

# Prof. JALE KARAKAYA KARABULUT

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## International Researcher IDs

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## Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enst, Biyoistatistik Anabilim Dalı, Turkey 2005 - 2012

Postgraduate, Hacettepe University, Sağlık Bilimleri Enst, Biyoistatistik Anabilim Dalı, Turkey 2002 - 2005

Postgraduate, Ankara University, Institute Of Science, Turkey 2000 - 2002

Undergraduate, Ankara University, Fen Fakültesi, İstatistik Bölümü, Turkey 1995 - 1999

## Dissertations

Doctorate, Üç yönlü ROC analizi ve ortak değişken düzeltilmesi, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyoistatistik (YI) (Tezli), 2012

Postgraduate, Farklı özellikteki alt grupların incelenmesinden doğan yanlılığın tanı doğruluğuna etkileri, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyoistatistik (YI) (Tezli), 2005

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics

## Academic Titles / Tasks

Associate Professor, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2001 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- A novel suturing technique for natural tissue repair in cystocele treatment**  
Findik R. B., Doganay M., Aksakal O. S., Coskun Z. Y., KARAKAYA KARABULUT J.  
BMC WOMENS HEALTH, no.1, 2024 (SCI-Expanded)
- Zero-echo time MRI: an alternative method for the diagnosis of urinary stones in children**  
ÖZCAN H. N., ÖZER G., DOĞAN H. S., KARAKAYA KARABULUT J., OĞUZ B., TEKGÜL S., HALİLOĞLU M.  
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- Liver magnetic resonance elastography and fat fraction in pediatric patients with cystic fibrosis versus healthy children**

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- IV. **Association of ocular surface and meibomian gland alterations with silicone hydrogel contact lens wear**  
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- V. **Effects of nasoalveolar molding on maxillary arch dimensions and malocclusion characteristics in primary dentition patients with cleft lip and palate**  
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International Journal of Paediatric Dentistry, vol.34, no.1, pp.94-101, 2024 (SCI-Expanded)
- VI. **Effect of upper eyelid blepharoplasty on the ocular surface, tear film, and corneal microstructure**  
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- VII. **Psychometric properties of Fullerton Advanced Balance Scale in patients with stroke**  
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- VIII. **Effect of retrobulbar prostaglandin analog injection on orbital fat in rats**  
COŞAN S., İNAM O., Kaya B., ATILLA P., ÖCAL O., ARAT A., Karakaya J., ÖZKAN ARAT Y.  
International Ophthalmology, vol.43, no.12, pp.4985-4990, 2023 (SCI-Expanded)
- IX. **Reliability and validity of the glittre activities of daily living test in fully ambulatory multiple sclerosis patients**  
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- X. **Influence of video display terminal use and meibomian gland dysfunction on the ocular surface and tear neuromediators**  
Bilgiç A. A., KOCABEYOĞLU S., DİKMETAŞ Ö., TAN Ç., KARAKAYA KARABULUT J., Irkeç M.  
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- XI. **Can we identify “at-risk” children and adolescents for poor transplant outcomes in the psychosocial evaluation before solid organ transplantation? The reliability and validity study of Pediatric Transplant Rating Instrument (P-TRI) in Turkish pediatric renal transplant patients**  
Taner H. A., Sarı B. A., Baskın E., Karakaya J., Gülleroğlu K. S., Kazancı N. Ö., Haberal M.  
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- XIII. **A Novel Medical Image Enhancement Algorithm for Breast Cancer Detection on Mammography Images Using Machine Learning**  
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- XIV. **Reliability and validity of the Turkish version of the Selective Control Assessment of the Lower Extremity (SCALE) in children with spastic cerebral palsy**  
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- XV. **The effect of sacral massage on meconium-stained amniotic fluid and the duration of fetal descent in labor: A randomized controlled trial**  
Ulubasoglu H., Findik R. B., Keskin H. L., Ozcan D., Tekin O. M., KARAKAYA KARABULUT J.  
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- XVI. **The comparison of COVID-19 vs seasonal influenza in children**  
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- XVIII. **Relationship of depression, impulsivity, distress intolerance and coping styles with maladaptive eating patterns in bariatric candidates**  
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- XIX. **The reliability, validity, and responsiveness of Cognitive Exercise Therapy Approach: Biopsychosocial Questionnaire for patients with psoriatic arthritis**  
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- XX. **Plasma levels of sirtuin and adiponectin in patients with primary open-angle glaucoma, exfoliative glaucoma, and healthy controls**  
Gencoglu A. Y., Irkec M., KOCABEYOĞLU S., DİKMEN Z. G., KARAKAYA KARABULUT J., Konstas A. G. P.  
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- XXII. **The Relationship Between Perineal Body Size, Total Vaginal Length, Apical Prolapse, and Prolapse Symptoms**  
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- XXVI. **Evaluation of HSP-27, BAP1, BRAF V600E, CCR7, and PD-L1 expression in uveal melanoma on enucleated eyes and metastatic liver tumors**  
Agin A., KIRATLI H., Guresci S., BABAOĞLU B., KARAKAYA KARABULUT J., Soylemezoglu F.  
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- XXVII. **The effects of systemic aromatase inhibitors on meibomian glands and corneal structure**  
Agin A., KOCABEYOĞLU S., Gencoglu A. Y., AKSOY S., KARAKAYA KARABULUT J., Irkec M.  
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- XXVIII. **Assessment of 4DCT imaging findings of parathyroid adenomas in correlation with biochemical and histopathological findings**  
GÜMELER E., KURTULAN O., Arslan S., KARAKAYA KARABULUT J., SÖKMENSÜER C., ÜNLÜTÜRK U., Oğuz K. K.,

