

Assoc. Prof. ÖZLEM SERPİL ÇAKMAKKAYA

Personal Information

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Education Information

Doctorate, Ege University, Faculty Of Medicine, Temel Tıp Bilimleri Bölümü, Turkey 2010 - 2018

Expertise In Medicine, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Surgical Medical Sciences, Turkey 1996 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Tıp fakültesi öğrencilerine verilen "kanıta dayalı tıp" eğitiminin fresno testi ile değerlendirilmesi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Basic Medical Sciences, 2018

Expertise In Medicine, Laparoskopik girişimlerde pnömoperitonyum sırasındaki pozisyon değişikliklerinin solunum mekaniği ve hemodinami üzerine etkisi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Surgical Medical Sciences, 2001

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medicine Education, Surgery Medicine Sciences, Anesthesiology

Academic Titles / Tasks

Associate Professor, İstanbul University, Cerrahpaşa Tıp Fakültesi, Temel Bilimler, 2013 - Continues

Expert, İstanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2001 - 2014

Research Assistant PhD, University of California, San Francisco, University Of California, San Francisco, The Department Of Anesthesia And Perioperative Care , 2007 - 2009

Research Assistant PhD, University of Cambridge, Addenbrooke's Hospital, Department Of Anaesthesia , 2004 - 2004

Academic and Administrative Experience

Fakülte Kurulu Üyesi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Basic Medical Sciences, 2021 - Continues

Deputy Head of Department, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Basic

Medical Sciences, 2019 - Continues

Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Basic Medical Sciences, 2018 - Continues

Eğitim ve Müfredat Kurulu üyesi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Basic Medical Sciences, 2011 - Continues

Courses

Kanıt Dayalı Tıp, Undergraduate, 2021 - 2022

Kanıt Dayalı Tıp Okulu, Undergraduate, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Saline Administration and Delayed Graft Function in Patients Undergoing Kidney Transplantation: A Retrospective Cohort Study**
Kolodzie K., Cakmakkaya Ö. S. , Boparai E. S. , Tavakol M., Feiner J. R. , Kim M., Newman T. B. , Niemann C. U.
ANESTHESIOLOGY, vol.135, no.4, pp.621-632, 2021 (Journal Indexed in SCI)
- II. **Formal evidence-based medicine instruction in Turkish undergraduate medical education: an initial evaluation.**
Çakmakkaya Ö. S.
BMC medical education, vol.21, pp.437, 2021 (Journal Indexed in SCI)
- III. **Cross-cultural adaptation of the Fresno Test for Turkish language.**
Cakmakkaya Ö. S. , Bati A. H. , Kolodzie K.
PloS one, vol.16, 2021 (Journal Indexed in SCI)
- IV. **THE EFFECT OF PERIOPERATIVE USE OF NORMAL SALINE SOLUTION AS COMPARED TO BALANCED CRYSTALLOIDS ON GRAFT FUNCTION IN PATIENTS UNDERGOING LIVING DONOR KIDNEY TRANSPLANTATION**
Kolodzie K., Boparai E. S. , Cakmakkaya Ö. S. , Tavakol M., Feiner J., Niemann C. U.
ANESTHESIA AND ANALGESIA, vol.128, pp.840, 2019 (Journal Indexed in SCI)
- V. **Anaesthetic techniques for risk of malignant tumour recurrence**
Cakmakkaya O. S. , KOLODZIE K., APFEL C. C. , PACE N. L.
COCHRANE DATABASE OF SYSTEMATIC REVIEWS, no.11, 2014 (Journal Indexed in SCI)
- VI. **Evidence-based analysis of risk factors for postoperative nausea and vomiting**
APFEL C. C. , HEIDRICH F. M. , JUKAR-RAO S., JALOTA L., HORNUSS C., WHELAN R. P. , ZHANG K., Cakmakkaya O. S.
BRITISH JOURNAL OF ANAESTHESIA, vol.109, no.5, pp.742-753, 2012 (Journal Indexed in SCI)
- VII. **Who Is at Risk for Postdischarge Nausea and Vomiting after Ambulatory Surgery?**
APFEL C. C. , PHILIP B. K. , Cakmakkaya O. S. , SHILLING A., SHI Y., LESLIE J. B. , ALLARD M., TURAN A., WINDLE P., ODOM-FORREN J., et al.
ANESTHESIOLOGY, vol.117, no.3, pp.475-486, 2012 (Journal Indexed in SCI)
- VIII. **Transdermal Scopolamine for the Prevention of Postoperative Nausea and Vomiting: A Systematic Review and Meta-Analysis**
APFEL C. C. , ZHANG K., GEORGE E., SHI S., JALOTA L., HORNUSS C., FERRO K. E. , HEIDRICH F., Pergolizzi J. V. , Cakmakkaya O. S. , et al.
CLINICAL THERAPEUTICS, vol.32, no.12, pp.1987-2002, 2010 (Journal Indexed in SCI)
- IX. **Prevention of postdural puncture headache after accidental dural puncture: a quantitative systematic review**
APFEL C. C. , SAXENA A., Cakmakkaya O. S. , Gaiser R., GEORGE E., RADKE O.
BRITISH JOURNAL OF ANAESTHESIA, vol.105, no.3, pp.255-263, 2010 (Journal Indexed in SCI)
- X. **Restoration of disk height through non- surgical spinal decompression is associated with decreased**

