

Asst. Prof. Mehmet Emin AKSOY

Personal Information

Office Phone: [+90 212 500 4200](tel:+902125004200)

Email: Emin.Aksoy@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/emin.aksoy>

Post Adress: Kaysdagi cad. No36 Atasehir

Biography

Mehmet Emin Aksoy graduated from Karadeniz Technical University Faculty of Medicine after he had finished Sankt Georg Austrian High School. Then he graduated as a Family Physician Specialist from Turkish Ministry of Health Taksim Training and Research Hospital. After he has got Master's Degree at Bosphorus University from Biomedical Engineering Department, he has been conferred upon the degree of Doctor of Philosophy in Biomedical Engineering at the same university. Dr.Aksoy was the founder of the first medical simulation center(Simmerk) in Turkey. He is now serving as the director of Acibadem University CASE (Center of Advanced Simulation and Education) Project. Dr.Aksoy is the founder&past president of the Turkish Medical Simulation Society. He is the chairman of NASCE (Network of Accredited Skills Centers in Europe). NASCE is the accreditation system for medical training centers of UEMS (European Union of Medical Specialists), which is functioning under European Union. He has been serving as the director of CASE at Acibadem University and the program Coordinator of the Biomedical Device Technology Department since 2013. His research interests are medical simulation, serious gaming and virtual reality technologies.

Education Information

1996 - 2008	Doctorate, Bogazici University, Institute Of Biomedical Engineering, Department Of Prostheses Materials And Artificial Organs, Turkey
1993 - 1997	Expertise In Medicine, Dięer (Kurumlar,hastaneler Vb.), Taksim Training and Research hospital, Family Medicine, Turkey
1993 - 1996	Post Graduate, Bogazici University, Institute Of Biomedical Engineering, Department Of Prostheses Materials And Artificial Organs, Turkey
1984 - 1990	Under Graduate, Karadeniz Technical University, Turkey

Foreign Languages

English, C1 Advanced German, C1 Advanced

Dissertations

2008	The effect of dialysis environment and the clinical state of the patients with chronic renal failure on the high flux dialyzers, Bogazici University, Institute Of Biomedical Engineering, Department Of Prostheses Materials And Artificial Organs, Doctorate
2007	Hemodiyaliz Kalitesini Etkileyen Faktörlerin Taguchi Yöntemiyle Deęerlendirilmesi, Dięer (Kurumlar,hastaneler Vb.), Taksim Training and Research Hospital, Family Medicine, Expertise In Medicine
1997	Biocompatibility of Dialysis Membranes, Bogazici University, Institute Of Biomedical Engineering, Department Of Prostheses Materials And Artificial Organs, Post Graduate

Research Areas

Academic Titles / Tasks

2014 - Continues	Assistant Professor, Acibadem Mehmet Ali Aydınlar University, Meslek Yüksekokulu, Biyomedikal Cihaz Teknolojisi Bölümü
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Professional Experience

2015 - 2020	Head of Department, Acibadem Mehmet Ali Aydınlar University, Meslek Yüksekokulu, Biyomedikal Cihaz Teknolojisi Bölümü
2017 - 2019	Director of Vocational School, Acibadem Mehmet Ali Aydınlar University, Meslek Yüksekokulu
2014 - 2017	Head of Department, Acibadem Mehmet Ali Aydınlar University, Mühendislik Fakültesi, Tıp Mühendisliği Bölümü
2014 - 2017	Manager of Research and Application Center, Acibadem Mehmet Ali Aydınlar University

Courses

2017 - 2018, 2018 - 2019, 2019 - 2020	Devices for Sterilization, Associate Degree
2017 - 2018, 2018 - 2019	Potential Risks of Hospital Environment, Under Graduate
2015 - 2016, 2018 - 2019	Medical Imaging Devices, Associate Degree
2017 - 2018	Fizyolojik Sinyal İzleyiciler, Associate Degree
2016 - 2017	Biomaterials, Associate Degree
2016 - 2017	Potential Risks of Hospital Environment, Associate Degree
2016 - 2017	Therapeutic Devices , Associate Degree
2016 - 2017	Support Systems and Devices, Associate Degree
2014 - 2015	Neurophysiology Equipment and Equipment Technology, Associate Degree

