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Personal Information

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Education Information

Doctorate, Bogazici University, Institute Of Biomedical Engineering, Biyomedikal Mühendisliği (Dr), Turkey 1996 - 2008

Expertise In Medicine, T.C. Sağlık Bakanlığı Taksim Eğitim Ve Araştırma Hastanesi, Turkey 1994 - 1998

Postgraduate, Bogazici University, Institute Of Biomedical Engineering, Biyomedikal Mühendisliği (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Karadeniz Technical University, Tıp Fakültesi, Turkey 1984 - 1990

Foreign Languages

German, C2 Mastery

English, C1 Advanced

Latin, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Crew Resource Management Course, Türk Hava Yolları Kriz kaynak Yönetimi Kursu, Türk Hava Yolları, 2017

Education Management and Planning, Hayvan deneyi yapabilme yetkisi alınan Deney Hayvanları Kullanım Kursu, T.C. Bezmi Alem Vakıf Üniversitesi, 2013

Education Management and Planning, University of Bristol - Train the Trainer Certificate,, University of Bristol, 2011

Education Management and Planning, Human Patient Simulator Clinical Training, Medical Simulation Application Course, AQA Training Center, 2007

Dissertations

Doctorate, The effect of dialysis environment and the clinical state of the patients with chronic renal failure on the high flux dialyzers, Bogazici University, Biyomedikal Mühendisliği Enstitüsü, Biyomedikal Mühendisliği (Dr), 2008

Expertise In Medicine, Hemodiyaliz Kalitesini Etkileyen Faktörlerin Taguchi Yöntemiyle Değerlendirilmesi, 1998

Postgraduate, Biocompatibility of dialysis membranes, Bogazici University, Biyomedikal Mühendisliği Enstitüsü, Biyomedikal Mühendisliği (YI) (Tezli), 1996

Research Areas

Biomedical Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Vocational School, Biomedical Equipment Technology, 2014 - Continues

Academic and Administrative Experience

Acibadem Mehmet Ali Aydınlar University, 2017 - 2019

Acibadem Mehmet Ali Aydınlar University, 2014 - 2017

Courses

BCT110 - Tıbbi Görüntüleme Cihazları, Associate Degree, 2023 - 2024

Diyaliz Makineleri Kullanımı ve Bakımı, Associate Degree, 2022 - 2023

Sterilizasyon Sistemleri, Associate Degree, 2023 - 2024

BCT 108-Tedavi Cihazları, Associate Degree, 2023 - 2024

Biyomalzeme, Associate Degree, 2022 - 2023

BCT-202 Sterilizasyon Cihazları, Associate Degree, 2022 - 2023

BCT-110 Tıbbi Görüntüleme Cihazları, Associate Degree, 2022 - 2023

Tedavi Cihazları, Associate Degree, 2020 - 2021

Sterilizasyon Cihazları, Associate Degree, 2020 - 2021

Tıbbi Görüntüleme Cihazları, Associate Degree, 2020 - 2021

MED-608 Simulated Clinical practice, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

BCT-209 Destek Sistem ve Cihazları, Associate Degree, 2018 - 2019

DYZ-142 Diyaliz Makinaları Kullanımı ve Bakımı, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017

EMED-004 Potential Risks of Hospital Environment, Undergraduate, 2018 - 2019, 2017 - 2018

BCT-208 Fizyolojik Sinyal İzleyiciler, Associate Degree, 2017 - 2018

MED-252 Potential Risks of Hospital Environment, Undergraduate, 2016 - 2017

ENT-272 Nörofizyoloji Cihaz ve Ekipman Teknolojisi, Associate Degree, 2015 - 2016, 2014 - 2015

PRF-132 Biyomedikal, Associate Degree, 2014 - 2015

Advising Theses

Ünver V., Aksoy M. E., İleri Yaşam Desteğinde Simülasyonla Genişletilmiş Meslekler Arası Eğitimin Etkinliğinin İncelenmesi, Doctorate, Z.BELHAN(Student), Continues

Öztürk C., Aksoy M. E., Creating an Efficiency Index for Surgical Trainings by Using Optical Brain Imaging and Electrodermal Activity Changes, Doctorate, F.Üçrak(Student), Continues

Öztürk C., Aksoy M. E., Virtual reality-based advanced life support serious game, Postgraduate, A.EKİN(Student), 2024

Eren B., Aksoy M. E., The Sustainability of Medical Simulation Centers in Universities: Stakeholders' Views, Postgraduate, B.Ataş(Student), 2023

