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Education Information

Expertise In Medicine, İstanbul University, İstanbul Medical Faculty, Anesteziyoloji Anabilim
Dalı, Turkey 1990 - 1995

Doctorate, İstanbul University, İstanbul Medical Faculty, Turkey 1983 - 1989

Foreign Languages

German, C1 Advanced

English, C1 Advanced

Dissertations

Expertise In Medicine, Tek Akciğer Ventilasyonunda Propofol ve İsofluranın İntrapulmoner Şanta Etkileri, İstanbul
University, İstanbul Tıp Fak, Anesteziyoloji, 1995

Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Anesthesiology

Academic Titles / Tasks

Professor, İstanbul University, İstanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, 2009 - Continues

Associate Professor, İstanbul University, İstanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, 2003 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Comparison of efficacy of erector spinae plane block, thoracic paravertebral block, and erector

- spinae plane block and thoracic paravertebral block combination for acute pain after video-assisted thoracoscopic surgery: a randomized controlled study**
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- II. Association between use of enhanced recovery after surgery protocols and postoperative complications in colorectal surgery in Europe: The EuroPOWER international observational study**
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- III. Should fluid management in thoracic surgery be goal directed?**
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CURRENT OPINION IN ANESTHESIOLOGY, vol.35, no.1, pp.89-95, 2022 (SCI-Expanded)
- IV. Thoracic Anesthesia during the COVID-19 Pandemic: 2021 Updated Recommendations by the European Association of Cardiothoracic Anaesthesiology and Intensive Care (EACTAIC) Thoracic Subspecialty Committee**
Senturk M., El Tahan M. R., Shelley B., Szegedi L. L., Piccioni F., Licker M., Karzai W., Gil M. G., Neskovic V., Vanpeteghem C., et al.
JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA, vol.35, no.12, pp.3528-3546, 2021 (SCI-Expanded)
- V. International consensus recommendations for anesthetic and intensive care management of lung transplantation. An EACTAIC, SCA, ISHLT, ESOT, ESTS, and AST approved document**
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JOURNAL OF HEART AND LUNG TRANSPLANTATION, vol.40, no.11, pp.1327-1348, 2021 (SCI-Expanded)
- VI. Effects of short-term hyperoxic ventilation on lung, kidney, heart, and liver in a rat model: A biochemical evaluation**
Aksu U., ULUGOL H., Sungur M. O., Senturk E., Vardar K., Senturk M., TORAMAN F.
ULUSAL TRAVMA VE ACİL CERRAHİ DERGİSİ-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.27, no.5, pp.497-503, 2021 (SCI-Expanded)
- VII. Controversies in airway management of COVID-19 patients: updated information and international expert consensus recommendations**
Wei H., Jiang B., Behringer E. C., Hofmeyr R., Myatra S. N., Wong D. T., O'Sullivan E. P., Hagberg C. A., McGuire B., Baker P. A., et al.
BRITISH JOURNAL OF ANAESTHESIA, vol.126, no.2, pp.361-366, 2021 (SCI-Expanded)
- VIII. Might complications of analgesic regimen affect cognitive assessment and how to diagnose POCD?**
Sungur Z., Şentürk M.
Regional anesthesia and pain medicine, vol.45, pp.938-939, 2020 (SCI-Expanded)
- IX. Thoracic Anesthesia of Patients With Suspected or Confirmed 2019 Novel Coronavirus Infection: Preliminary Recommendations for Airway Management by the European Association of Cardiothoracic Anaesthesiology Thoracic Subspecialty Committee.**
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Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.26, no.1, pp.30-36, 2020 (SCI-Expanded)
- XI. Effect of Intraoperative High Positive End-Expiratory Pressure (PEEP) With Recruitment Maneuvers vs Low PEEP on Postoperative Pulmonary Complications in Obese Patients: A Randomized Clinical Trial.**
Bluth T., Serpa Neto A., Schultz M. J., Pelosi P., de Abreu M. G., Bobek I., Canet J. C., de Baerdemaeker L., Gregoretti C., Hedenstierna G., et al.

