

## Prof. AKMER MUTLU

### Personal Information

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### Education Information

Post Doctorate, Northwestern University, Rehabilitation Institute Of Chicago, Rehabilitation Institute Of Chicago, United States Of America 2012 - 2013

Doctorate, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, Turkey 2001 - 2008

Postgraduate, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, Turkey 1998 - 2001

Undergraduate, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, Turkey 1994 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Health Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2011 - Continues

Assistant Professor, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2010 - 2011

Lecturer, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2008 - 2010

Research Assistant, Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 1998 - 2008

### Academic and Administrative Experience

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2014 - Continues

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2014 - Continues

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2013 - 2017

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Fizik Tedavi ve Rehabilitasyon Bölümü, 2014 - 2015

## ARTICLES PUBLISHED IN JOURNALS THAT ENTERED SCI, SSCI AND AHCI INDEXES

- I. **The effect of hyperbilirubinemia on motor repertoire of infants between 3 and 5 months of age**  
Kahraman A., ALKAN H., ÇELİK H. T. , MUTLU A.  
EUROPEAN JOURNAL OF PEDIATRICS, 2021 (Journal Indexed in SCI)
- II. **The general movements assessment and effects of an early intervention in an infant with Cri du chat syndrome: a case report**  
YARDIMCI LOKMANOĞLU B. N. , MUTLU A., LİVANELİOĞLU A., Haliloglu G.  
TURKISH JOURNAL OF PEDIATRICS, vol.63, no.1, pp.167-173, 2021 (Journal Indexed in SCI)
- III. **Early Spontaneous Movements of Infants With Hypoxic-Ischemic Encephalopathy**  
ALKAN H., KAHRAMAN A., MUTLU A.  
PEDIATRIC PHYSICAL THERAPY, vol.33, no.1, pp.18-22, 2021 (Journal Indexed in SCI)
- IV. **The forgotten sixth sense in cerebral palsy: do we have enough evidence for proprioceptive treatment?**  
YARDIMCI LOKMANOĞLU B. N. , Bingol H., MUTLU A.  
DISABILITY AND REHABILITATION, vol.42, pp.3581-3590, 2020 (Journal Indexed in SCI)
- V. **General Movements and Developmental Functioning in an Individual with Rhizomelic Chondrodysplasia Punctata within the First Months of the Life: A Case Report**  
YARDIMCI LOKMANOĞLU B. N. , MUTLU A., LİVANELİOĞLU A.  
PHYSICAL & OCCUPATIONAL THERAPY IN PEDIATRICS, 2020 (Journal Indexed in SCI)
- VI. **Motor repertoire is age-inadequate in infants with cystic fibrosis**  
TEKERLEK H., MUTLU A., İNAL İNCE D., LİVANELİOĞLU A., Kahraman A., Eryilmaz-Polat S., KARAKAYA KARABULUT J., Ozcelik U.  
PEDIATRIC RESEARCH, 2020 (Journal Indexed in SCI)
- VII. **Assessment of Motor Repertoire in 3-to 5-Month-Old Infants With Obstetric Brachial Plexus Lesion**  
Kahraman A., MUTLU A., LİVANELİOĞLU A.  
PEDIATRIC PHYSICAL THERAPY, vol.32, no.2, pp.114-119, 2020 (Journal Indexed in SCI)
- VIII. **Cerebral Palsy: Early Markers of Clinical Phenotype and Functional Outcome**  
Einspieler C., Bos A. F. , Kriebler-Tomantschger M., Alvarado E., Barbosa V. M. , Bertonecelli N., Burger M., Chorna O., Del Secco S., Deregnier R., et al.  
JOURNAL OF CLINICAL MEDICINE, vol.8, no.10, 2019 (Journal Indexed in SCI)
- IX. **The role of the family in early intervention of preterm infants with abnormal general movements**  
Kara O. K. , ŞAHİN S., YARDIMCI LOKMANOĞLU B. N. , MUTLU A.  
NEUROSCIENCES, vol.24, no.2, pp.101-109, 2019 (Journal Indexed in SCI)
- X. **Do adolescents with cerebral palsy agree with their caregivers on their participation and quality of life?**  
Bugusan S., Kahraman A., ELBASAN B., MUTLU A.  
DISABILITY AND HEALTH JOURNAL, vol.11, no.2, pp.287-292, 2018 (Journal Indexed in SCI)
- XI. **Agreement between parents and clinicians on the communication function levels and relationship of classification systems of children with cerebral palsy**  
MUTLU A., Kara O. K. , LİVANELİOĞLU A., KARAHAN S., Alkan H., YARDIMCI B. N. , Hidecker M. J. C.  
DISABILITY AND HEALTH JOURNAL, vol.11, no.2, pp.281-286, 2018 (Journal Indexed in SCI)
- XII. **How do physical capacity, fatigue and performance differ in children with duchenne muscular dystrophy compared with their healthy peers?**  
MUTLU A., ALKAN H., FIRAT T., Karaduman A. A. , Yilmaz O. T.  
NEUROSCIENCES, vol.23, no.1, pp.39-45, 2018 (Journal Indexed in SCI)
- XIII. **The motor repertoire in 3-to 5-month old infants with Down syndrome**  
Herrero D., Einspieler C., Aizawa C. Y. P. , MUTLU A., Yang H., Nogolova A., Pansy J., Nielsen-Saines K., Marschik P. B.  
RESEARCH IN DEVELOPMENTAL DISABILITIES, vol.67, pp.1-8, 2017 (Journal Indexed in SSCI)
- XIV. **Effects of functional level on balance in children with Duchenne Muscular Dystrophy**  
Alkan H., MUTLU A., FIRAT T., BULUT N., KARADUMAN A. A. , Yilmaz O. T.  
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.21, no.4, pp.635-638, 2017 (Journal Indexed in SCI)
- XV. **Impairments, activity limitations, and participation restrictions of the international classification of**