Aksoy M. E., Uğur E., EVALUATION OF THE EFFECTIVENESS OF SIMULATION SUPPORTED HYPOGLYCEMIA TRAINING PROVIDED TO FINAL YEAR NURSING STUDENTS USING CRISIS RESOURCE MANAGEMENT, Postgraduate, Z.BELHAN(Student), 2019

Erkmen B., Aksoy M. E., Laparoskopik cerrahi simülasyonlarında öğrenme düzeyinin elektroensefalografi sinyal analizi

ile değerlendirilmesi, Postgraduate, F.ÜCRACK(Student), 2017

Aksoy M. E., Kamaşak M. E., Evaluation and comparison of image quality for indirect flat panels with CsI and GOS scintillators, Postgraduate, E.AKKUR(Student), 2011

Jury Memberships

Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Implementation of a high fidelity simulation based training program for physicians of children requiring long term invasive home ventilation: a study by ISPAT team**
Bas İkizoglu N., Atag E., Ergenekon P., Gokdemir Y., Uyan Z. S., Girit S., Kilinc Sakalli A. A., Erdem Eralp E., Cakir E., Guven F., et al.
FRONTIERS IN PEDIATRICS, vol.12, pp.1-8, 2024 (SCI-Expanded)
- II. **Assessment of learning in simulator-based arthroscopy training with the diagnostic arthroscopy skill score (DASS) and neurophysiological measures.**
Aksoy M. E., kocaoglu B., İzzetoglu K., Agrali A., Yoner S. I., Polat M. D., Kayaalp M. E., Yozgatli T. K., Kaya A., Becker R. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA, vol.31, no.12, pp.5332-5345, 2023 (SCI-Expanded)
- III. **Comparing the Outcomes of Virtual Reality–Based Serious Gaming and Lecture–Based Training for Advanced Life Support Training: Randomized Controlled Trial**
Aksoy M. E., Ozkan A. E., Kitapcioglu D., Usseli T.
JMIR Serious Games, vol.11, pp.1-13, 2023 (SCI-Expanded)
- IV. **Extreme lateral lumbar interbody fusion surgery with a robot-assisted system in a swine model**
Berikol G., Gungor A., Goztepe M. B., Ozoner B., Ayhan S., Akpınar E., Canbolat C., Aksoy M. E., Eksi M. S.
TURKISH NEUROSURGERY, no.22, pp.1-7, 2022 (SCI-Expanded)
- V. **Determination of Face and Content Validity of Cadaveric Model for Holmium Anatomic Endoscopic Enucleation of the Prostate Training: An ESUT AEPP Group Study**
TUNÇ L., Bozzini G., Scoffone C. M., Guven S., Hermann T., Porreca A., Misrai V., Ahyai S., Zor M., AKSOY M. E., et al.
EUROPEAN UROLOGY OPEN SCIENCE, vol.32, pp.28-34, 2021 (SCI-Expanded)
- VI. **Studying Brain Activation during Skill Acquisition via Robot-Assisted Surgery Training**
İzzetoglu K., AKSOY M. E., Agrali A., KİTAPÇIOĞLU D., GÜNGÖR M., Simsek A.
BRAIN SCIENCES, vol.11, no.7, 2021 (SCI-Expanded)
- VII. **The Carotid Endarterectomy Cadaveric Investigation for Cranial Nerve Injuries: Anatomical Study**
Cevik O. M., Usseli M. İ., Babur M., Unal C., Eksi M. Ş., Guduk M., Ovalioglu T. C., Aksoy M. E., Pamir M. N., Bozkurt B.
BRAIN SCIENCES, vol.11, no.2, 2021 (SCI-Expanded)
- VIII. **Comparing Basic Life Support Serious Gaming Scores With Hands-on Training Platform Performance Scores: Pilot Simulation Study for Basic Life Support Training.**
Aksoy M. E.
JMIR serious games, vol.8, 2020 (SCI-Expanded)
- IX. **Team performance training for medical students: Low vs high fidelity simulation**
Nicolaidis M., Theodorou E., Emin E. I., Theodoulou I., Andersen N., Lympelopoulous N., Odejinmi F., KİTAPÇIOĞLU D., AKSOY M. E., Papalois A., et al.
ANNALS OF MEDICINE AND SURGERY, vol.55, pp.308-315, 2020 (SCI-Expanded)
- X. **Performance Monitoring via Functional Near Infrared Spectroscopy for Virtual Reality Based Basic Life Support Training**
Aksoy E., İzzetoglu K., Baysoy E., Agrali A., KİTAPÇIOĞLU D., Onaral B.
FRONTIERS IN NEUROSCIENCE, vol.13, 2019 (SCI-Expanded)