Advising Theses

2019	Aksoy M. E. , Uğur E., Post Graduate, Z.BELHAN(Student), HEMŞİRELİK SON SINIF ÖĞRENCİLERİNE KRİZ KAYNAK YÖNETİMİ KULLANILARAK VERİLEN SİMÜLASYON DESTEKLİ HIPOGLİSEMİ EĞİTİMİNİN ETKİNLİĞİNİN DEĞERLENDİRİLMESİ
2017	Aksoy M. E. , Erkmen B., Post Graduate, F.ÜCRACK(Student), Laparoskopik cerrahi simülasyonlarında öğrenme düzeyinin elektroensefalografi sinyal analizi ile değerlendirilmesi
2011	Aksoy M. E. , Kamaşak M. E. , Post Graduate, E.AKKUR(Student), Evaluation and comparison of image quality for indirect flat panels with CsI and GOS scintillators

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

- **Performance Monitoring via Functional Near Infrared Spectroscopy for Virtual Reality Based Basic Life Support Training**
Aksoy M. E. , İzzetoğlu K., Baysoy E., Agrali A., Kitapçioğlu D., Onaral B.
FRONTIERS IN NEUROSCIENCE, pp.10-13, 2019 (Journal Indexed in SCI Expanded)
- **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
(Journal Indexed in SCI Expanded)

- **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 (Journal Indexed in SSCI)
- **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, 2019 (Journal Indexed in SCI)
- **The role of simulation training in anaesthesiology**
Sivrikaya G. U. , Aksoy M. E.
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.30, pp.41-42, 2013 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Team performance training for medical students: Low vs high fidelity simulation**
Nicolaidis M., Theodorou E., Emin E. I. , Theodoulou I., Andersen N., Lymperopoulos N., Odejinmi F., Kitapçioğlu D., Aksoy M. E. , Papalois A., et al.
ANNALS OF MEDICINE AND SURGERY, vol.55, pp.308-315, 2020 (Journal Indexed in ESCI)
- **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 (Other Refereed National Journals)
- **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 (Refereed Journals of Other Institutions)
- **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 (Other Refereed National Journals)
- **Mezuniyet Sonrası Tıp Eğitiminde Simülasyona Dayalı Uygulamalar**
Kitapçioğlu D., AKSOY M. E.
Türkiye Klinikleri Medical Education - Special Topics, vol.2, pp.65-69, 2017 (Other Refereed National Journals)
- **Integrating medical simulation programs into the Turkish undergraduate medical curriculum**
Kitapçioğlu D., Aksoy M. E.
ADVANCES IN MEDICAL EDUCATION AND PRACTICE, vol.7, pp.29-30, 2016 (Journal Indexed in ESCI)
- **Where are we in simulation training? SIMMERK Turkey experiences.**
Erkalp K., Cokay f. y. , Kitapçioğlu 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 (Refereed Journals of Other Institutions)
- **Simulation Education Of Anaesthesiology And Reanimation Residents: Simmerk® Experience Of The Four Years**
Erkalp K., Cokay f. y. , Kitapçioğlu 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 (Other Refereed National Journals)
- **Does management of cardiac arrest scenarios differ between residents of different disciplines? A comparison with simulation.**
AKSOY M. E. , Kitapçioğlu D., Eren G., Yumru C.

Middle East journal of anaesthesiology, vol.21, pp.693-8, 2012 (Refereed Journals of Other Institutions)

- **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 (Other Refereed National Journals)

- **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 (Other Refereed National Journals)

Book & Book Chapters

- **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

- **Medikal Simülasyon Terminolojisi: Medikal Simülasyonun ABC'si**

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

Nobel Tıp Kitapları, İstanbul, 2017

Refereed Congress / Symposium Publications in Proceedings

- **Integrated and separated teaching - what facilities do we need**

AKSOY M. E.

