim Boran Tümer, Seyhan Babaroğlu, Serdar Günaydın. Tricuspid Valve Ring Anuloplasty in a Patient with 36-year In-situ Funtioning Bjork-Shiley Valve In Mitral Position. 14th International Congress of Update in Cardiology and Cardiovascular Surgery, 5-8 April, Antalya, Turkey, 2018
- B9. Naim Boran Tumer, Atike Tekeli Kunt, Orhan Eren Gunertem, Seyhan Babaroglu, Ali Baran Budak, Onur Karahasanoğlu, Serdar Gunaydin, Kanat Ozisik. Treatment For A Venous Aneurysm: A Salvage Technique Of Avf With An Early Cannulation Prosthetic Graft 15th International Congress of Update in Cardiology and Cardiovascular Surgery 27-30 March 2019
- B10. Kerim Cagli, Ersin Kadirogullari, Omer Faruk Cicek, Emre Yasar, Serkan Mola, Ibrahim Erkengel, Eren Gunertem, Ferhat Ikbaliarsar, Sabit Kocabeyoglu, Ali Baran Budak, Adnan Yalcinkaya, Adem Diken, Gokhan Lafci, Serdar Gunaydin. Midterm Outcome of Mitral Valve Repair in 351 Patients From A Single Team in Turkey. 16th ISMICS: International Society For Minimally Invasive Cardiothoracic Surgery. 15-18 June 2016 /Montreal, Canada. Vol 11, Supplement 2:pp 129.
- B11. A.B.Budak, K.Korkmaz, H.S.Gedik, S.B. Genc, U.Turkmen, T.Bozkurt, S.Günaydın, K.Çağlı. Comparison of three different endovenous ablation techniques for treatment of varicose veins. 65.th International Congress of the European Society of Cardiovascular and endovascular Sugery (ESVCS), 21-24 April, Belgrade, Serbia, 2016.
- B12. Ali Baran Budak, Hikmet Selçuk Gedik, Serfar Günaydın, Kerim Çağlı. (2017). Optimal Strategy in Patients Undergoing Multiple Surgery Due to Recurrent Endocarditis: A case with 9 different procedures. 13th International Congress of Update in Cardiology and Cardiovascular Surgery(UCCVS): 23-26March 2017- İzmir,Turkey.
- B13. Ali Baran Budak, Hikmet Selçuk Gedik, Serdar Günaydın, Kerim Çağlı. Clinical Perspective and Surgical Approach to Cardiac Tumors / Ten-Year Experience. 13th International Congress of Update in Cardiology and Cardiovascular Surgery(UCCVS): 23-26 March 2017- İzmir,Turkey.
- B14. Budak AB, Terzioglu SG, Günertem OE, Tümer B, Sağlam S, Saba T, Toprak S, Tekeli A, Özışık K, Günaydın S. Are Gray Zones In Preferred Initial Revascularization Strategies For Infringuinal Peripheral Artery Disease Really Grey? ESVS 35th Hybrid Annual Meeting, 28-29th September 2021, Rotterdam, The Netherlands & Online.