discogenic low back pain: a retrospective cohort study

APFEL C. C. , Cakmakkaya O. S. , MARTIN W., RICHMOND C., Macario A., GEORGE E., SCHAEFER M., Pergolizzi J. V.
BMC MUSCULOSKELETAL DISORDERS, vol.11, 2010 (Journal Indexed in SCI)

- XI. **Efficacy of intravenous paracetamol, metamizol and lornoxicam on postoperative pain and morphine consumption after lumbar disc surgery**
Dilmen O. K. , Tunali Y., Cakmakkaya O. S. , Yentur E., Tutuncu A. Ç. , Tureci E., Bahar M.
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.27, no.5, pp.428-432, 2010 (Journal Indexed in SCI)
- XII. **Effect of increased body mass index and anaesthetic duration on recovery of protective airway reflexes after sevoflurane vs desflurane dagger**
MCKAY R. E. , MALHOTRA A., Cakmakkaya O. S. , HALL K. T. , MCKAY W. R. , APFEL C. C.
BRITISH JOURNAL OF ANAESTHESIA, vol.104, no.2, pp.175-182, 2010 (Journal Indexed in SCI)
- XIII. **Restoration of pulmonary compliance after laparoscopic surgery using a simple alveolar recruitment maneuver**
Cakmakkaya O. S. , Kaya G., Altintas F., Hayirlioglu M., Ekici B.
JOURNAL OF CLINICAL ANESTHESIA, vol.21, no.6, pp.422-426, 2009 (Journal Indexed in SCI)
- XIV. **Droperidol has comparable clinical efficacy against both nausea and vomiting.**
Apfel C. C. , Cakmakkaya Ö. S. , Frings G., Kranke P., Malhotra A., Stader A., Turan A., Biedler A., Kolodzie K.
British journal of anaesthesia, vol.103, no.3, pp.359-63, 2009 (Journal Indexed in SCI Expanded)
- XV. **The effect of postoperative fasting on vomiting in children and their assessment of pain**
RADKE O. C. , BIEDLER A., KOLODZIE K., Cakmakkaya O. S. , SILOMON M., APFEL C. C.
PEDIATRIC ANESTHESIA, vol.19, no.5, pp.494-499, 2009 (Journal Indexed in SCI)
- XVI. **Ondansetron has similar clinical efficacy against both nausea and vomiting.**
Jokela R. M. , Cakmakkaya Ö. S. , Danzeisen O., Korttila K. T. , Kranke P., Malhotra A., Paura A., Radke O. C. , Sessler D. I. , Soikkeli A., et al.
Anaesthesia, vol.64, no.2, pp.147-51, 2009 (Journal Indexed in SCI Expanded)
- XVII. **A simple clinical maneuver to reduce laparoscopy-induced shoulder pain: A randomized controlled trial - Reply**
APFEL C. C. , PHELPS P., Cakmakkaya O. S. , RADKE O. C.
OBSTETRICS AND GYNECOLOGY, vol.112, no.2, pp.380, 2008 (Journal Indexed in SCI)
- XVIII. **Anesthesia in children with epidermolysis bullosa**
Cakmakkaya O. S. , Altintas F., Kaya G., BAĞHAKI S.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.122, no.1, 2008 (Journal Indexed in SCI)
- XIX. **The effects of pneumothorax on the respiratory mechanics during laparoscopic surgery**
Salihoglu Z., Demiroglu S., Demirkiran O., Cakmakkaya S., Aydogan F., Carkman S., Köse Y.
JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES, vol.18, no.3, pp.423-427, 2008 (Journal Indexed in SCI)
- XX. **A simple clinical maneuver to reduce laparoscopy-induced shoulder pain - A randomized controlled trial**
PHELPS P., Cakmakkaya O. S. , APFEL C. C. , RADKE O. C.
OBSTETRICS AND GYNECOLOGY, vol.111, no.5, pp.1155-1160, 2008 (Journal Indexed in SCI)
- XXI. **Anesthetic management in a child with deletion 9p syndrome**
Cakmakkaya O. S. , BAKAN M., Altintas F., Kaya G.
PEDIATRIC ANESTHESIA, vol.17, no.1, pp.88-89, 2007 (Journal Indexed in SCI)
- XXII. **Inadvertent bolus administration of high-dose remifentanyl during anesthesia in a 6-year-old girl**
BAKAN M., Cakmakkaya S., ONSEL I., Kaya G.
PEDIATRIC ANESTHESIA, vol.16, no.11, pp.1202, 2006 (Journal Indexed in SCI)
- XXIII. **Anesthesia management with short acting agents for bilateral pheochromocytoma removal in a 12-year-old boy**
BAKAN M., Kaya G., Cakmakkaya S., TUFANOĞULLARI B.
PEDIATRIC ANESTHESIA, vol.16, no.11, pp.1184-1188, 2006 (Journal Indexed in SCI)
- XXIV. **Anesthetic management of a child with Arnold-Chiari malformation and Klippel-Feil syndrome**