- XI. **A Short-Term In Vivo Evaluation of the Istanbul Heart Left Ventricular Assist Device in a Pig Model.**
Lazoglu I, Kucukaksu D., Ozturk C., Aka I., Bakuy V., Arat N., Yalcin O., Ugurel E., Celikbilek E., Aksoy E., et al.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, 2019 (SCI-Expanded)
- XII. **The effect of web-based learning in pediatric basic life support (P-BLS) training**
AKSOY M. E., GÜVEN F., SAYALI M. E., KİTAPÇIOĞLU D.
COMPUTERS IN HUMAN BEHAVIOR, vol.94, pp.56-61, 2019 (SCI-Expanded)
- XIII. **Comparing the Effects on Learning Outcomes of Tablet-Based and Virtual Reality-Based Serious Gaming Modules for Basic Life Support Training: Randomized Trial**
Aksoy E.
JMIR SERIOUS GAMES, vol.7, no.2, 2019 (SCI-Expanded)
- XIV. **The role of simulation training in anaesthesiology**
Sivrikaya G. U., Aksoy M. E.
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.30, no.1, pp.41-42, 2013 (SCI-Expanded)
- XV. **The effect of hemodialysis environment and reuse solution on the stability of high flux polyamide membranes**
Neslihan S., Emin A. M., Cuma B., Metin U., Hikmet U. A.
CLINICAL NEPHROLOGY, vol.74, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of The Effects of The in Situ Simulation and Simulated Clinical Immersion Methods on Cancer Nursing Students' Extravasation Management: Randomized Controlled Trial**
Kocatepe V., Uslu Y., Ünver V., Kayış A., Karabacak Ü., Aksoy M. E.
Izmir Democracy University Health Sciences Journal, vol.6, no.2, pp.348-359, 2023 (Peer-Reviewed Journal)
- II. **Cognitive Load Quantified via Functional Near Infrared Spectroscopy During Immersive Training with VR Based Basic Life Support Learning Modules in Hostile Environment**
Aksoy M. E., Kitapçioğlu D., Yoner S. I., Usseli T.
vol.1, no.1, pp.359-372, 2023 (Conference Book)
- III. **Teaching and Assessment of Medical Students During Complex Multifactorial Team-Based Tasks: The "Virtual on Call" Case Study**
Emin E. I., Emin E., Bimpis A., Pierides M., Dedeilia A., Javed Z., Rallis K., Saeed F., Theophilou G., Karkanevatos A., et al.
Advances in Medical Education and Practice, vol. Volume 13, pp.457-465, 2022 (ESCI)
- IV. **Evaluation of A Simulation-Based Clinical Preparation Program for Unstable Patient Management**
KİTAPÇIOĞLU D., YAYLACI S., YILDIZ İNANICI S., AKSOY M. E., GÜLPINAR M. A.
JOURNAL OF SYSTEMICS CYBERNETICS AND INFORMATICS, no.2, pp.41-44, 2021 (Peer-Reviewed Journal)
- V. **Evaluation of Simulation Based Education Clinical Preparation Program for Unstable Patient Management**
Kitapçioğlu D., Yaylacı S., Yıldız İnanıcı S., Aksoy M. E., Gülpınar M. A.
SYSTEMICS, CYBERNETICS AND INFORMATICS, vol.19, no.2, pp.41-44, 2021 (Peer-Reviewed Journal)
- VI. **An Ultrasound Guided Percutaneous Breast Biopsy Simulator with Haptic Feedback**
AKSOY M. E.
İstanbul Kanuni Sultan Süleyman Tıp Dergisi, vol.11, pp.207-212, 2019 (Peer-Reviewed Journal)
- VII. **Serious Gaming as an Additional Learning Tool for Medical Education**
AKSOY M. E., Sayali M. E.
International Journal of Educational Technology and Learning, vol.5, pp.52-59, 2019 (Peer-Reviewed Journal)
- VIII. **Paramedik Öğrencilerinin Eğitiminde İleri Düzey Simülasyon Kullanarak Yapılan Medikal Simülasyon Uygulamalarının Etkinliğinin Değerlendirilmesi**
Güven F., KİTAPÇIOĞLU D., YAYLACI S., Hatipoğlu C., AKSOY M. E.