My Optimal Hospital, Tampere, Finland, 12 September 2019 - 13 September 2019

- **Cerrahi Eğitimde Simülasyonun Yeri**

AKSOY M. E.

7.Cerrahi Araştırma Kongresi, Ankara, Turkey, 07 October 2013 - 09 October 2013

- **Elektronik Öğrenme / Simülasyon Modelleri**

AKSOY M. E.

18. Ulusal Cerrahi Kongresi, İzmir, Turkey, 23 May 2012 - 27 May 2012

- **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., ağıralı a.

5. Ulusal ve 1.Uluslararası Temel Hemşirelik Bakımı Kongresi, Antalya, Turkey, 6 - 08 December 2019, pp.11

- **Travma ve Acil Cerrahi Eğitiminde Simülasyon**

AKSOY M. E.

12. Ulusal Travma ve Acil Cerrahi Kongresi, Antalya, Turkey, 9 - 13 September 2019

- **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, pp.90

- **Simülasyon Eğitiminde Gelecekte Bizleri Neler Bekliyor?**

AKSOY M. E.

1. Ulusal Hemşirelik Öğrencileri Simülasyon Sempozyumu, İstanbul, Turkey, 11 - 12 May 2019

- **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 Nöroşirurji Kongresi, Turkey, 11 - 14 April 2019

- **İstanbul İl Sağlık Müdürlüğü Büttesinde 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

- **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., Kitapcioglu D., Sayali M. E. , Guven F.
13th International Conference on Augmented Cognition (AC) Held as Part of the 21st International Conference on Human-Computer Interaction (HCI), Florida, United States Of America, 26 - 31 July 2019, vol.11580, pp.375-383
- **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
- **Clinical Simulation on Biomedical and Clinical Engineering in The Arab Countries**
AKSOY M. E.
The International Conference, Kahire, Egypt, 20 - 22 November 2018
- **Non-invasive EEG based assessment of laparoscopic clinical simulation based training with first time users.**
Üçrak F., BAYRAM M. S. B. , ÖZCAN İ. A. , AKSOY M. E. , ERKMEN B.
Neuroscience 2018, San Diego, United States Of America, 3 - 07 November 2018
- **Simulation Based Learning (SBL) for Pediatrics Clerkship Students: A Preparation Program for Clinical Practice**
Güven F., Kitapcioglu D., Sayali M. E. , AKSOY M. E.
An International Association for Medical Education (AMEE) 2018 Conference, Basel, Switzerland, 25 - 29 August 2018, pp.613
- **Hasta Güvenliği ve Simülasyon**
AKSOY M. E.
4. Minimal İnvaziv ve Robotik Kalp Damar Cerrahisi Kongresi MIRC 2018, İstanbul, Turkey, 21 - 23 June 2018
- **Undergraduate and Postgraduate Medical Simulation Courses organized at Acıbadem University CASE (Center of Advanced Simulation and Education)**
Kitapcioglu D., AKSOY M. E. , Sayali M. E. , Guven 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
- **Acıbadem Mehmet Ali Aydınlar Üniversitesi CASE Kuruluş Öyküsü**
AKSOY M. E. , Kitapcioglu D.
Sağlık Bilimlerinde Klinik ve İletişim Beceri Kongresi, Ankara, Turkey, 1 - 03 March 2018, vol.1, pp.21
- **Medikal Simülasyon Teknolojileri**
AKSOY M. E.
3.Tıbbi Tedarik Zinciri Yönetimi Kongresi, Antalya, Turkey, 7 - 08 December 2017
- **Medikal Simülasyon Teknolojileri**
AKSOY M. E.
Health 4.0. Sağlıkta Yenilikler Kongresi, İstanbul, Turkey, 24 - 26 November 2017
- **Tıp Eğitiminde Ciddi Oyunun Eğitim Yöntemi Olarak Didaktik Eğitimle Karşılaştırılması**
Sayali M. E. , Kitapcioglu D., AKSOY M. E. , Guven F.
8. Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı, Ankara, Turkey, 21 - 23 November 2017, pp.283
- **Cerrahide Simülasyon**
AKSOY M. E.
9. Cerrahi Araştırma Kongresi, Kocaeli, Turkey, 11 - 12 November 2017
- **CRM(Crisis Resource Management) Training for Undergraduate Medical Students**
AKSOY M. E. , Kitapcioglu D., Guven F., Sayali M. E. , Borali B.
NASCE (Network of Accredited Skills Centers in Europe) Scientific Meeting, Lund, Sweden, 12 - 13 October 2017, pp.3
- **AMEE / ADEE Roundtable Discussion - Accredited Skills Centers for Simulation**

