

Prof. KADRIYE ARMUTLU

Personal Information

Office Phone: [+90 312 305 1576](tel:+903123051576) Extension: 155

Fax Phone: [+90 312 305 2012](tel:+903123052012)

Email: karmutlu@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/karmutlu>

Address: H.Ü. SBF FTR BÖLÜMÜ SAMANPAZARI SIHHİYE ANKARA

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, Turkey 1993 - 1996

Postgraduate, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, Turkey 1991 - 1993

Undergraduate, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizyoterapi Ve Rehabilitasyon, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, DENGİ VE KOORDİNASYON BOZUKLUĞU OLAN MULTİPL SKLEROZLU HASTALARDA NÖROMÜSKÜLER REHABİLİTASYON VE JOHNSTONE BASINÇ SPLİNTLERİNİN ETKİNLİĞİ, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (Dr), 1996

Postgraduate, İDİOPATİK PALMOPLANTAR HİPERHİDROZİSTE MUSLUK SUYU İYONTOFOREZİSİNİN ETKİLERİ, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Fizik Tedavi Ve Rehabilitasyon (Yl) (Tezli), 1992

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2010 - Continues

Associate Professor, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2003 - 2010

Assistant Professor, Hacettepe University, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 1997 - 2003

Advising Theses

ARMUTLU K., Ataksik multipl skleroz hastalarında farklı egzersiz yaklaşımlarının etkilerinin karşılaştırılması, Doctorate, Y.SALCI(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reliability and validity of the glittre activities of daily living test in fully ambulatory multiple sclerosis patients**
Kaya G., KÖSE N., SALCI Y., ARMUTLU K., Karakaya J., Tuncer A., KARABUDAK R.
Irish Journal of Medical Science, vol.192, no.5, pp.2379-2386, 2023 (SCI-Expanded)
- II. **Comparison of different methods used in balance evaluation in children with diparetic cerebral palsy**
Göktürk Usta A., ARMUTLU K.
Neurological Research, vol.46, no.1, pp.49-53, 2023 (SCI-Expanded)
- III. **Dimensionality, psychometric properties, and population-based norms of the Turkish version of the Chalder Fatigue Scale among adults**
Adın R. M., CEREN A. N., SALCI Y., FİL BALKAN A., ARMUTLU K., AYHAN KURU Ç.
Health and Quality of Life Outcomes, vol.20, no.1, 2022 (SCI-Expanded)
- IV. **Reliability and Validity of Turkish Myasthenia Gravis-Activities of Daily Living Scale**
KARANFİL E., SALCI Y., FİL BALKAN A., Bekircan-Kurt C. E., ERDEM ÖZDAMAR S., ARMUTLU K.
OTJR-OCCUPATION PARTICIPATION AND HEALTH, vol.41, no.2, pp.101-107, 2021 (SSCI)
- V. **The trunk control: Which scale is the best in very acute stroke patients?**
Balkan A. F., SALCI Y., Keklice H., ÇETİN B., Adın R. M., ARMUTLU K.
TOPICS IN STROKE REHABILITATION, vol.26, no.5, pp.359-365, 2019 (SCI-Expanded)
- VI. **Expiratory muscle strength as a predictor of functional exercise capacity in generalized myasthenia gravis**
Calik-Kutukcu E., SALCI Y., KARANFİL E., Fil-Balkan A., Bekircan-Kurt C. E., ARMUTLU K.
NEUROSCIENCES, vol.24, no.2, pp.95-100, 2019 (SCI-Expanded)
- VII. **Functional exercise capacity evaluated by timed walk tests in myasthenia gravis**
SALCI Y., KARANFİL E., Balkan A. F., Kutukcu E. C., CEREN A. N., AYVAT F., Bekircan-Kurt C. E., ARMUTLU K.
MUSCLE & NERVE, vol.59, no.2, pp.208-212, 2019 (SCI-Expanded)
- VIII. **Sensorimotor integration training in Parkinson's disease**
FİL BALKAN A., SALCI Y., KEKLİCEK H., ARMUTLU K., AKSOY S., KAYIHAN H., ELİBOL B.
NEUROSCIENCES, vol.23, no.3, pp.208-215, 2018 (SCI-Expanded)
- IX. **Investigating the dynamic plantar pressure distribution and loading pattern in subjects with multiple sclerosis**
Keklice H., ÇETİN B., SALCI Y., Balkan A. F., Altinkaynak U., ARMUTLU K.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.20, pp.186-191, 2018 (SCI-Expanded)
- X. **Validity and reliability of the International Cooperative Ataxia Rating Scale (ICARS) and the Scale for the Assessment and Rating of Ataxia (SARA) in multiple sclerosis patients with ataxia**
SALCI Y., FİL BALKAN A., KEKLİCEK H., ÇETİN B., ARMUTLU K., Dolgun A., Tuncer A., KARABUDAK R.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.18, pp.135-140, 2017 (SCI-Expanded)
- XI. **Effects of different exercise modalities on ataxia in multiple sclerosis patients: a randomized controlled study**
SALCI Y., FİL BALKAN A., ARMUTLU K., Yıldız F. G., Kurne A., AKSOY S., NURLU G., KARABUDAK R.
DISABILITY AND REHABILITATION, vol.39, no.26, pp.2626-2632, 2017 (SCI-Expanded)
- XII. **The organisation of physiotherapy for people with multiple sclerosis across Europe: a multicentre questionnaire survey**
Rasova K., Freeman J., Martinkova P., Pavlikova M., Cattaneo D., Jonsdottir J., Henze T., Baert I., Van Asch P., Santoyo C., et al.
BMC HEALTH SERVICES RESEARCH, vol.16, 2016 (SCI-Expanded)
- XIII. **Involvement of Autonomic Nervous System and its Relationship With Cranial and Cervical Spinal MRI Findings In Patients With Multiple Sclerosis**
Ciftci O., KESER İ., Kurne A., Bosnak Guclu M., Karli Oguz K., Soylu R., ARMUTLU K., AYTEMİR K., Tokgozoglu L., KARABUDAK R.

JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.29, no.2, pp.181-191, 2012 (SCI-Expanded)

- XIV. **Improvement of muscle strength and fatigue with high voltage pulsed galvanic stimulation in multiple sclerosis patients - a non-randomized controlled trial**
Korkmaz N. C., Kirdi N., TEMUÇİN Ç. M., ARMUTLU K., Yakut Y., KARABUDAK R.
JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION, vol.61, no.8, pp.736-743, 2011 (SCI-Expanded)
- XV. **The effect of electrical stimulation in combination with Bobath techniques in the prevention of shoulder subluxation in acute stroke patients**
FİL BALKAN A., ARMUTLU K., Atay A. O., Kerimoglu U., ELİBOL B.
CLINICAL REHABILITATION, vol.25, no.1, pp.51-59, 2011 (SCI-Expanded)
- XVI. **CASE HISTORY: PROBLEM SOLVING**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.171-179, 2010 (SCI-Expanded)
- XVII. **OVERVIEW OF MS**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.5-24, 2010 (SCI-Expanded)
- XVIII. **SPASTICITY**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.25-40, 2010 (SCI-Expanded)
- XIX. **MS AND SPASTICITY**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.41-50, 2010 (SCI-Expanded)
- XX. **NEUROPHYSIOLOGICAL BASIS OF FACILITATION AND INHIBITION TECHNIQUES**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.63-72, 2010 (SCI-Expanded)
- XXI. **EVALUATION OF THE PATIENT AND MEASUREMENT OF SPASTICITY**
ARMUTLU K., Oezcelik Y.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.73-106, 2010 (SCI-Expanded)
- XXII. **PHYSIOTHERAPY APPLICATIONS**
ARMUTLU K., FİL BALKAN A.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.107-160, 2010 (SCI-Expanded)
- XXIII. **POSTURE AND BODY MECHANICS**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.51-62, 2010 (SCI-Expanded)
- XXIV. **SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS INTRODUCTION**
Armutlu K.
SPASTICITY AND ITS MANAGEMENT WITH PHYSICAL THERAPY APPLICATIONS WITH MULTIPLE SCLEROSIS PATIENTS, pp.1-3, 2010 (SCI-Expanded)
- XXV. **The validity and test-retest reliability of the Leeds Multiple Sclerosis Quality of Life scale in Turkish patients**
Akbiyik D. I., Sumbuloglu V., Guney Z., ARMUTLU K., Korkmaz N., KESER İ., Yuksel M. M., KARABUDAK R.
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, vol.32, no.2, pp.162-166, 2009 (SSCI)
- XXVI. **Psychometric study of Turkish version of Fatigue Impact Scale in multiple sclerosis patients**