Gaziosmanpaşa Üniversitesi Tıp Fakültesi Dergisi, vol.6, pp.68-75, 2019 (Peer-Reviewed Journal)

- IX. **Mezuniyet Sonrası Tıp Eğitiminde Simülasyona Dayalı Uygulamalar**
KİTAPÇIOĞLU D., AKSOY M. E.
Türkiye Klinikleri, vol.2, pp.65-69, 2017 (Peer-Reviewed Journal)
- X. **Mezuniyet Sonrası Tıp Eğitiminde Simülasyona Dayalı Uygulamalar**
Kitapcioglu D., AKSOY M. E.
Turkiye Klinikleri Medical Education - Special Topics, vol.2, pp.65-69, 2017 (Peer-Reviewed Journal)
- XI. **Integrating medical simulation programs into the Turkish undergraduate medical curriculum**
Kitapcioglu D., Aksoy M. E.
ADVANCES IN MEDICAL EDUCATION AND PRACTICE, vol.7, pp.29-30, 2016 (Peer-Reviewed Journal)
- XII. **Where are we in simulation training? SIMMERK Turkey experiences.**
Erkalp K, Cokay f. y., Kitapcioglu D., Eren G., AKSOY M. E., Yumru C., Sivrikaya G. U., Kocer Gul E., Toprak N., Paksoy I.
Middle East journal of anaesthesiology, vol.22, pp.127-8, 2013 (Peer-Reviewed Journal)
- XIII. **Simulation Education Of Anaesthesiology And Reanimation Residents: Simmerk® Experience Of The Four Years**
Erkalp K, Cokay f. y., Kitapcioglu D., Eren G., AKSOY M. E., Yumru C., Sivrikaya G. U., Kocer Gul E., Toprak N., Paksoy I., et al.
Journal of Cardio-Vascular-Thoracic Anaesthesia and Intensive Care Society, vol.19, pp.23-30, 2013 (Peer-Reviewed Journal)
- XIV. **Does management of cardiac arrest scenarios differ between residents of different disciplines? A comparison with simulation.**
AKSOY M. E., Kitapcioglu D., Eren G., Yumru C.
Middle East journal of anaesthesiology, vol.21, pp.693-8, 2012 (Peer-Reviewed Journal)
- XV. **İntravenöz Diltiazemin Supraventriküler Taşikardilerin ve Atrial Fibrilasyonun Akut Tedavisinde Etkinliği ve Güvenilirliği**
Alicanoğlu R., Buğdaycı A. O., Erdoğan A., Çelebi A., Sayali M. E., AKSOY M. E.
Türkiye Klinikleri Journal of Cardiology, vol.9, pp.105-109, 1996 (Peer-Reviewed Journal)
- XVI. **Erken dumping sendromu ve cerrahi tedavisi**
Yılmaz C., AKSOY M. E., Özbay M., Göktaş İ., Er M.
Taksim Hastanesi Tıp Bülteni, vol.25, pp.30-34, 1995 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sağlıkta Sanal Gerçeklik**
Aksoy M. E.
in: Teletıp & Klinik Yapay Zeka, Nilgün Bozboğa, Cengiz Yakıncı, Editor, İnönü Üniversitesi Yayınları, Ankara, pp.73-78, 2021
- II. **Sağlıkta Sanal Gerçeklik**
AKSOY M. E.
in: Teletıp & Klinik Yapay Zeka, Nilgün Bozboğa, Cengiz Yakıncı, Editor, İnönü Üniversitesi Yayınları, Ankara, pp.64-73, 2021
- III. **Ciddi Oyun Teknolojilerinin Medikal Simülasyon Alanında Kullanılması**
AKSOY M. E.
in: Türkiye Klinikleri Anesteziyoloji Reanimasyon - Özel Konular MEDİKAL SİMÜLASYON, Kerem Erkalp, Editor, Türkiye Klinikleri Yayın Seri No: 820 Yayınevi/Matbaa Sertifika No: 48768, Ankara, pp.21-24, 2021
- IV. **Tıp Eğitiminde Dijitalleşme**
Aksoy M. E.
in: Sağlık Bilişimi, İlker Köse, Editor, İstanbul Medipol Üniversitesi, İstanbul, pp.307-314, 2020
- V. **Tıp Eğitiminde Dijitalleşme**

AKSOY M. E.

in: Sağlık Bilişimi, İlker Köse, Editor, İstanbul Medipol Üniversitesi, İstanbul, pp.307-314, 2020

VI. Medikal Simülasyonun Geleceği

Aksoy M. E.

in: Sağlık Bilimlerinde Simülasyon: Kavramdan Uygulamaya, Prof. Dr. Ükke Karabacak, Doç. Dr. Esra Uğur, Editor, Nobel Yayın Dağıtım, İstanbul, pp.93-100, 2019

VII. Medikal Simülasyon Terminolojisi: Medikal Simülasyonun ABC'xxsi

AKSOY M. E., Kitapçioğlu D., Sayali M. E., GÜVEN F.