AKSOY M. E.

An International Association for Medical Education (AMEE) 2017 Conference, Helsinki, Finland, 26 - 30 August 2017

- **Can self-assessment replace expert evaluation done by faculty members in simulation training?**

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

IPSS – International Pediatric Simulation Society (IPSSW) 2017, Boston, United States Of America, 19 - 21 June 2017, pp.174

- **Survey on medical students' opinion about a simulation based program for pediatric emergencies**

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

IPSS – International Pediatric Simulation Society (IPSSW) 2017, Boston, United States Of America, 19 - 21 June 2017

- **Laparoskopik Cerrahi Simülasyonlarında Öğrenme Düzeyinin Elektroensefalografi Sinyal Analizi İle Değerlendirilmesi**

Üçrak F., ÖZCAN İ. A. , AKSOY M. E. , BAYRAM M. S. B. , Ataş B., ERKMEN B.

ELCD (Endoskopik Laparoskopik Cerrahi Derneği) Kongresi 2017, Antalya, Turkey, 19 - 22 April 2017, pp.82

- **How to design a medical simulation center?**

AKSOY M. E.

DIMIMED International conference on Disaster and Military Medicine, Düsseldorf, Germany, 15 - 16 November 2016, vol.1, pp.2

- **A Serious Game Module as a complementary tool for basic life Support courses**

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

NASCE NETWORK OF ACCREDITED SKILLS CENTRES IN EUROPE“Defining Competence: Bridging the Theory Practice Gap, Dublin, Ireland, 7 - 08 October 2016

- **How effective are serious game modules compared to lecture based education?**

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

NASCE NETWORK OF ACCREDITED SKILLS CENTRES IN EUROPE“Defining Competence: Bridging the Theory Practice Gap, Dublin, Ireland, 7 - 08 October 2016

- **Pearls and Pitfalls of Creating Serious Game Modules as a complimentary tool for Medical Simulation**

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

NASCE NETWORK OF ACCREDITED SKILLS CENTRES IN EUROPE“Defining Competence: Bridging the Theory Practice Gap, Dublin, Ireland, 7 - 08 October 2016

- **Mannequin based simulation to evaluate competency in neonatal resuscitation and CRM skills**

Guven F., AKSOY M. E. , Kitapcioglu D., Sayali M. E. , Sağır O.

IPSS – International Pediatric Simulation Society (IPSSW) 2016 Conference, Glasgow, United Kingdom, 9 - 11 May 2016

- **Simulation Based Learning (SBL) for Pediatrics Clerkship Medical Students: A Preparation Program for Clinical Practice**

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

IPSS – International Pediatric Simulation Society (IPSSW) 2016 Conference, Glasgow, United Kingdom, 9 - 11 May 2016

- **Creating a Web Based Serious Game Module for Teaching Basic Life Support Protocol as a Complimentary Tool for Simulation Based Trainings in Healthcare**

AKSOY M. E. , Kitapcioglu D., Özkan M. K. , GÜVEN F.