- JAMA, vol.321, pp.2292-2305, 2019 (SCI-Expanded)
- XII. **Protective ventilation with high versus low positive end-expiratory pressure during one-lung ventilation for thoracic surgery (PROTHOR): study protocol for a randomized controlled trial**
 Kiss T., Wittenstein J., Becker C., Birr K., Cinnella G., Cohen E., El Tahan M. R., Falcao L. F., Gregoretti C., Granell M., et al.
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- XIII. **Association between night-time surgery and occurrence of intraoperative adverse events and postoperative pulmonary complications**
 Cortegiani A., Gregoretti C., Neto A. S., Hemmes S. N. T., Ball L., Canet J., Hiesmayr M., Hollmann M. W., Mills G. H., Melo M. F. V., et al.
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- XIV. **Development of a prediction model for postoperative pneumonia A multicentre prospective observational study**
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- XV. **[Effects of cerebral oxygen changes during coronary bypass surgery on postoperative cognitive dysfunction in elderly patients: a pilot study].**
 Sahan C., Sungur Z., Camci E., Sivrikoz N., Sayin O., Gurvit H., Senturk M.
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- XVI. **Fluid management in thoracic anesthesia**
 Senturk M., Sungur M. O., Sungur Z.
 MINERVA ANESTESIOLOGICA, vol.83, pp.652-659, 2017 (SCI-Expanded)
- XVII. **The effect of two different glycemic management protocols on postoperative cognitive dysfunction in coronary artery bypass surgery**
 Kurnaz P., Sungur Z., Camci E., Sivrikoz N., Orhun G., Senturk M., Sayin O., Tireli E., Gurvit H.
 REVISTA BRASILEIRA DE ANESTESIOLOGIA, vol.67, no.3, pp.258-265, 2017 (SCI-Expanded)
- XVIII. **Protective intraoperative ventilation with higher versus lower levels of positive end-expiratory pressure in obese patients (PROBESE): study protocol for a randomized controlled trial**
 Bluth T., Teichmann R., Kiss T., Bobek I., Canet J., Cinnella G., De Baerdemaeker L., Gregoretti C., Hedenstierna G., Hemmes S. N., et al.
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- XIX. **Postoperative pain: (how) can scientific research solve the problem?**
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- XX. **Anesthesia for thymectomy in adult and juvenile myasthenic patients**
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 CURRENT OPINION IN ANESTHESIOLOGY, vol.29, no.1, pp.14-19, 2016 (SCI-Expanded)
- XXI. **Open Lung in Lateral Decubitus With Differential Selective Positive End-Expiratory Pressure in an Experimental Model of Early Acute Respiratory Distress Syndrome.**
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- XXII. **Development and validation of a score to predict postoperative respiratory failure in a multicentre European cohort A prospective, observational study**
 Canet J., Sabate S., Gallart L., de Abreu M. G., Belda J., Langeron O., Hoeft A., Pelosi P., Langeron O., et al.
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 Kilic M., Seyhan T., Sungur M., Ekiz N., Bastu E., Senturk M.
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- XXVII. Günübirlilik Diz Artroskopisinde Hiperbarik Bupivakain ile Unilateral Spinal Anestezi: 5 mg vs 4 mg.**
 KOLTKA A. K., Şentürk M., Küçükay S. A., Pembeci K.
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- XXVIII. Misoprostol as a Therapeutic Option for Trigeminal Neuralgia in Patients with Multiple Sclerosis**
 PFAU G., BRINKERS M., TREUHEIT T., KRETZSCHMAR M., Senturk M., HACHENBERG T.
 PAIN MEDICINE, vol.13, no.10, pp.1377-1378, 2012 (SCI-Expanded)
- XXIX. Propofol and Additives: Please Consider Zebras Besides Horses When You Hear Hooves In Reply**
 SCHILLING T., KOZIAN A., Senturk M., HUTH C., REINHOLD A., HEDENSTIerna G., HACHENBERG T.
 ANESTHESIOLOGY, vol.116, no.2, pp.492-493, 2012 (SCI-Expanded)
- XXX. SELECTIVE PEEP TITRATION IN LATERAL DECUBITUS POSITION DURING ALI-A PRELIMINARY REPORT**
 Senturk M., Hedenstierna G., Borges J. B., HACHENBERG T., Kilie M., Larsson A.
 INTENSIVE CARE MEDICINE, vol.37, 2011 (SCI-Expanded)
- XXXI. Effects of Volatile and Intravenous Anesthesia on the Alveolar and Systemic Inflammatory Response in Thoracic Surgical Patients**
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- XXXII. Ventilatory Protective Strategies during Thoracic Surgery Effects of Alveolar Recruitment Maneuver and Low-tidal Volume Ventilation on Lung Density Distribution**
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- XXXVI. Comparison of the effects of thoracic and lumbar epidural anaesthesia on induction and maintenance doses of propofol during total i.v. anaesthesia.**
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- XL. **Protective ventilation during one-lung ventilation**
Sentuerk M.
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- XLI. **Prediction of cardiopulmonary morbidity after resection for lung cancer: Stair climbing test complications after lung cancer surgery**
TOKER A., ZIYADE S., BAYRAK Y., TANJU S., Senturk M., DILEGE S., KALAYCI G.
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- XLII. **BIS guided sedation with propofol during spinal anaesthesia: influence of anaesthetic level on sedation requirement**
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- XLIII. **New concepts of the management of one-lung ventilation**
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- XLIV. **Assessment of the success of cardiopulmonary resuscitation attempts performed in a Turkish university hospital**
Pembeci K., Yidirim A., Turan E., Buget M. İ., Camci E., Senturk M., Tugrul M., Akpir K.
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- XLV. **Sezaryen Operasyonlarında Farklı Fentanil ve Bupivakain Kombinasyonları İle Spinal Anestezi.**
ÖZKAN SEYHAN T., Şentürk E., Şenbecerir N., Başkan İ., YAVRU H. A., ŞENTÜRK N. M.
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- XLVI. **Comparison of early postoperative results of thymectomy: Partial sternotomy vs. videothoracoscopy**
TOKER A., EROGLU O., ZIYADE S., TANJU S., Senturk M., DILEGE S., KALAYCI G.
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- XLVII. **Acute and chronic pain after thoracotomies**
Senturk M.
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- XLVIII. **Effects of positive end-expiratory pressure on ventilatory and oxygenation parameters during pressure-controlled one-lung ventilation**
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- LVI. **Vascular reconstruction in Buerger's disease: Is it feasible?**
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- LXII. **Obstetrik anestezide preoperatif oral sıvı alımı aspirasyon pnömonisi profilaksisine katkı sağlar mı?**
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- II. Impact of regional analgesia techniques on the long-term clinical outcomes following thoracic surgery
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