C) National Verbal Statement

- C1. F.Çiçekçioğlu, U.Tütün, S.Babaroğlu, A.Aksöyek, A.Parlar, A.Budak, Z.Çatav, A.Ulus, S.Katırcioğlu. Early Results of Aortic Valve Surgery with Retrograde Coronary Sinus Blood Perfusion in the Working Heart. Turkish Society of Cardiovascular Surgery 9th Congress with International Participation 1-5 November 2006 Antalya.
- C2. Orhan Eren Günertem, Kanat Özışık, Serdar Günaydın, Atike Tekeli Kunt, Ali Baran Budak, Naim Boran Tümer. Endovascular Treatment of Infrapopliteal Lesions. (SS093) Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya.
- C3. Kemal Korkmaz, Hikmet Selcuk Gedik, Ali Baran Budak, Ali Umit Yener, Serhat Bahadır Young, Ertugrul Kaya, Havva Erdem, Handan Ankaralı, Kerim Cagli. Effect of montelukast on spinal cord ischemia/reperfusion injury. Turkish Society of Cardiovascular Surgery 13th Congress with International Participation October 2014 Antalya
- C4. Kemal Korkmaz, Ali Baran Budak, Naim Boran Tümer, Ufuk Turkmen, Tezcan Bozkurt, Serdar Günaydın, Kerim Çağlı. Short-term outcomes in multi-vessel high-risk coronary artery bypass surgery by the use of Del Nido versus intermittent blood cardioplegia. Turkish Society of Cardiovascular Surgery 14th Congress with International Participation 3-6 November 2016 Antalya.
- C5. Ali Baran Budak, Orhan Eren Günertem, Naim Boran Tümer, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın. Pharmacomechanical Treatment of Symptomatic Deep Vein Thrombosis: Hybrid Approach. 18th National Vascular and Endovascular Surgery Congress & 9th National Phlebology Congress, 9-12 November 2017, Girne- TRNC.
- C6. Özatik MA, Küçüker Ş, Tarcan O, Bardakçı H, Budak B, Balcı M, Vural K, Küçükaksu DS, Şener E, Taşdemir O. Monitorization and Importance of Cyclosporine Level in Immunosuppressive Treatment After Heart Transplantation. Organ Transplantation Organizations Coordination Association III. Congress-Transplantation 2002. 17- 20 October 2002, Adana-Turkey.
- C7. M.Özatik, M.Göl, B.Budak, S.Küçüker, A.Sarıtaş, B.Mavitaş, E.Şener, O.Taşdemir. Reexplorations in Intensive Care Due to Bleeding or Tamponing After Open Heart Surgery. Turkish Society of Cardiovascular Surgery 7th National Congress 23-27 October 2002 Antalya.
- C8. Budak AB, Seren M, Turan NN, Tobacco U, Parlar AI, Aksöyek A, Akar F, Ulus AT, Katırcioğlu SF. Effect of Resveratrol on Distant Organ Damage After Aortic Cross-Clamping. 13. National Vascular Surgery Congress, 22-26 May 2007, Antalya.
- C9. Kanat Özışık, Serdar Günaydın, Ali Baran Budak, Atike Tekeli Kunt, Orhan Eren Günertem, Naim Boran Tümer. Short-term results of endovascular salvage techniques for failed arteriovenous fistulas (SS145). Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya.
- C10. Ali Baran Budak, Serdar Günaydın, Kanat Özışık, Orhan Eren Günertem, Atike Tekeli Kunt, Naim Boran Tümer. Approach to chronic total occlusions of the superficial femoral artery: Planning is Everything. (SS224) Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya.
- C11. Serdar Günaydın, Naim Boran Tümer, Kanat Özışık, Atike Tekeli Kunt, Orhan Eren Günertem, Ali Baran Budak. Preoperative IV iron carboxymaltose treatment (SS218) in blood and blood product management in cardiac operations 15th Congress of Turkish Society of Cardiovascular Surgery, 26-29 October 2018 Antalya.
- C12. Ali Baran Budak, Serdar Günaydın, Kanat Özışık, Atike Tekeli Kunt, Orhan Eren Günertem, Naim Boran Tümer. Periprocedural outcomes of carotid artery stenting: report from a single center . (SS256) Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya.
- C13. Ali Baran Budak, Orhan Eren Günertem, Kanat Özışık, Serdar Günaydın. Retrograde recanalization for chronic superficial femoral artery occlusion: Should it be a primary strategy or an alternative after failure of antegrade approach? (SS-154). 16. Turkish Society of Cardiovascular Surgery National Congress 12-15 November 2020 (Digital)
- C14. Tonguç Saba, Ali Baran Budak, Cevahir Haberal. Forgotten Technique: Use of Forearm Perforating Vein in Arteriovenous Fistulas Created for Hemodialysis (SS-028). 16. Turkish Society of Cardiovascular Surgery National Congress 12-15 November 2020 (Digital).
- C15. Cevahir Haberal, Tonguc Saba, Ali Baran Budak. Use of Omniflow II® Biosynthetic Graft for Hemodialysis - 1-Year Results (SS-029). 16. Turkish Heart and Vascular CeSurgery Association National Congress 12-15 November 2020 (Digital).
- C16. Ali Baran Budak, Kemal Korkmaz, Hikmet Selcuk Gedik, Serhat Bahadır Young, Serdar Günaydın, Kerim Çağlı. Midterm clinical outcome of endovenous glue ablation for treatment of varicose veins. 14th Congress of Turkish Society of Cardiovascular Surgery. 3-6 November 2016, Antalya-Turkey.