CAKMAKKAYA O., KAYA G., Altintas F., BAKAN M., YILDIRIM A.
PEDIATRIC ANESTHESIA, vol.16, no.3, pp.355-356, 2006 (Journal Indexed in SCI)

- XXV. **General anesthesia for a child with Goldenhar syndrome**
Altintas F., CAKMAKKAYA O.
PEDIATRIC ANESTHESIA, vol.15, no.6, pp.529-530, 2005 (Journal Indexed in SCI)
- XXVI. **Anesthetic management of a child with Rubinstein-Taybi syndrome**
Altintas F., CAKMAKKAYA S.
PEDIATRIC ANESTHESIA, vol.14, no.7, pp.610-611, 2004 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Evidence Based Medicine: A Review of Basic Concepts, Learning Theories, Teaching Approaches and Assessment Methods**
Çakmakkaya Ö. S.
Tıp Eğitimi Dünyası, vol.20, no.60, pp.122-136, 2021 (Other Refereed National Journals)
- II. **The Evaluation of Compliance of the Cerrahpaşa School of Medicine Education Program with the National Core Education Program**
Çakmakkaya Ö. S.
Cerrahpaşa Medical Journal, vol.44, no.1, pp.41-50, 2020 (National Refreed University Journal)
- III. **The Effect of "Communication Skills Course" Given to Faculty of Medicine on Face Recognition Test**
Yıldırım F. G. , Üzel M., Adıgüzel Şahin Z., Demirci M. S. , Gültekin G., Çakmakkaya Ö. S.
Yükseköğretim ve Bilim Dergisi, vol.9, no.3, pp.488-491, 2019 (National Refreed University Journal)
- IV. **Assessment of clinical competence in medical education**
Çakmakkaya Ö. S.
YUKSEKOGRETİM DERGISI, vol.7, no.1, pp.39-45, 2017 (Journal Indexed in ESCI)
- V. **Bilgiyi Paylaşmak: Biyomedikal Alanda Bilimsel Makale Yazım Kuralları ile İlgili Derleme**
ÇAKMAKKAYA Ö. S.
YUKSEKOGRETİM DERGISI, vol.3, no.3, pp.142-150, 2013 (Other Refereed National Journals)
- VI. **Bilimsel Kanıtı Ulaşmak: Biyomedikal Veri Tabanları ile İlgili Derleme**
ÇAKMAKKAYA Ö. S.
YUKSEKOGRETİM DERGISI, vol.2, no.2, pp.104-108, 2012 (Other Refereed National Journals)
- VII. **PubMed: How can it be used more effectively? PubMed: Nasıl daha etkin kullanılabilir?**
ÇAKMAKKAYA Ö. S. , Kaya G., Apfel C. C.
Anestezi Dergisi, vol.17, no.1, pp.17-28, 2009 (Refereed Journals of Other Institutions)
- VIII. **Pubmed: Nasıl daha etkin kullanılabilir?**
ÇAKMAKKAYA Ö. S. , KAYA G., APFEL C. C.
Anestezi Dergisi, vol.1, no.17, pp.17-28, 2009 (Other Refereed National Journals)
- IX. **Laparoskopik nissen fundoplikasyonunda pnömoperitonyum ve pozisyon değişikliklerinin solunum mekaniğine etkileri**
Salihoğlu Z., Altintas F., Demıroluk S., Çakmakkaya Ö. S. , Sutaş Bozkurt A. P. , Kaya G.
Anestezi Dergisi, vol.12, no.4, pp.284-287, 2004 (Other Refereed National Journals)
- X. **Perkütan nefrolitotomi ameliyat sırasında görülen hidrotoraks (Olgu sunumu)**
Çakmakkaya Ö. S. , Salihoğlu Z., Demıroluk S., Kose Y.
Anestezi Dergisi, vol.11, no.2, pp.155-157, 2003 (Other Refereed National Journals)
- XI. **İntraperitoneal ve ekstraperitoneal karbondioksit insuflasyonunun kan gazları üzerine etkilerinin karşılaştırılması**
BAKAN M., ÇAKMAKKAYA Ö. S. , DEMİROLUK S., SALİHOĞLU Z., DEMİROK M., SUTAŞ BOZKURT A. P. , KOSE Y.
Türk Anesteziyoloji ve Reanimasyon Derneği Dergisi, vol.31, no.3, pp.121-125, 2003 (Other Refereed National Journals)
- XII. **Influence of the patient positioning on respiratory mechanics during pneumoperitoneum.**