Nobel Tıp Kitabevleri, İstanbul, 2017

VIII. Medikal Simülasyon Terminolojisi :Medikal Simülasyonun ABC'xxsiYayın no:5170968

AKSOY M. E., KİTAPÇIOĞLU D., Guven F., Sayali M. E.

Nobel Tıp Kitapevi, İstanbul, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. Elektronik Öğrenme / Simülasyon Modelleri**
AKSOY M. E.
18. Ulusal Cerrahi Kongresi, İzmir, Turkey, 23 May 2012 - 27 May 2102
- II. PRESENT AND FUTURE OF MEDICAL SIMULATION**
Bozkır G., Aksoy M. E., Bektaş G.
5th International ACHARAKA Congress on Medicine, Nursing, and Health Sciences , İzmir, Turkey, 11 - 13 November 2023, pp.4-6
- III. The Comparison of Virtual Reality Based Serious Gaming Versus Lecture Based Adult Basic Life Support Training Method: Randomized Trial**
Usseli T., Kitapçioğlu D., Aksoy M. E.
14th World Congress of Nurse Anesthetists and 15th International Congress of Croatian Nurses Society of Anesthesia, Shibenik, Croatia, 02 May 2022
- IV. Kriz Kaynak Yönetimi Kullanılarak Verilen Simülasyon Destekli Hipoglisemi Eğitiminin Etkinliğinin Değerlendirilmesi**
Belhan Z., Uğur E., Aksoy M. E.
23. Ulusal İç Hastalıkları Kongresi, Girne, Cyprus (Kktc), 6 - 10 October 2021, vol.1, pp.218
- V. "Evaluation of Simulation Based Education Clinical Preparation Program for Unstable Patient Management**
Kitapçioğlu D., Yaylacı S., Yıldız İnanıcı S., Aksoy M. E., Gülpınar M. A.
12th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2021, Florida, United States Of America, 9 - 12 March 2021, vol.2, pp.119-123
- VI. Effect of Robotic Surgery Simulators in Training Assessed by Functional Near-Infrared Spectroscopy (fNIRs)**
AKSOY M. E., İzzetoglu K., Agrali A., KİTAPÇIOĞLU D., GÜNGÖR M., Şimşek A.
22ND INTERNATIONAL CONFERENCE ON HUMAN-COMPUTER INTERACTION, Copenhagen, Denmark, 19 - 24 July 2020, pp.271-278
- VII. Assessing Intravenous Catheterization Simulation Training of Nursing Students Using Functional Near-Infrared Spectroscopy (fNIRs)**
Aksoy M. E., İzzetoglu K., Agrali A., Uğur E., Kocatepe V., Kitapçioğlu D., Baysoy E., Karabacak Ü.
International Conference on Human-Computer Interaction, Washington, United States Of America, 19 - 24 July 2020, pp.3-13
- VIII. Hemşirelikte Beceri Öğretimini Birseyselleştirmede Yeni Bir Değerlendirme Yaklaşımı:Optik Beyin Görüntüleme Kullanımı**
AKSOY M. E., İzzetoglu K., UĞUR E., BAYSOY E., KOCATEPE V., KİTAPÇIOĞLU D., KARABACAK Ü., ağralı a.
5. Ulusal ve 1.Uluslararası Temel Hemşirelik Bakımı Kongresi, Antalya, Turkey, 6 - 08 December 2019, pp.11