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JAPANESE JOURNAL OF RADIOLOGY, vol.40, no.5, pp.484-491, 2022 (SCI-Expanded)
- XXIX. **Developmental and Behavioral Problems of Preschool-Age Children with Chronic Rheumatic Diseases**  
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- XXXIII. **Comparison of two different feedback techniques for activating the transversus abdominis: An observational study**  
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- XXXVI. **Reliability and Validity of the Turkish Version of the Selective Control of the Upper Extremity Scale in Children with Cerebral Palsy**  
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- XXXVII. **AI-Based Quantitative CT Analysis of Temporal Changes According to Disease Severity in COVID-19 Pneumonia**  
ARDALI DÜZGÜN S., DURHAN G., DEMİRKAZIK F., IRMAK İ., KARAKAYA KARABULUT J., AKPINAR E., GÜLSÜN AKPINAR M., İNKAYA A. Ç., ÖCAL S., TOPELİ İSKİT A., et al.  
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- XXXVIII. **Diffusion-weighted imaging for the differentiation of Ewing sarcoma from osteosarcoma**  
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- XL. **Magnetic resonance imaging findings of invasive breast cancer in different histological grades and different histopathological types**

DURHAN G., POKER A., Settarzade E., KARAKAYA KARABULUT J., KÖSEMEHMETOĞLU K., GÜLSÜN AKPINAR M., DEMİRKAZIK F.

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- XLII. **Risk factors for recurrent pulmonary exacerbation in idiopathic pulmonary hemosiderosis**  
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- XLIII. **Motor repertoire is age-inadequate in infants with cystic fibrosis**  
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- XLIV. **Postural instability in children with severe inner ear malformations: Characteristics of vestibular and balance function**  
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- XLV. **Evaluation of binary diagnostic tests accuracy for medical researches**  
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- XLVII. **Turkish validation of the maternal responsiveness global rating scale in slow-to-talk toddlers**  
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- XLVIII. **Do early parental postnatal depression, attachment style and perceived social support affect neurodevelopmental outcomes of premature infants?**  
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- LI. **Challenges in Differentiating Pediatric Autoimmune CNS Diseases with Similar Clinical and Imaging Phenotypes Reply**  
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- LIII. **MRI Predictors of Recurrence and Outcome after Acute Transverse Myelitis of Unidentified Etiology**  
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- LIV. **Upper airway features of unilateral cleft lip and palate patients in different growth stages**  
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- LVI. **High-intensity inspiratory muscle training in bronchiectasis: A randomized controlled trial**  
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- LXIII. **Magnetic resonance imaging of pulmonary infection in immunocompromised children: comparison with multidetector computed tomography.**  
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- LXIV. **PLACENTAL ELASTICITY AND HISTOPATHOLOGICAL FINDINGS IN NORMAL AND INTRA-UTERINE GROWTH RESTRICTION PREGNANCIES ASSESSED WITH STRAIN ELASTOGRAPHY IN EX VIVO PLACENTA**  
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- LXV. **Mercury concentration in maternal serum, cord blood, and placenta in patients with amalgam dental fillings: effects on fetal biometric measurements**  
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## Supported Projects

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