NextMed / MMVR22 The 22nd Medicine Meets Virtual Reality Conference, Los-Angeles, Chile, 7 - 09 April 2016, vol.1, pp.13

- **Experience in Simulation**

AKSOY M. E. , Kitapcioglu D.

Kuwait International Medical Education Congress (KIMEC) 2016, Kuwait, Kuwait, 14 - 18 February 2016, pp.14

- **Designing a Medical Simulaton Center for Interdisciplinary Trainings**

AKSOY M. E.

NASCE (Network of Accredited Skills Centers in Europe) Scientific Meeting 2015, İstanbul, Turkey, 14 - 15 September 2015, pp.2

- **Simulation base Learning in postgraduate Nursing advanced life support training programme: Utilizing a**

flipped classroom method

Kitapcioglu D., AKSOY M. E. , Guven F.

SESAM Society for Simulation in Europe Annual Meeting 2014, Poznan, Poland, 12 - 14 June 2014

- **Paramedic students' approach to drowning in simulated environment with high fidelity simulators**

AKSOY M. E. , Kitapcioglu D., Guven F.

SESAM Society for Simulation in Europe Annual Meeting 2014, Poznan, Poland, 12 - 14 June 2014

- **Araştırma ve simülasyon laboratuvarlarının günümüzdeki yeri**

AKSOY M. E. , ÖZTÜRK C.

Türkiye II.Çocuk Kalp Sağlığı Platformu, İstanbul, Turkey, 14 December 2013

- **Assessment of pediatric residents 'technical and non technical skills on encountered emergencies**

GÜVEN F., Uygur Külcü N., Avtan S., AKSOY M. E. , Kitapcioglu D., Paksoy I., Sivrikaya G. U.

SESAM Society for Simulation in Europe Annual Meeting 2013, Paris, France, 13 - 15 June 2013

- **Medical Simulation: From Aviation to Medicine and Beyond**

AKSOY M. E.

Simulation in Medical Education Conference 2012, Ankara, Turkey, 16 - 18 November 2012, pp.2

- **The Role of Virtual Reality Simulators in The Evaluation of Laparoscopic Surgery Skills: Our Initial Experience with Preliminary Results**

DOKUCU A. İ. , AKSOY M. E. , Avtan S., Kitapcioglu D., Eren G., Torun D.

SESAM Society for Simulation in Europe Annual Meeting 2012, Stavanger, Norway, 14 - 16 June 2012

- **Evaluation and comparison of image quality for indirect flat panel systems with CsI and GOS scintillators**

AKSOY M. E. , KAMAŞAK M. E. , Akkur E., Üçgül A., Başak M., Alaca H.

2012 7th International Symposium on Health Informatics and Bioinformatics, Nevşehir, Turkey, 19 - 22 April 2012, vol.57

- **Anisotropical Behavior and Phases Transformation in Bone**

Üçışık A. H. , AKSOY M. E. , KUTBAYI., USTA M., BINDAL C.

Annual Meeting and Exhibition the Minerals, Metals and Materials Society (TMS 141), 11 - 15 March 2012

- **Retrospective Analysis of Our Training Programme at Our Simulation Center (Simmerk)**

Sivrikaya G. U. , AKSOY M. E. , Yumru C., Kitapcioglu D., Eren G., Paksoy I., Erkalp K., Cokay f. y. , Toprak N., Boztepe A., et al.

Simulation in Medical Education, Ankara, Turkey, 31 October - 02 November 2010, vol.1, pp.16

- **Türkiye'xxde Medikal Simülasyon Uygulamaları**

AKSOY M. E.

1. Türkiye Medikal Simülasyon Sempozyumu, İstanbul, Turkey, 20 October 2011

- **Bone as Composite Materials**

AKSOY M. E. , KUTBAYI., USTA M., BİNDAL C., GÜL A., Üçışık A. H.