- Armutlu K., Keser I., Koikmaz N., Akbiyik D. I., Sumbuloglu V., Guney Z., Karabudak R.
JOURNAL OF THE NEUROLOGICAL SCIENCES, vol.255, pp.64-68, 2007 (SCI-Expanded)
- XXVII. **The validity and reliability of the Fatigue Severity Scale in Turkish multiple sclerosis patients**
Armutlu K., Korkmaz N. C., Keser I., Sumbuloglu V., Akbiyik D. I., Guney Z., Karabudak R.
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, vol.30, no.1, pp.81-85, 2007 (SSCI)
- XXVIII. **Analysis of age and gender related differences in pressure pain threshold and pressure pain tolerance levels**
Bek N., UYGUR F., BAYAR B., ARMUTLU K.
PAIN CLINIC, vol.14, no.4, pp.309-314, 2002 (SCI-Expanded)
- XXIX. **Is there a relationship between respiratory function and trunk control and functional mobility in patients with relapsing–remitting multiple sclerosis?**
Ozen M. S., ÇALIK KÜTÜKCÜ E., SALCI Y., KARANFİL E., Tuncer A., Armutlu K.
Neurological Research, vol.45, no.7, pp.619-626, 1 (SCI-Expanded)
- XXX. **Effects of freezing of gait on balance in patients with Parkinson’s disease**
Korkusuz S., Seçkinogulları B., Özcan A., Demircan E. N., Çakmaklı G. Y., ARMUTLU K., Yavuz F., ELİBOL B.
Neurological Research, vol.45, no.5, pp.407-414, 1 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Adaptation to Successive Postural Perturbations in Patients with Multiple Sclerosis**
SALCI Y., KARANFİL E., AYVAT E., Balkan A. F., KARAKAYA KARABULUT J., AKSOY S., ARMUTLU K., Tuncer A., KARABUDAK R.
TURKISH JOURNAL OF NEUROLOGY, vol.26, no.1, pp.24-29, 2020 (ESCI)
- II. **Kronik boyun ağrılı hastalarda temel vücut farkındalığı terapisi ile konvansiyonel tedavinin ağrı, hareket korkusu ve eklem hareket açıklığı üzerine etkileri**
YILMAZ K., YAZICIOĞLU F. G., ARMUTLU K.
Journal of Exercise Therapy and Rehabilitation, vol.7, no.3, pp.201-212, 2020 (Peer-Reviewed Journal)
- III. **Comparing the acute effect of myofascial release techniques and passive stretching on hind foot dynamic loading in patients with multiple sclerosis: A cohort-blinded study**
Balkan A. F., Keklice H., SALCI Y., Altinkaynak U., ARMUTLU K.
BIOMEDICAL HUMAN KINETICS, vol.12, no.1, pp.51-58, 2020 (ESCI)
- IV. **Multiple Skleroz’lu Bireylerde Bilişsel Egzersiz Terapi Yaklaşımı’nın Yorgunluk ve Denge Üzerine Etkileri**
KÜÇÜKTEPE İ., FİL BALKAN A., SALCI Y., ARIN G., KARACA N. B., ARMUTLU K., ÜNAL E.
Journal of Exercise Therapy and Rehabilitation, vol.5, no.2, pp.74-81, 2018 (Peer-Reviewed Journal)
- V. **Multiple sklerozlu bireylerde Bilişsel Egzersiz Terapi Yaklaşımı’nın yorgunluk ve denge üzerine etkileri**
küçüktepe i., FİL BALKAN A., SALCI Y., ARIN G., KARACA N. B., ARMUTLU K., ÜNAL E.
Journal of Exercise Therapy and Rehabilitation, 2018 (Peer-Reviewed Journal)
- VI. **5 YEAR PHYSIOTHERAPY AND REHABILITATION RESULTS OF THE PATIENT WITH MILLER FISHER SYNDROME**
AKINOĞLU B., ARMUTLU K.
INTERNATIONAL JOURNAL OF PHYSIOTHERAPY, vol.3, no.4, pp.469-472, 2016 (ESCI)
- VII. **The Effect of Walking Distance on EDSS Score in Patients with Multiple Sclerosis**
Tombak K. B., ARMUTLU K., KARABUDAK R.
TURKISH JOURNAL OF NEUROLOGY, vol.16, no.2, pp.72-77, 2010 (ESCI)
- VIII. **Evaluation of the daily walking parameters and the fluctuation of walking distances of multiple sclerosis patients**
Balc K., ARMUTLU K.
TURKISH JOURNAL OF PHYSIOTHERAPY REHABILITATION-TURK FIZYOTERAPI VE REHABILITASYON DERGISI,