- IX. VR/AR in Healthcare Simulation**
AKSOY M. E.
Simulation in Medical Education Conference 2019, İstanbul, Turkey, 13 - 15 November 2019
- X. Sağlık Eğitimde Yüksek Teknolojinin Kullanımı**
AKSOY M. E.
Tıptaki Güncel Teknolojik Gelişmeler, Kocaeli, Turkey, 12 November 2019
- XI. Robotic Surgical Approach to Mesiotemporal Region Anatomical Study**
Akbaş A., GÜNGÖR A., TUĞCU B., EKŞİ M. Ş., GÜDÜK M., AKSOY M. E., PAMİR M. N.
4th Clinical Neuroscience Course, 17 - 19 October 2019
- XII. Travma ve Acil Cerrahi Eğitiminde Simülasyon**
AKSOY M. E.
12. Ulusal Travma ve Acil Cerrahi Kongresi, Antalya, Turkey, 9 - 13 September 2019
- XIII. Simulation based Learning for (SBL) for Pediatrics clerkship students**
Güven F., KİTAPÇIOĞLU D., Sayali M. E., AKSOY M. E.
AMEE 2018 Conference Switzerland, 25 August 2018 - 29 August 2019
- XIV. simulation based learning for pediatrics clerkship students**
Güven F., Kitapçioğlu D., Sayali M. E., Aksoy M. E.
AMEE 2018 CONFERENCE, Basel, Switzerland, 25 - 29 August 2019, pp.3
- XV. Changes in Prefrontal Cortex's EEG Based Functional Connectivity During Laparoscopic Simulation Training**
Keskin S., Aksoy M. E., Uçrak F., Bayram M. S. B., Özcan İ. A.
2019 41st Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Berlin, Germany, 23 - 27 July 2019
- XVI. Simülasyon Eğitiminde Gelecekte Bizleri Neler Bekliyor?**
AKSOY M. E.
1. Ulusal Hemşirelik Öğrencileri Simülasyon Sempozyumu, İstanbul, Turkey, 11 - 12 May 2019
- XVII. MEZİOTEMPORAL BÖLGEYE POSTERİOR SUPRASEREBELLAR TRANSTENTORYAL ROBOTİK CERRAHİ YAKLAŞIM: ANATOMİK ÇALIŞMA**
Akbaş A., Güngör A., Tuğcu B., Ekşi M. Ş., Güdük M., Aksoy M. E.
Türk Nöroşirürji Derneği 33. Bilimsel Kongresi, Antalya, Turkey, 11 - 14 April 2019, pp.252
- XVIII. MEZİOTEMPORAL BÖLGEYE POSTERİOR SUPRASEREBELLAR TRANSTENTORYAL ROBOTİK CERRAHİ YAKLAŞIM ANATOMİK ÇALIŞMA**
GÜNGÖR A., TUĞCU B., Akbaş A., EKŞİ M. Ş., GÜDÜK M., AKSOY M. E., PAMİR M. N.
33. Ulusal Türk Nöroşirürji Kongresi, Antalya, Turkey, 11 - 14 April 2019
- XIX. İstanbul İl Sağlık Müdürlüğü Büntesinde Kuruluan Biyomedikal Mühendislik Şubesinin Sağlıkta Performans ile İlgili Aktiviteleri**
AKSOY M. E.
T.C.Sağlık Bakanlığı Uluslararası Sağlıkta Performans ve Kalite Yönetimi Kongresi, Antalya, Turkey, 19 - 21 March 2009, pp.111-115
- XX. Assessing Correlation Between Virtual Reality Based Serious Gaming Performance and Cognitive Workload Changes via Functional Near Infrared Spectroscopy**
AKSOY M. E., İzzetoglu K., Onaral B., Kitapçioğlu D., Sayali M. E., Güven F.
13th International Conference on Augmented Cognition (AC) Held as Part of the 21st International Conference on Human-Computer Interaction (HCII), Florida, United States Of America, 26 - 31 July 2019, vol.11580, pp.375-383
- XXI. Clinical Simulation, Impact on The Quality of Patient Care**
AKSOY M. E.
Clinical Simulation on Biomedical and Clinical Engineering in The Arab Countries, Kahire, Egypt, 20 - 22 November 2018
- XXII. Clinical Simulation on Biomedical and Clinical Engineering in The Arab Countries**
AKSOY M. E.
The International Conference, Kahire, Egypt, 20 - 22 November 2018