Books & Book Chapters

- I. **Chapter 19. Evidence-Based Medicine (Part 2) Assessing Evidence-Based Medicine in Clinical Settings**
Çakmakkaya Ö. S.
in: Clinical Training in Undergraduate Medical Education, Sabri Kemahli, Editor, NOVA Science Publishers Inc. , New York, pp.370-377, 2020
- II. **Bilimsel Veri Tabanları ve Literatür Tarama**
Çakmakkaya Ö. S.
in: TIPTA UZMANLIK ÖĞRENCİSİ UYUM EĞİTİMİ KİTABI , Recep ÖZTÜRK,Hakkı Oktay SEYMEN,Kerim SÖNMEZOĞLU, Editor, Dilek Matbaacılık, İstanbul, pp.35-40, 2016
- III. **Fizyoloji ve Klinikte İzlenmesi**
GÜNGÖR G., ÇAKMAKKAYA Ö. S. , SUTAŞ BOZKURT A. P.
in: Sağlık Okulları ve Anestezi Teknikerleri için Temel Kitap, Bozkurt-Şutaş A.P., Salihoğlu Z., Editor, Nobel Tıp Kitapevi Yayınları, İstanbul, pp.189-209, 2015
- IV. **Sağlık Personeli için İletişim Becerileri**
ÇAKMAKKAYA Ö. S.
in: Sağlık Okulları ve Anestezi Teknikerleri için Temel Kitap, Bozkurt-Şutaş A.P., Salihoğlu Z., Editor, Nobel Tıp Kitapevi Yayınları, İstanbul, pp.1-3, 2015
- V. **Anesthesia in Children with Intellectual Disability**
ALTINTAS F., ÇAKMAKKAYA Ö. S.
in: Cancer in Children and Adults with Intellectual Disabilities: Current Research Aspects, Satge D., Merrick J, Editor, Nova Science Publishers, New York, pp.59-70, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Tıp Fakültesi Öğrencilerine Verilen “Kanıt Dayalı Tıp” Eğitiminin Fresno Testi ile Değerlendirilmesi**
Çakmakkaya Ö. S. , Batı A. H. , Kolodzie K.
Ulusal Tıp Eğitimi Sempozyumu, Eskişehir, Turkey, 10 - 12 April 2019, pp.62-63
- II. **New Beginnings: A Resident Orientation Program**
Çakmakkaya Ö. S. , Altıparmak M. R. , Seymen H. O. , Karpuz M. H. , Teksöz S. , Sönmezoğlu K.
AMEE 2018, Basel, Switzerland, 25 - 29 August 2018, pp.123
- III. **A Basic Clinical Skills Course for Preclinical Medical Students**
ÇAKMAKKAYA Ö. S. , SONSUZ A., DEMİRCİ M. S. , KAFADAR A. M. , SÜZER Ö., UMUT S.
AMEE 2015, Glasgow, United Kingdom, 5 - 09 September 2015, pp.880
- IV. **Regional Anaesthetic Techniques for the Risk of Malignant Tumour Recurrence: Preliminary Findings of a Cochrane Systematic Review and Meta-Analysis**
KOLODZIE K., ÇAKMAKKAYA Ö. S. , APFEL C. C. , PACE N. L.
ESRA 2014, Seville, Spain, 3 - 06 September 2014, vol.39, no.5