D) National Poster Announcement

- D1. Kemal Korkmaz, Wisdom Selcuk Gedik, Ali Baran Budak, Serhat Bahadır Young, Serdar Günaydın, Kerim Çağlı. Ultrasound-accelerated catheter-directed thrombolysis for the treatment of deep venous thrombosis. Turkish Society of Cardiovascular Surgery 14th Congress with International Participation 3-6 November 2016 Antalya.
- D2. Kerem Yay, Ali İhsan Parlar, Çağatay Tuncel, Ali Baran Budak, Mehtap Temürtürkan, Ufuk Tobacco, Ayşen Aksöyek, Cemal Levent Birioğlu, Mustafa Paç, Ahmet Tulga Ulus, Salih Fehmi Katircioğlu, Murat Bayazıt. Carotid Artery Injuries. 13. National Vascular Surgery Congress. May 2007. Turkish J Vasc Surg 2007(16);Supplement 1:p:141.
- D3. Naim Boran Tümer, Ali Baran Budak, Orhan Eren Günertem, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın. Incidence of Iatrogenic Femoral Artery Pseudoaneurysm After Cardiac and Peripheral Percutaneous Interventions: Are Cardiovascular Surgeons More Careful? 18th National Vascular and Endovascular Surgery Congress & 9th National Phlebology Congress, 9-12 November 2017, Girne- TRNC.
- D4. Ali Baran Budak, Naim Boran Tümer, Orhan Eren Günertem, Atike Tekeli Kunt, Kanat Özışık Serdar Günaydın. Endovascular Treatment of Peripheral Arterial Disease: Difficult Lesions Proliferated Options. 18th National Vascular and Endovascular Surgery Congress & 9th National Phlebology Congress, 9-12 November 2017, Girne- TRNC.
- D5. Ali Baran Budak, Orhan Eren Günertem, Naim Boran Tümer, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın. Endovascular Treatment of Abdominal Aortic Aneurysm with Excess Iliac Angle 18th National Vascular and Endovascular Surgery Congress & 9th National Phlebology Congress, 9-12 November 2017, Girne- TRNC.
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- D7. Naim Boran Tümer, Ali Baran Budak, Orhan Eren Günertem, Atike Tekeli Kunt, Kanat Özışık, Serdar Günaydın. Stem Cell Therapy in patients with ischemic extremity ulcers who have no chance of treatment. 18th National Vascular and Endovascular Surgery Congress & 9th National Phlebology Congress, 9-12 November 2017, Girne- TRNC.
- D8. Ali Baran Budak, Tonguç Saba, Kürşat Erdem, Cevahir Haberal. Successful Endovascular Treatment of Aortoiliac Occlusive Disease Complicated with Distal Embolization and Intestinal Perforation with Kissing Stent. 20th National Vascular and Endovascular Surgery Congress and 11th National Phlebology Congress. 28-31 October 2021, Antalya-Turkey.