- XXIII. SİMULATİON BASED LEARNING FOR PEDIATRİCS CLERKSHIP STUDENTS**
Güven F., Kitapçiođlu D., Sayalı M. E., Aksoy M. E.
AMEE 2018 CONFERENCE, Basel, Switzerland, 25 - 29 August 2018, pp.3
- XXIV. Simulation Based Learning (SBL) for Pediatrics Clerkship Students: A Preparation Program for Clinical Practice**
Güven F., Kitapçiođlu D., Sayalı M. E., AKSOY M. E.
An International Association for Medical Education (AMEE) 2018 Conference, Basel, Switzerland, 25 - 29 August 2018, pp.613
- XXV. Hasta Güvenliđi ve Simülasyon**
AKSOY M. E.
4. Minimal İnvaziv ve Robotik Kalp Damar Cerrahisi Kongresi MIRC 2018, İstanbul, Turkey, 21 - 23 June 2018
- XXVI. Undergraduate and postgraduate medical simulation courses organized at Acibadem University CASE**
KİTAPÇIOĐLU D., AKSOY M. E., Sayalı M. E., Güven F.
13th International Medical education conference.From Personalised learning to mastery of Competencies:Impact of Technology and simulation on Health professions Kuala Lumpur, 13 - 15 April 2018
- XXVII. Undergraduate and Postgraduate Medical Simulation Courses organized at Acibadem University CASE (Center of Advanced Simulation and Education)**
Kitapçiođlu D., AKSOY M. E., Sayalı M. E., Güven F.
13TH INTERNATIONAL MEDICAL EDUCATION CONFERENCE - From Personalised Learning to Mastery of Competencies: Impact of Technology and Simulation on Health Professionals, Kuala-Lumpur, Malaysia, 13 - 15 April 2018
- XXVIII. Acibadem Mehmet Ali Aydınlar Üniversitesi CASE Kuruluş Öyküsü**
AKSOY M. E., Kitapçiođlu D.
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- XXIX. Medikal Simülasyon Teknolojileri**
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- XXX. Medikal Simülasyon Teknolojileri**
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- XXXI. Tıp Eğitiminde Ciddi Oyunun Eğitim Yöntemi Olarak Didaktik Eğitimle Karşılaştırılması**
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- XXXII. Cerrahide Simülasyon**
AKSOY M. E.
9. Cerrahi Araştırma Kongresi, Kocaeli, Turkey, 11 - 12 November 2017
- XXXIII. Crisis Resource Management Training for Undergraduate Medical Students**
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- XXXIV. CRM(Crisis Resource Management) Training for Undergraduate Medical Students**
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- XXXV. AMEE / ADEE Roundtable Discussion - Accredited Skills Centers for Simulation**
AKSOY M. E.
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- XXXVI. Survey on medical students' opinion about a simulation based program for pediatric emergencies**
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- XL. **How to design a medical simulation center?**
AKSOY M. E.
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- XLI. **A Serious Game Module as a complementary tool for basic life Support courses**
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- XLV. **Mannequin based simulation to evaluate competency in neonatal resuscitation and CRM skills**
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- XLVI. **Simulation Based Learning (SBL) for Pediatrics Clerkship Medical Students: A Preparation Program for Clinical Practice**
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- LI. **Experience in Simulation**
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- LII. **Designing a Medical Simulaton Center for Interdisciplinary Trainings**
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- LIII. **Paramedic Students Approach to Drowning in Simulated Environment with High Fidelity Simulators**
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- LIV. **Simulation based learning in postgraduate nursing advanced life support training programme.Utilizin a flipped classroom method.**
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- LVII. **High Fidelity Simulation Effectiveness in Paramedics Students' Transfer of Learning**
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- LVIII. **Araştırma ve simülasyon laboratuvarlarının günümüzdeki yeri**
AKSOY M. E., ÖZTÜRK C.
Türkiye II.Çocuk Kalp Sağlığı Platformu, İstanbul, Turkey, 14 December 2013
- LIX. **Assessment of anaesthesiology residents'xx experiences in managing acute care encounters**
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- LX. **Assessment of pediatric residents 'xxtechnical and non technical skills on encountered emergencies**
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- LXI. **Assessment of pediatric residents 'technical and non technical skills on encountered emergencies**
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- LXII. **Medical Simulation: From Aviation to Medicine and Beyond**
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- LXIII. **The Role of Virtual Reality Simulators in The Evaluation of Laparoscopic Surgery Skills: Our Initial Experience with Preliminary Results**
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- LXVI. **Anisotropical Behavior and Phases Transformation in Bone**
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- LXVII. **Retrospective Analysis of Our Training Programme at Our Simulation Center (Simmerk)**
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- LXVIII. **Türkiye'xxde Medikal Simülasyon Uygulamaları**
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- LXXVI. **Stability of Polymeric Hollow Fibers Used in Hemodialysis**
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- LXXVII. **The Influences of Reuse Solution and the Hemodialysis Environment on the High Flux Polyamide Hollow Fiber Membranes**
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- LXXXI. **Quality of water used in water treatment systems for hemodialysis**
Atwat K., Aksoy M. E., Ucisik A.
2nd International Biomedical Engineering Days Conference, İstanbul, Turkey, 20 - 22 May 1998, pp.131-133
- LXXXII. **Hemodiyaliz membranlarının biyouyumluluk açısından karşılaştırılması**
AKSOY M. E., Konduk B. A., Sancaklı O., Üçışık A. H., Karakullukçu F.
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Supported Projects

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Aksoy M. E., Özkan M. K., TUBITAK Project, 1190218 - İNSAN FİZYOLOJİSİ MODELLEMELİ KARMA GERÇEKLİK ALGOLOJİ SİMULATÖRÜ1511 Öncelikli Alanlar Araştırma Teknoloji Geliştirme ve Yenilik Projeleri Destekleme Programı, 2020 - 2021

