

CURRICULUM VITAE

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PUBLICATIONS**A. Articles published in international peer-reviewed journals:**

- A1.** Aktaş S., Albayrak E., Güvenç O., Kazancı E., İnamlık A., Özcan A. P., Korkmaz A., Beken S., "Assessment of the relationship between serum magnesium levels, patent ductus arteriosus, and other neonatal morbidities: a retrospective observational study", *Cardiology in the Young*, vol. 35, no. 5, pp. 903-907, 2025.
- A2.** Unal S., Beken S., Anuk İnce D., Turan O., Korkmaz Toygar A., Ecevit A., Akcan A. B., Akın M. A., Aktaş S., Aladağ Çiftçidemir N. vd., "Caffeine use in preterm neonates: national insights into Turkish NICU practices", *Frontiers in Pediatrics*, vol. 13, 2025.
- A3.** Güner Yılmaz B., Akgün Doğan Ö., Özdemir Ö., Yuksel B., Hatırnaz Ng Ö., Bilgüvar K., Ay B., Ozkose G. S., Aydın E., Yigit A. vd., "Rapid genome sequencing for critically ill infants: an inaugural pilot study from Turkey", *Frontiers in Pediatrics*, vol. 12, 2024.
- A4.** Aktaş S., Ergenekon E., Özcan E., Aksu M., Ünal S., Hirfanoglu I. M., Türkyılmaz C., Onal E., Koç E., Atalay Y., "Effects of blood transfusion on regional tissue oxygenation in preterm newborns are dependent on the degree of anaemia", *Journal of Paediatrics and Child Health*, vol. 55, no. 10, pp. 1209-1213, 2019.
- A5.** Aktaş S., "Evaluation of Thyrotropin and Thyroxine Levels in The First Month of Life", *CYPRUS JOURNAL OF MEDICAL SCIENCES*, vol. 4, no. 2, pp. 99-102, 2019.
- A6.** Aktaş S., Say A., "Possible Risk Factors Associated with Allergic Diseases Among Perinatal and Infancy Period", *JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM*, vol. 9, no. 2, pp. 91-96, 2019.
- A7.** Aktaş S., Doğan C., Okmen Z. H., Geylani Güleç S., "Is Cord Blood Bilirubin Level a Reliable Predictor for Developing Significant Hyperbilirubinemia?", *American Journal of Perinatology*, vol. 36, no. 3, pp. 317-321, 2018.
- A8.** Aktaş S., Ulubas D., Gumustas M., Hirfanoglu I. M., Turkyilmaz C., Ergenekon E., Koc E., Atalay Y., Demirel N., Bas A. Y. vd., "Echocardiography may cause significant pain response in preterm infants", *Journal of Maternal-Fetal and Neonatal Medicine*, vol. 31, no. 3, pp. 267-270, 2018.
- A9.** Unal S., Ergenekon E., Aktaş S., Altuntas N., Beken S., Kazancı E., Kulali F., Gulbahar O., Hirfanoglu I. M., Onal E. vd., "Effects of volume guaranteed ventilation combined with two different modes in preterm infants", *Respiratory Care*, vol. 62, no. 12, pp. 1525-1532, 2017.
- A10.** Aktaş S., Karakurt L. T., Geylani Güleç S., "In Utero Synthetic Cannabinoid Exposure", *JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM*, vol. 7, no. 1, pp. 42-44, 2017.
- A11.** Unal S., Aktaş S., Aksu M., Hirfanoglu I. M., Atalay Y., Turkyilmaz C., "Iloprost Instillation in Two Neonates with Pulmonary Hypertension", *JCPSP-Journal of the College of Physicians and Surgeons Pakistan*, vol. 27, no. 4, pp. 257-259, 2017.
- A12.** Kulali F., Ergenekon E., Aktaş S., Kazancı E., Unal S., Hirfanoğlu İ., Onal E., Turkyilmaz C., Koc E., Atalay Y., "Impact of mode of delivery on skin microcirculation in term healthy newborns within the first day of life", *Journal of Maternal-Fetal and Neonatal Medicine*, vol. 30, no. 6, pp. 673-677, 2017.
- A13.** Aktaş S., Ergenekon E., Unal S., Turkyilmaz C., Hirfanoglu I. M., Atalay Y., "Different presentations of cow's milk protein allergy during neonatal period", *Turkish Journal of Pediatrics*, vol. 59, no. 3, pp. 322-328, 2017.
- A14.** Unal S., Ergenekon E., Kazancı E., Aktaş S., Kulali F., Hirfanoglu I. M., Turkyilmaz C., Atalay Y., "Effects of a closed system suction connector on airway resistance in ventilated neonates", *Turkish Journal of Medical Sciences*, vol. 47, no. 3, pp. 923-927, 2017.
- A15.** Aktaş S., Kazancı E., Ünal S., Altuntaş N., Kulali F., Ergenekon E., Türkyılmaz C., Hirfanoğlu İ. M., Önal E., Koç E. vd., "Severe IUGR and long duration of antibiotic treatment may overcome the benefits of appropriate feeding strategies to prevent necrotising enterocolitis", *Gazi Medical Journal*, vol. 28, no. 3, pp. 158-160, 2017.