4- Citations

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A4. Budak Ali Baran, McCusker Kevin, Good Morning Serdar (2017). A Cardiopulmonary Bypass Based Blood Management Strategy in Adult Cardiac Surgery. The Heart Surgery Forum, 20(5), 195, Doi: 10.1532/hcf.1792. NUMBER OF CITATION: 2

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A6. Lafci G, Budak AB, Yener AU, Cicek OF. Use of extracorporeal membrane oxygenation in adults. HeartLung Circ. 2014 Jan;23(1):10-23. NUMBER OF CITATION: 63.

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- A11. Seren M, Budak B, Turan N, Parlar AI, Akar F, Ulus AT. Collaborative therapy with nebivolol and L-NAME for spinal cord ischemia/reperfusion injury. *Ann Vasc Surg.* 2008 May-Jun;22(3):425-31. PubMed PMID: 18466820. CITATION NUMBER: 8.
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- A13. Turan NN, Akar F, Budak B, Seren M, Parlar AI, Driver S, Ulus AT. How DMSO, a widely used solvent, affects spinal cord injury. *Ann Vasc Surg.* 2008 Jan;22(1):98-105. Epub 2007 Dec 20. PubMed PMID: 18086517. CITATION NUMBER:11.
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- A15. Tobacco U, Cicekçioglu F, Budak B, Temürtürkan M, Parlar AI, Seren M, Ulus AT, Katircioğlu SF. Coronary atherosclerosis distribution and the effect of blood glucose level on operative mortality/morbidity in diabetic patients undergoing coronary artery bypass grafting surgery: a single center experience. *Anadolu Kardiyol Journal.* 2007 Jun;7(2):158-63. PubMed PMID: 17513212. CITATION NUMBER: 6
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5- Awards and Certificates of Appreciation

Ali Baran Budak. Scientific Research Honorary Award in Experimental Research, Ankara Turkey Yüksek İhtisas Training and Research Hospital, 2010.

Ali Baran Budak. Derecik Barracks Mobile Field Hospital Service Appreciation Certificate within the Scope of Operation Claw by the Ministry of National Defense Medical Regiment Command- 20.07.2019- Number: 35760403-752.01.03-265799.

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- A16. Refiker M, Budak B, Demirkan B, Yilmaz MB. Carney's syndrome: cardiac myxoma and Cushing's syndrome - a case report. *Clin Res Cardiol.* 2007 May;96(5):285-7. Epub 2007 Feb 26. PubMed PMID: 17323008. CITATION NUMBER:1
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- A19. Aksöyek A, Tobacco U, Ulus T, Ihsan Parlar A, Budak B, Temurturkan M, Katircioglu SF, Cobanoglu A. Surgical drainage of late cardiac tamponade following open heart surgery. *Thorac Cardiovasc Surg.* 2005 Oct;53(5):285-90. PubMed PMID: 16208614. CITATION NUMBER: 15
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6- Refereeing in National/International Publications