Annual Meeting of Brazilian Material Research Society (XBMRs 10), Gramado, Brazil, 25 - 29 September 2011

- **Retrospective Analyses Of Our Training Programme At Our Simulation Center (Simmerk)**

Sivrikaya G. U. , AKSOY M. E. , Yumru C., Kitapcioglu D., Eren G., Paksoy I., Erkalp K., Cokay f. y. , Toprak N., Boztepe A., et al.

SIMULATION IN MEDICAL EDUCATION 2010, Ankara, Turkey, 31 October - 02 November 2010, pp.16

- **Simulation – Based Training in Crisis Resource Management for Anaesthesiology Residents**

Sivrikaya G. U. , Paksoy I., Boztepe A., Kocer Gul E., Kitapcioglu D., AKSOY M. E. , Yumru C.

SESAM Society for Simulation in Europe Annual Meeting 2010, Groningen, Netherlands, 16 - 18 June 2010

- **The Effects of Different AntieMBOLic Agents on The Crystallinity of Fractured Bones during The Healing Period**

Tunc B., Aksoy E., Usta M., Ucisik A. H.

11th International Congress of the IUPESM/World Congress on Medical Physics and Biomedical Engineering, Munich, Germany, 7 - 12 September 2009, vol.25, pp.1535-1537

- **The Influences of Reuse Solution and the Hemodialysis Environment on the High Flux Polyamide Hollow Fiber Membranes**

Sarica N., Aksoy M. E. , Usta M., Bindal C., Uecisik A. H.

11th International Congress of the IUPESM/World Congress on Medical Physics and Biomedical Engineering, Munich, Germany, 7 - 12 September 2009, vol.25, pp.233-234

- **Stability of Polymeric Hollow Fibers Used in Hemodialysis**

Aksoy M. E. , Usta M., Ucisik A. H.

13th International Conference on Biomedical Engineering (ICBME), Singapore, Singapore, 3 - 06 December 2008, vol.23, pp.1462-1464

- **The Effect of High Flux Hemodialysis on Polymeric Hollow Fibers Used in Dialyzers**

Aksoy M. E. , Usta M., Ucisik A. H.

35th Annual Northeast Bioengineering Conference, Cambridge, Canada, 3 - 05 April 2009, pp.100-101

- **Changes in material properties of dialysis membranes due to the effect of high flux dialysis**

Aksoy E. M. , Usta M., Ucisik A. H.

ASME Summer Bioengineering Conference, Colorado, United States Of America, 24 - 28 June 2007 , pp.729-730

- **The Effect of Dialysis Environment On High Flux Dialysis Membranes**

Aksoy M. E. , Usta M., Ucisik A. H.

World Congress on Medical Physics and Biomedical Engineering, Seoul, South Korea, 27 August - 01 September 2006, vol.14, pp.3165-3166

- **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

- **Hemodiyaliz membranlarının biyouyumluluk açısından karşılaştırılması**

AKSOY M. E. , Konduk B. A. , Sancaklı O., Üçışık A. H. , Karakullukçu F.

Biyomot 96 Biyomedikal Mühendisliği Ulusal Toplantısı, İstanbul, Turkey, 21 - 22 October 1996, pp.1-4

Memberships / Tasks in Scientific Organizations

2018 - Continues

NASCE(Network of Accredited Skills Centers in Europe), Chairman

Scientific Refereeing

January 2020

TUBITAK Project, 1505 - University-Industry Cooperation Support Program, İstanbul University, Turkey

Citations

- Total Citations (WOS): 10
- h-index (WOS): 2

Awards

January 2019

IMSH Serious Games and Virtual Environments, Best in Show Award -Runner Up, Society For Simulation İn Healthcare,

January 2018

Mention Award for Excellence by Academic Faculty and Staff, Imsh Serious Games And Virtual Environments

April 2016

Winning poster award, Nextmed Medicine Meets Virtual Reality Meeting