Refereed Congress / Symposium Publications in Proceedings

- I. **Fonksiyonel hareket bozukluğu olan distonik bir olgunun tedavi sonuçları.**
FİL BALKAN A., KARANFİL E., ARMUTLU K., YALÇIN ÇAKMAKLI G., ELİBOL B., YILDIZ M. İ., DEMİRSÖZ T., Yazıcı M. K.
12. Nöropsikiyatri Günleri, İstanbul, Turkey, 6 - 07 December 2019
- II. **Chalder Yorgunluk Ölçeği'nin Türkçe versiyonunun oluşturulması ve güvenilirliğinin incelenmesi**
ADIN R. M., CEREN A. N., KARANFİL E., ÇETİN B., SALCI Y., FİL BALKAN A., ARMUTLU K., AYHAN Ç.
2. Uluslararası Sağlık Bilimleri ve Yaşam Kongresi, 24 - 27 April 2019
- III. **An investigation of the correlation between upper extremity functional performance and motor control ability - a pilot study**
ADIN R. M., CEREN A. N., ÇETİN B., KARANFİL E., CENGİZ M. S., SALCI Y., FİL BALKAN A., ARMUTLU K., SOYLU A. R., AYHAN Ç.
Uluslararası 9. Biyomekanik Kongresi, 19 - 22 September 2018
- IV. **Myastenia gravis hastalarında altı dakika yürüyüş testinin kullanımı**
SALCI Y., KARANFİL E., ÇALIK KÜTÜKCÜ E., FİL BALKAN A., CEREN A. N., AYVAT F., KURT C. E., ARMUTLU K.
1. Kardiyopulmoner Rehabilitasyon Kongresi, Turkey, 22 - 25 November 2017, vol.29
- V. **The effects of high-voltage pulsed galvanic stimulation on fatigue in multiple sclerosis patients**
KORKMAZ N. Ç., ARMUTLU K., KESER İ., KIRDI N., KARABUDAK R.
13th Annual Meeting of the Amer-Comm-for-Treatment-and-Res-in-Multiple-Sclerosis/24th Congress of the European-Comm-for-Treatment-and-Res-in-Multiple-Sclerosis/5th Congress of the Latin-Amer-Comm-for-Treatment-and-Res-in-Multiple-Sclerosis, Montreal, Canada, 17 - 20 September 2008, vol.14

Supported Projects

ARMUTLU K., FİL A., SALCI Y., Project Supported by Higher Education Institutions, Bilgisayarlı Dinamik Postürografinin Değerlendirme ve Eğitim Amaçlı Kullanımı, 2015 - 2019

ARMUTLU K., ÇETİN B., Project Supported by Higher Education Institutions, Multipl Sklerozlu Bireylerde Dinamik Plantar Basınç Dağılımının İncelenmesi, 2017 - 2017

ARMUTLU K., ÇETİN B., Project Supported by Higher Education Institutions, Multipl skleroz hastalarında grup egzersizlerinin yürüyüş, plantar basınç dağılımı ve yaşam kalitesi üzerine etkisi, 2016 - 2017

Metrics

Publication: 43
Citation (WoS): 197
Citation (Scopus): 84
H-Index (WoS): 6
H-Index (Scopus): 6