- A1. Journal of Cardiac Surgery. Manuscript ID: JOCS-2019-CASR-774: "Pseudoaneurysm Formation After Repair of Type A Aortic Dissection with Djumbodis System". 5.11.2019.
- A2. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-664: "Laparoscopic Aortobifemoral bypass: An underappreciated treatment option for aortoiliac disease". 3.2.2020.
- A3. Journal of Cardiac Surgery. Manuscript ID: JOCS-2020-CASR-093: "Calcified amorphous tumor presenting rapid growth in the ascending aorta.". 7.4.2020
- A4. Journal of Cardiac Surgery. Manuscript ID: JOCS-2020-RA-447. "Cardiac interventions during pregnancy: How far we can go?". 26.4.2020.
- A5. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-781: " Isolated External Iliac Vein Injury due to Blunt Trauma By A Bicycle Handlebar Without a Pelvic Skeletal Fracture". 19.5.2020.
- A6. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-809: "The Effect of Mean Platelet Volume and Lymphocyte Relationship in Symptom Development in Patients with Carotid Artery Stenosis". 09.06.2020.
- A7. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-808: "Our Clinical Experiences in Vascular Injuries Due to Intravenous Drug Abuse". 09.06.2020.
- A8. Journal of Cardiac Surgery. Manuscript ID: JOCS-2020-CASR-1477: "Minimal invasive approach for the management of right atrial angiosarcoma; A case report". 25.09.2020
- A9. Journal of Cardiac Surgery. Manuscript ID: JOCS-2020-RA-447.R1. "Pregnancy and Cardiac Interventions: what are the optimal management options?". 5.5.2020.
- A10. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-919: "Aneurysm in Inferior Vena Cava". 28.12.2020.
- A11. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-924: "Can ankle-brachial index be used as a predictor for carotid artery shunt application during carotid endarterectomy?". 06.01.2021.
- A12. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-903.REV-2: "A Rare Presentation Of A Saccular Aneurysm Of The Popliteal Vein.". 09.01.2021.
- A13. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-919.REV-1: "Extremely Rare Aneurysm: Inferior Vena Cava Aneurysm". 13.01.2021.
- A14. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-945: "Fatal Vascular Complication and autotransfusionsystem use after lumbar disc surgery: A rare case". 27.01.2021
- A15. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-908:"Endovascular Abdominal Aortic Repair and Concomitant Intraprocedural Endovascular Interventions: A Single Center Experience."01.02.2021.
- A16. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-959: "Endovascular treatment of superficial femoral artery stenosis due to a perivascular soft tissue calcification." 01.02.2021.
- A17. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-924.REV-1: "Can ankle-brachial index be used as a predictor for carotid arteryshunt application during carotid endarterectomy?". 14.02.2021.
- A18. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-908.REV-1:"Endovascular Abdominal Aortic Repair and Concomitant Intraprocedural Endovascular Interventions: A Single Center Experience". 02.03.2021
- A19. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-CASR-423. "Clinical course of thoracic mycotic aneurysm in a patient who was rescued by thoracic endovascular aortic repair with video-assisted thoracic surgery after rupture.". 29.03.2021.
- A20. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1037. "Long-term Results of Left Subclavian Artery Coverage During Thoracic Endovascular Aortic Repair: a single center". 07.04.2021
- A21. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1037.REV1. "Mid-term Results of Left Subclavian Artery Coverage During Thoracic Endovascular Aortic Repair: a single center". 22.04.2021
- A22. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1067.REV-1. "Endovascular treatment versus femoropopliteal bypass surgery for TASC II lesions of the SFA". 25.05.2021.
- A23. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-OA-766. "Measuring Potassium Level in Packed Red Blood Cells Before Using: Word of Caution For Congenital Cardiac Surgery". 02.06.2021.
- A24. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1067.REV-2. "Endovascular treatment versus femoropopliteal bypass surgery for TASC II lesions of the SFA". 10.06.2021.

- A25. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1119.REV-1. "AHO index: A new parameter for the determination of normal right ventricular function in patients with acute pulmonary embolism". 18.07.2021
- A26. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1143. "The relationship between Platelet-to-Lymphocyte Ratio and Neutrophil Lymphocyte Ratio and Prognosis in Carotid Artery Endarterectomy". 03.08.2021
- A27. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-OA-766.R1. "Measuring Potassium Level in Packed Red Blood Cells Before Using: Word of Caution For Congenital Cardiac Surgery". 21.09..2021.
- A28. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1161. "Revascularization in diabetic foot ulcer and outcome: A single center experience in Bangladesh". 27.09.2021.
- A29. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-OA-1171. "Using autologous pericardium as a carotid artery patch in patients undergoing simultaneous carotid and coronary operations: a comparative retrospective study". 27.09.2021
- A30. Turkish Journal of Vascular Surgery. Manuscript ID: TJVS-1160. "Predictive Parameters Of The Initial Function And Maturation Of Arteriovenous Fistula For Hemodialysis In Relation To The Timing Of Creation". 25.09.2021.
- A31. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-OA-1244. "Exploration on the target value of preoperative hemoglobin correction in anemia patients with CABG". 02.10.2021.
- A32. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-ORIG-1622. "The fate of patent stents in patients undergoing coronary artery bypass grafting". 21.11.2021.
- A33. Journal of Cardiac Surgery. Manuscript ID: JOCS-2021-ORIG-1849. " PERIPHERAL MUSCULAR STRENGTH AND FUNCTIONALITY AS PREDICTORS OF SUCCESS FOR EXTUBATION IN PATIENTS SUBMITTED TO CORONARY ARTERY BYPASS GRAFTING". 18.12.2021.