**functioning, disability, and health model in children with ambulatory cerebral palsy**

MUTLU A., Bugusan S., Kara O. K.

SAUDI MEDICAL JOURNAL, vol.38, no.2, pp.176-185, 2017 (Journal Indexed in SCI)

- XVI. **The effectiveness of taping on children with cerebral palsy: a systematic review**  
Guchan Z., MUTLU A.  
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.59, no.1, pp.26-30, 2017 (Journal Indexed in SCI)
- XVII. **Should botulinum toxin A injections be repeated in children with cerebral palsy? A systematic review**  
Kahraman A., SEYHAN K., Deger U., Kutluturk S., MUTLU A.  
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.58, no.9, pp.910-917, 2016 (Journal Indexed in SCI)
- XVIII. **Improvements in Children With Cerebral Palsy Following Intrathecal Baclofen: Use of the Rehabilitation Institute of Chicago Care and Comfort Caregiver Questionnaire (RIC CareQ)**  
BAKER K. W., TANN B., MUTLU A., GAEBLER-SPIRA D.  
JOURNAL OF CHILD NEUROLOGY, vol.29, no.3, pp.312-317, 2014 (Journal Indexed in SCI)
- XIX. **Effect of acquisition ages of gross motor functions on functional motor impairment in children with cerebral palsy**  
KARA O. K., MUTLU A., GUNEL M. K., LİVANELİOĞLU A.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.47, no.3, pp.193-198, 2012 (Journal Indexed in SCI)
- XX. **Agreement between parents and clinicians for the motor functional classification systems of children with cerebral palsy**  
MUTLU A., KARA O. K., GUNEL M. K., KARAHAN S., LİVANELİOĞLU A.  
DISABILITY AND REHABILITATION, vol.33, no.11, pp.927-932, 2011 (Journal Indexed in SCI)
- XXI. **The importance of motor functional levels from the activity limitation perspective of ICF in children with cerebral palsy**  
MUTLU A., Akmese P. P., GUNEL M. K., KARAHAN S., LİVANELİOĞLU A.  
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, vol.33, no.4, pp.319-324, 2010 (Journal Indexed in SSCI)
- XXII. **COMPARISON OF GROSS MOTOR AND MANUAL ABILITY FUNCTIONS IN CHILDREN WITH SPASTIC AND DYSKINETIC CEREBRAL**  
MUTLU A., KAYA KARA Ö., KEREM GÜNEL M., LİVANELİOĞLU A.  
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.14, no.6, pp.553, 2010 (Journal Indexed in SCI)
- XXIII. **Assessment of "general movements" in high-risk infants by Prechtl analysis during early intervention period in the first year of life**  
MUTLU A., LİVANELİOĞLU A., KORKMAZ A.  
TURKISH JOURNAL OF PEDIATRICS, vol.52, no.6, pp.630-637, 2010 (Journal Indexed in SCI)
- XXIV. **Investigation of interobserver reliability of the Gillette Functional Assessment Questionnaire in children with spastic diparetic cerebral palsy**  
GUNEL M. K., Tarsuslu T., MUTLU A., LİVANELİOĞLU A.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.44, no.1, pp.63-69, 2010 (Journal Indexed in SCI)
- XXV. **Relationship among the Manual Ability Classification System (MACS), the Gross Motor Function Classification System (GMFCS), and the functional status (WeeFIM) in children with spastic cerebral palsy**  
GUNEL M. K., MUTLU A., TARSUSLU T., LİVANELİOĞLU A.  
EUROPEAN JOURNAL OF PEDIATRICS, vol.168, no.4, pp.477-485, 2009 (Journal Indexed in SCI)
- XXVI. **Treadmill training with partial body-weight support in children with cerebral palsy: a systematic review**  
MUTLU A., Krosschell K., SPIRA D. G.  
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.51, no.4, pp.268-275, 2009 (Journal Indexed in SCI)
- XXVII. **Reliability of ashworth and modified ashworth scales in children with spastic cerebral palsy**  
MUTLU A., LİVANELİOĞLU A., GUNEL M. K.