Tözün A. N., Samur E., Aksoy M. E., Kitapçioğlu D., Kocatürk Ö., Öztürk C., TUBITAK Project, Esnek Endoskopi Amaçlı Robotik Sistem (115E717), 2015 - 2020

Aksoy M. E., Özkan M. K., TUBITAK Project, Manken Entegre, Bulut SCORM X-API Öğrenme Yönetim Sistemi Destekli, Temel Yaşam Destek Eğitimi Amaçlı Sanal Gerçeklik Ve Mobil Ciddi Oyun Platformu, 2017 - 2019

Aksoy M. E., Özkan M. K., TUBITAK Project, Ultrason Destekli Biyopsi Eğitim Simülatörü, 2016 - 2017

Aksoy M. E., Özkan M. K., TUBITAK Project, Tıbbi Eğitim için Üç Boyutlu Simülasyon ve SCORM/Tin Can uyumlu Öğrenme Yönetim Sistemi, 2014 - 2015

Memberships / Tasks in Scientific Organizations

NASCE (Network of Accredited Skills Centers in Europe), Chairman, 2018 - Continues, Belgium

Society for Simulation in Healthcare, Member, 2013 - Continues, United States Of America

Medsimder, Chairman, 2011 - 2014, Turkey

Scientific Refereeing

JMIR Serious Games, Journal Indexed in SCI-E, July 2023

BMC MEDICAL EDUCATION, SCI Journal, July 2023

JMIR RESEARCH PROTOCOLS, Journal Indexed in ESCI, July 2023

BMC MEDICAL EDUCATION, SCI Journal, May 2023

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TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, RİSE TEKNOLOJİ ANONİM ŞİRKETİ, Turkey, September 2022

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TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Turkey, November 2020
VIRTUAL REALITY, SCI Journal, September 2020
VIRTUAL REALITY, National Scientific Refreed Journal, July 2020
JOURNAL OF MEDICAL INTERNET RESEARCH, SCI Journal, April 2020
TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Istanbul University, Turkey, January 2017

Scientific Consultations

Tübitak , Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2022 - Continues
Tübitak , Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2020 - Continues
Tübitak, Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2017 - 2019
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Tubitak , Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2014 - 2015
Türkmenistan Sağlık Bakanlığı, Scientific Consultancy, Turkey, 2011 - 2013

Metrics

Publication: 123

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H-Index (WoS): 5

H-Index (Scopus): 6

Congress and Symposium Activities

OTdigital - Congress for Digitalisation in Orthopaedics & Traumatology, Invited Speaker, Berlin, Germany, 2023

14. Ulusal Travma ve Acil Cerrahi Kongresi, Invited Speaker, Antalya, Turkey, 2023

12th World Congress of World Institute of Pain, Invited Speaker, Antalya, Turkey, 2023

Endoscopic Laparoscopic Surgeons of Asia (ELSA) Congress 2023, Session Moderator, İstanbul, Turkey, 2023

Çocuk Cerrahisi Pediatrik Üroloji Kongresi, Invited Speaker, Aydın, Turkey, 2022

6. Ulusal 2. Uluslararası Temel Hemşirelik Bakımı Kongresi , Invited Speaker, İstanbul, Turkey, 2022

6th NASCE Scientific Meeting, Session Moderator, Athens, Greece, 2022

Tıbbın Sosyolojik Dönüşümü ve Cerrahinin Geleceğine Analitik Projeksiyon, Invited Speaker, Ankara, Turkey, 2022

III. Uluslararası Sağlıkta Yapay Zeka Kongresi, Invited Speaker, İzmir, Turkey, 2022

Sağlık Teknolojileri Zirvesi, Invited Speaker, İstanbul, Turkey, 2021

SAĞLIK EĞİTİMİNDE SİMÜLASYON ULUSAL KONGRESİ, Invited Speaker, Trabzon, Turkey, 2021

7. Cerrahi Araştırma Kongresi , Invited Speaker, Ankara, Turkey, 2013

Awards

Aksoy M. E., Kitapçioğlu D., Best Innovation Award, Society For Simulation İn Healthcare, January 2023

Aksoy M. E., IMSH Serious Games and Virtual Environments, Best in Show Award -Runner Up, Society For Simulation İn Healthcare,, January 2019

Aksoy M. E., Mention Award for Excellence by Academic Faculty and Staff, Imsh Serious Games And Virtual Environments, January 2018

Aksoy M. E., Winning poster award, Nextmed Medicine Meets Virtual Reality Meeting, April 2016