7- Scientific Meeting-Congress: Invited Speech- Surgery-Presidency

A. National

- A1. Ali Baran Budak. Aortic Root Expansion Techniques. 8. School of Cardiovascular Surgery. 20-22 April 2018, Eskişehir-Turkey. E11
- A2. Ali Baran Budak. The best treatment option in deep vein thrombosis is interventional methods. National Society of Vascular and Endovascular Surgery, Vein Days, Gray Areas in Vascular Surgery. 12 January 2019 Ankara-Turkey. E18
- A3. Ali Baran Budak. Pharmacomechanical Hybrid Therapy. National Society of Vascular and Endovascular Surgery, New Indications and Current Treatment Options in Deep Vein Thrombosis. 8-December 2017; Bezmialem Vakif University Dragos Hospital, Istanbul-Turkey. E4
- A4. Ali Baran Budak. Pharmacomechanical Hybrid Therapy. National Society of Vascular and Endovascular Surgery, New Indications and Current Treatment Options in Deep Vein Thrombosis. 24-November-2017; Ankara Turkey.
- A5. Ali Baran Budak. Atherectomy; Which Patient? With What Indication?. National Society of Vascular and Endovascular Surgery, Gray Areas in Vascular Surgery Meeting. January 4, 2020 Ankara-Turkey. E12
- A6. Ali Baran Budak. Deep Vein Thrombosis Treatment with National Production System- Results of Series of 380 Diseases. 19. National Vascular and Endovascular Surgery Congress and 10. National Phlebology Congress. 26.10.2019-29.10.2019; TRNC. E25
- A7. Ali Baran Budak. Drug eluting balloons, indications for use. What do we have?. National Vascular and Endovascular Surgery Association Artery Days Ankara Meeting. 07.04.2018; Ankara Turkey. E15
- A8. Ali Baran Budak. Endovascular treatment should be the first choice in Critical Leg Ischemia. Gray Areas Meeting at National Vascular and Endovascular Surgery Association Vascular Surgery. 18.05.2019; Ankara Turkey. E3
- A9. Ali Baran Budak. Interventional Treatment Method in Saphenofemoral Insufficiency. Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya
- A10. Ali Baran Budak. Biocompatibility in ECMO; Hematologic Effects in ECMO. Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya. E9
- A11. Ali Baran Budak, Naim Boran Tümer, Orhan Eren Günertem. DVT-Hybrid Therapy: Live Broadcast from the Angiography Unit. National Vascular Surgery Association Current Options for Thromboembolism Treatment and Prophylaxis in Advanced Age Cardiovascular Diseases; SBU Ankara Sample EAH-27 March 2018 Ankara-Turkey.
- A12. Ali Baran Budak. Peripheral Arterial Diseases-2 Session (Presidency) - 26.10.2018. Turkish Society of Cardiovascular Surgery 15th Congress with International Participation 26-29 October 2018 Antalya
- A13. Ali Baran Budak. Introduction to Endovascular Therapies. Turkish Society of Cardiovascular Surgery Crossfit Academy Endovascular Interventions Meeting Series (Trainer). Session 1: 16.02.2021.

A14. Ali Baran Budak. Venoactive Drug Use After Sclerotherapy. Turkish Society of Cardiovascular Surgery Weekend Talks. Session on Use of Venoactive Drugs After Venous Interventions.. 07.03.2021.