BMC MUSCULOSKELETAL DISORDERS, vol.9, 2008 (Journal Indexed in SCI)

XXVIII. **Intra-individual consistency in the quality of neonatal general movements**

Mutlu A., EINSPIELER C., MARSCHIK P. B. , LİVANELİOĞLU A.

NEONATOLOGY, vol.93, no.3, pp.213-216, 2008 (Journal Indexed in SCI)

XXIX. **Reliability of goniometric measurements in children with spastic cerebral palsy**

Mutlu A., Livanelioglu A., GUNEL M. K.

MEDICAL SCIENCE MONITOR, vol.13, no.7, 2007 (Journal Indexed in SCI)

XXX. **Early physiotherapy intervention in premature infants**

YIGIT S., KEREM M., LIVANELIOGLU A., ORAN C., ERDEM G., Mutlu A., TURANLI G., TEKINALP G., YURDAKOK M.

TURKISH JOURNAL OF PEDIATRICS, vol.44, no.3, pp.224-229, 2002 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Early Physiotherapy Interventions in a case with Young Simpson Syndrome and Arthrogryposis Multiplex Congenita A Case Report**  
KINIKLI G. İ. , GÜR G., MUTLU A., KEREM GÜNEL M., ALANAY Y.  
Yeni Tıp Dergisi, vol.29, pp.108-111, 2012 (Other Refereed National Journals)
- II. **Early physiotherapy interventions in a case with the Say/Barber/Biesecker/Young-Simpson type of Ohdo syndrome and arthrogryposis multiplex congenita**  
KINIKLI G. İ. , GÜR G., MUTLU A., KEREM GÜNEL M., ALANAY Y.  
Yeni Tıp Dergisi, vol.29, no.2, pp.108-111, 2012 (Other Refereed National Journals)
- III. **A comparison of quality of life in children with cerebral palsy and neuromuscular diseases**  
Karaduman A., YILMAZ Ö., TÜZÜN E. H. , KEREM GÜNEL M., Aras B., Mutlu A., Tarsuslu T., ARAS Ö.  
TURKISH JOURNAL OF PHYSIOTHERAPY REHABILITATION-FIZYOTERAPI REHABILITASYON, vol.21, no.1, pp.3-10, 2010 (Journal Indexed in ESCI)
- IV. **The evaluation of home exercise program efficiency in children with cerebral palsy**  
MUTLU A., Tarsuslu T., KEREM GÜNEL M., LİVANELİOĞLU A.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.42, no.3, pp.112-116, 2007 (Journal Indexed in ESCI)
- V. **An investigation of parents' problems according to motor functional level of children with cerebral palsy**  
KEREM GÜNEL M., MUTLU A., Livaneliou A.  
TURKISH JOURNAL OF PHYSIOTHERAPY REHABILITATION-FIZYOTERAPI REHABILITASYON, vol.18, no.2, pp.51-58, 2007 (Journal Indexed in ESCI)
- VI. **Outcomes of physical therapy in children with cerebral palsy: a pilot study**  
Kisioglu S., Kalan P., Cetin G., Akcay B., MUTLU A.  
TURKISH JOURNAL OF PHYSIOTHERAPY REHABILITATION-FIZYOTERAPI REHABILITASYON, vol.18, no.1, pp.42-46, 2007 (Journal Indexed in ESCI)
- VII. **Effect of structural foot deformities on foot function in the elderly**  
Kavlak Y., Simsek E., Erel S., MUTLU A., BEK N., YAKUT Y., Uygur F.  
TURKISH JOURNAL OF PHYSIOTHERAPY REHABILITATION-FIZYOTERAPI REHABILITASYON, vol.17, no.2, pp.84-88, 2006 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **General movements assessment in infants with spinal muscular atrophy: a pilot study**  
YARDIMCI LOKMANOĞLU B., BULUT N., AYDIN G., SIRTBAŞ G., KABAKCI F., PORSNOK D., MUTLU A., GÜRBÜZ İ., TOPALOĞLU H. A. , YILMAZ Ö., et al.  
24th International Congress of the World Muscle Society, KOPENHAG, Denmark, 1 - 05 October 2019, vol.29,