Other Publications

- I. **Anaesthesia recommendations for patients suffering from Deletion 9p Syndrome**
Çakmakkaya Ö. S. , Kolodzie K.
Technical Report, pp.1-10, 2017

II. Goldenhar syndrome

ÇAKMAKKAYA Ö. S. , KOLODZIE K.

Other, pp.1-10, 2014

Supported Projects

ÇAKMAKKAYA Ö. S. , KOLODZIE K., APFEL C., PACE N. L. , Project Supported by Higher Education Institutions, Anaesthetic Techniques for Risk of Malignant Tumour Recurrence, 2015 - 2017

ÇAKMAKKAYA Ö. S. , Project Supported by Higher Education Institutions, A Basic Clinical Skills Course for Preclinical Medical Students, 2015 - 2015

ÇAKMAKKAYA Ö. S. , Project Supported by Higher Education Institutions, REGIONAL ANAESTHETIC TECHNIQUES FOR THE RISK OF MALIGNANT TUMOUR RECURRENCE: PRELIMINARY FINDINGS OF A COCHRANE SYSTEMATIC REVIEW AND META-ANALYSIS, 2014 - 2014

Activities in Scientific Journals

Experimental And Therapeutic Medicine, Committee Member, 2022 - Continues

Scientific Refereeing

EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, March 2022

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2022

SAGE Open Medicine, Journal Indexed in ESCI, May 2021

Oncology Reports, SCI Journal, February 2021

Türkiye Klinikleri Anesteziyoloji Reanimasyon Dergisi, Other Journals, June 2020

CERRAHPAŞA TIP DERGİSİ, National Scientific Refreed Journal, June 2020

Project Supported by Higher Education Institutions, BAP Guided, İstanbul University-Cerrahpaşa, Turkey, May 2020

EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, April 2020

MEDICAL EDUCATION, SCI Journal, March 2020

TUBITAK Project, 2237 - Program for Supporting Project Training Activities, İstanbul University-Cerrahpaşa, Turkey, June 2018

TUBITAK Project, 2223 - Domestic Scientific Activities Support Program, İstanbul University-Cerrahpaşa, Turkey, May 2018

TURKISH JOURNAL OF MEDICAL SCIENCES, National Scientific Refreed Journal, February 2017

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, May 2015

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, November 2014

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, August 2013

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, September 2012

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, October 2011

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, June 2011

Journal of Pediatric Intensive Care, National Scientific Refreed Journal, March 2011

The Journal of Clinical Anesthesia, SCI Journal, February 2011

CROATIAN MEDICAL JOURNAL, Journal Indexed in SCI-E, February 2011

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, November 2010

Turkish Journal of Medical Sciences, National Scientific Refreed Journal, August 2010

The Journal of Clinical Anesthesia, SCI Journal, August 2009

Edit Congress and Symposium Activities

Euroanesthesia 2021 (Avrupa Anestezi Kongresi), Invited Speaker, Munich, Germany, 2021

National Medical Education Symposium 2019, Invited Speaker, Eskişehir, Turkey, 2019

Türk Anesteziyoloji ve Reanimasyon Derneği 52. Kongresi, Invited Speaker, Antalya, Turkey, 2018

Türkiye Solunum Araştırmaları Derneği 33. Ulusal Kongresi SOLUNUM 2011, Invited Speaker, İstanbul, Turkey, 2011

Citations

Total Citations (WOS):1013

h-index (WOS):13

Awards

Çakmakaya Ö. S. , EVALUATION OF AN "EVIDENCE-BASED MEDICINE" TRAINING GIVEN TO MEDICAL STUDENTS UTILIZING THE FRESNO TEST, Tıp Eğitimi Geliştirme Derneği (Teged), April 2019