A15. Ali Baran Budak. Situations where things get shaky in the endovascular treatment of critical leg ischemia. Gray Areas Meeting at National Vascular and Endovascular Surgery Association Vascular Surgery. 10.04.2021.

A16. Ali Baran Budak. Endovascular Options in Peripheral Artery Patients with Total Occlusion, Which Patient, Who and How? Spring Meeting at National Vascular and Endovascular Surgery Association Vascular Surgery – Online. 22.05.2021.

A17. Ali Baran Budak. Endovascular Case Turning into Nightmare – 28.10.2021. 20th National Vascular and Endovascular Surgery Congress and 11th National Phlebology Congress. 28-31 October 2021, Antalya-Turkey.

A18. Ali Baran Budak. The Role of Hybrid Operating Rooms in Vascular Surgery (Presidency) – 29.10.2021. 20th National Vascular and Endovascular Surgery Congress and 11th National Phlebology Congress. 28-31 October 2021, Antalya-Turkey.

A19. Ali Baran Budak. Your Safe Route in VTE Treatment: Edoxaban – 30.10.2021. 20th National Vascular and Endovascular Surgery Congress and 11th National Phlebology Congress. 28-31 October 2021, Antalya-Turkey.

B. International

B1. Ali Baran Budak, Oguz Akkus. Endovascular Solutions For Femoro-Popliteal Occlusions. Live Case 14: SFA Popliteal CTO. . Advanced Stroke and Peripheral Interventions Course (ASPIC 2020); 21-23 February 2020 Perissia Hotel & Convention Center Cappadocia, Nevşehir, TURKEY.

B2. Ali Baran Budak, Göksel Dağaçan. Below The Knee Revascularization. Live Case 15: BTK CTO Crosser. Advanced Stroke and Peripheral Interventions Course (ASPIC 2020); 21-23 February 2020 Perissia Hotel & Convention Center Cappadocia, Nevşehir, TURKEY.

B3. Ali Baran Budak. Hybrid Solution for Deep Vein Thrombus and Pulmonary Embolism. VEITHsymposium Venous Workshop Theater Presentations- 20.11.2019. 46TH VEITH Symposium; 19-23 November 2019. New York Hotel Midtown, New York - USA.

10- Educational Activities

- Claudicatio Intermittans / Başkent University Term 3 Medicine in English (Undergraduate)
- Cladikasyo Intermittans / Baskent University Term 3 Medicine in Turkish (Undergraduate)
- Information Sharing Between Clinics: Treatment Options for Complications After Vascular Surgery / Ph.D.
- Information Sharing Between Clinics: What do I do in superficial varicose veins?-Sclerotherapy, Laser, Radiofrequency Applications/ Ph.D.
- Approach to Occlusive Peripheral Artery Diseases-Interventional and Surgical Treatment Options / Ph.D.
- Vascular System Clinical Conditions Requiring Emergency Intervention / Ph.D.
- Vascular Anastomosis Techniques / Ph.D.
- Information Sharing Between Clinics: Chronic Wound Treatments (Arterial and Venous System Originated) / Ph.D.
- Peripheral Vascular Examination and Diagnostic Methods / Ph.D.
- Conventional and Endovenous Interventions in Venous System Diseases / Ph.D.
- Urgent Vascular Injuries: Diagnosis, Management and Treatment / Ph.D.
- Deep Vein Thrombosis: What will we do proximal? What are we going to do distally? / Doctorate
- Venous Insufficiency from the Surgeon's Eye / Ph.D.
- Lower Extremity Venous System-What does the surgeon want? / Doctorate
- Approach to lymphedema, diagnosis and available medical and surgical treatment options / Ph.D.
- Open heart surgery and care (such as coronary artery bypass, valve surgeries, aneurysm repairs) / License
- Extracorporeal Membrane Oxygenation (ECMO) / License
- Follow-up of the patient with an intraaortic balloon pump / License
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