- II. **Assessment of motor repertoire and neurodevelopmental level in infants with cystic fibrosis: a follow-up study**  
TEKERLEK H., YARDIMCI LOKMANOĞLU B. N. , MUTLU A., İNAL İNCE D., Ozcelik U.  
European-Respiratory-Society (ERS) International Congress, Madrid, Spain, 28 September - 02 October 2019, vol.54
- III. **Spinal Musküler atrofi bebelerde general movements ve motor performansı değerlendirmesi: pilot çalışma**  
BULUT N., YARDIMCI LOKMANOĞLU B., AYDIN G., SIRTBAŞ G., KABAKCI F., PORSNOK D., MUTLU A., GÜRBÜZ İ., KARADUMAN A. A. , YILMAZ Ö.  
7. Ulusal Fizyoterapi ve Rehabilitasyon Kongresi, Ankara, Turkey, 18 - 20 April 2019, vol.30, pp.83
- IV. **THE EFFECT OF FUNCTIONAL LEVEL ON LOWER EXTREMITY DEFORMITYIN CHILDREN WITH DMD**  
ALKAN H., MUTLU A., ÇİFTÇİ N., FIRAT T., KARADUMAN A. A. , YILMAZ Ö.  
III. Uluslararası Bütünleşik Sağlık ve Bakım Kongresi, 29 November - 02 December 2017
- V. **More than JUST Education – cultural diversity expertise one goal**  
KARADUMAN A. A. , AKSU YILDIRIM S., İNAL İNCE D., BAYRAKCI TUNAY V., MUTLU A., ÜLGER Ö., Kim C., Davies H., Nazal M., Kahlil H.  
European Network of PhysioTherapy in Higher Education, 22 - 23 September 2017
- VI. **FARKLI SEVİYELERDEKİ DMD'Lİ VE SAĞLIKLI ÇOCUKLARIN FONKSİYONEL KAPASİTE VE PERFORMANSINDAN SONRA KALP HIZLARININ KARŞILAŞTIRILMASI**  
ALKAN H., MUTLU A., SEYHAN K., KARADUMAN A. A. , YILMAZ Ö.  
Adnan Menderes Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, 29 June - 01 July 2017
- VII. **Duchenne Musküler Distrofi li ve sağlıklı çocukların yorgunluklarının ebeveyn fizyoterapist ve çocuk gözüyle değerlendirilmesi**  
ALKAN H., BULUT N., MUTLU A., YILMAZ Ö., KARADUMAN A. A.  
XVI. Fizyoterapide Gelişmeler Kongresi, 21 - 24 April 2016
- VIII. **Perceptions of family needs in mothers of children with physical disabilities**  
Akmese P. P. , MUTLU A., Kayhan N.  
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.1122-1124
- IX. **Assessment of social development and abilities in children with mental disabilities**  
GÜNDER E. E. , Akmese P. P. , MUTLU A.  
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.1537-1540
- X. **Does the receptive language development affect the functional Independence levels in children with Cerebral Palsy?**  
MUTLU A., Akmese P. P. , Kayhan N.  
4th World Conference on Educational Sciences (WCES), Barcelona, Spain, 2 - 05 February 2012, vol.46, pp.1125-1128
- XI. **Türkiye de Özel Gereksinimi Olan Çocuğa Sahip Aileler için Eğitimin Etkileri Bir Ulusal Proje Çalışması**  
KARADUMAN A. A. , YILMAZ Ö., YAKUT Y., MERİÇ A., KAYIHAN H., LİVANELİOĞLU A., ARAS Ö., ARAS B., ASLAN TELCİ E., ŞİMŞEK İ. E. , et al.  
ULUSLARARASI KATILIMLI 1. ULUSAL GELİŞİMSEL PEDİATRİ KONGRESİ 2011, Ankara, Turkey, 7 - 09 April 2011
- XII. **Investigation of depression levels of mothers with physically handicapped children**  
Akmese P. P. , Kayhan N., MUTLU A.  
3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2162-2164
- XIII. **Comparison of the family environment perception levels of the mothers who have physically handicapped children in preschool and primary school period**  
Akmese P. P. , Kayhan N., MUTLU A.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2159-2161