- A16.** Unal S., Ergenekon E., Aktaş S., Beken S., Altuntas N., Kazancı E., Kulali F., Hirfanoglu I. M., Onal E., Turkyilmaz C. vd., "Perfusion index assessment during transition period of newborns: An observational study", *BMC Pediatrics*, vol. 16, no. 1, 2016.
- A17.** Aktaş S., Unal S., Aksu M., Ozcan E., Ergenekon E., Turkyilmaz C., Hirfanoglu I., Atalay Y., "Nasal HFOV with binasal cannula appears effective and feasible in ELBW newborns", *Journal of Tropical Pediatrics*, vol. 62, no. 2, pp. 165-168, 2016.
- A18.** Aktaş S., Gümüştas M., Onal E., Kula S., Aslan D., "Pericardial effusion and cardiac tamponade: A sudden and unexpected deterioration in a newborn in the neonatal intensive care unit", *Turkish Journal of Thoracic and Cardiovascular Surgery*, vol. 24, no. 4, pp. 777-778, 2016.
- A19.** Kazancı E., Gücüyener K., Ergenekon E., Aktaş S., "Functional brain maturation of prematurely born, growth discordant monochorionic twins assessed by aEEG", *Brain and Development*, vol. 38, no. 1, pp. 100-102, 2016.
- A20.** Simsek M., Ergenekon E., Beken S., Kulali F., Unal S., Kazancı E., Aktaş S., Altuntas N., Hirfanoglu I., Turkyilmaz C. vd., "Skinfold thickness of preterm newborns when they become late preterm infants", *Nutrition in Clinical Practice*, vol. 30, no. 2, pp. 266-273, 2015.
- A21.** Aktaş S., Turkyilmaz C., Unal S., Ergenekon N. E., Damar Ç., Öznur B., Kaya Z., Özdemir Y., Bakkaloğlu S. E., "PRENATAL ONSET DISSEMINATED RENAL VEIN THROMBOSIS EXTENDED INTO VENA CAVA IN A LATE PRETERM INFANT", *GENETIC COUNSELING*, vol. 26, no. 4, pp. 471-474, 2015.
- A22.** Altuntas N., Yenicesu I., Himmetoglu O., Kulali F., Kazancı E., Unal S., Aktaş S., Hirfanoglu I., Onal E., Turkyilmaz C. vd., "The risk assessment study for hemolytic disease of the fetus and newborn in a University Hospital in Turkey", *Transfusion and Apheresis Science*, vol. 48, no. 3, pp. 377-380, 2013.

D. Articles published in national peer-reviewed journals:

- D1.** Okulu E., Koç E., Erdeve Ö., Akdağ A., Aktaş S., Aydemir Ö., Aygün C., Bayraktar B. T., Cebeci B., Çelik H. T. vd., "Neonatal Resuscitation Practices in Turkey: A Survey of the Turkish Neonatal Society and the Union of European Neonatal and Perinatal Societies", *Turkish Archives of Pediatrics*, vol. 58, no. 3, 2023.
- D2.** Öztürk S. E., Aktaş S., Gozmen S., Yılmaz Z. İ., Vergin C., "The Effects of Complete Blood Count and Ferritin Values from the Mother and the Umbilical Cord Blood on the Infant's Anemia at the 4th Month and Neurodevelopment at the 6th Month", *Akdeniz Medical Journal*, 2019.
- D3.** Aras Öztürk S. E., Aktaş S., Karakurt L. T., Develioglu O. N., Murat Z., Cetinkaya F., Güleç S. G., "The follow-up results of newborn hearing screening of gaziosmanpasa taksim research and training hospital", *Türk Pediatri Arsivi*, vol. 53, no. 1, pp. 10-16, 2018.
- D4.** Karakurt L. T., Aktaş S., Geylani Güleç S., "A rare cause of central cyanosis of newborn: Methemoglobinemia", *Pamukkale Medical Journal*, vol. 11, no. 2, pp. 173-177, 2018.
- D5.** Aktaş S., Karakurt L. T., Aydın K., Onal E., "Two newborn case reports diagnosed as Walker Warburg syndrome Walker Warburg sendromu: İki yenidoğan olgusu", *Medeniyet Medical Journal*, 2018.
- D6.** Aktaş S., Öztürk S. E., Geylani Güleç S., "Investigation of the Potential Risk Factors of Indirect Hyperbilirubinemia in Patients Admitted to the Neonatal Intensive Care Unit with Hyperbilirubinemia", *Akdeniz Medical Journal*, vol. 3, no. 3, pp. 171-176, 2017.
- D7.** Unal S., Turkyilmaz C., Hulya K., Aktaş S., Atalay Y., "Severe Apnea in a Premature Infant after Accidental Vancomycin Overdose Responsive to Treatment with Exchange Transfusion", *Asia Pacific Journal of Medical Toxicology*, vol. 5, no. 1, pp. 28-31, 2016.