- XIV. **İnkontinensia pigmenti Bloch Sulzberger Sendromu Olgusu Sunumu**  
KAYA KARA Ö., MUTLU A., GÜVENDİK G. İ. , KEREM GÜNEL M., LİVANELİOĞLU A.  
1. Ulusal Pediatrik Rehabilitasyon Kongresi, İstanbul, Turkey, 8 - 10 October 2009, vol.20, pp.239
- XV. **Young Simpson Sendromuna Eşlik Eden Artrogripozisli Bir Olguda Fizyoterapi Uygulamaları**  
KINIKLI G. İ. , KAYA KARA Ö., MUTLU A., KEREM GÜNEL M.  
1. Ulusal Pediatrik Rehabilitasyon Kongresi, İstanbul, Turkey, 8 - 10 October 2009, vol.20, pp.238
- XVI. **Hacettepe Üniversitesi Serebral Palsi Ünitesine Baş Vuran Hasta Profilleri**  
KAYA KARA Ö., GÜVENDİK G. İ. , MUTLU A., KEREM GÜNEL M., LİVANELİOĞLU A.  
3.Ulusal Serebral Paralizi ve Gelişimsel Bozukluklar Kongresi, İstanbul, Turkey, 13 - 14 November 2009
- XVII. **Farklı Özür Seviyelerindeki Serebral Palsi li Çocuklarda Eşlik Eden Problemlerin İncelenmesi**  
KAYA KARA Ö., MUTLU A., GÜVENDİK G. İ. , KEREM GÜNEL M., LİVANELİOĞLU A.  
3. Ulusal Serebral Paralizi ve Gelişimsel Bozukluklar Kongresi, İstanbul, Turkey, 13 - 14 November 2009
- XVIII. **Investigating the effects of family education in disabled children in Turkey**  
KARADUMAN A. A. , YILMAZ Ö., YAKUT Y., MERİÇ A., KAYIHAN H., LİVANELİOĞLU A., ARAS Ö., ASLAN TELCİ E., ŞİMŞEK İ. E. , MUTLU A., et al.  
13th International Congress of The World Muscle Society, 29 September - 02 October 2008, vol.18, pp.821

## Supported Projects

KARADUMAN A. A. , ALEMDAROĞLU İ., GÜNEY DENİZ H., TURGUT E., BAYRAKCI TUNAY V., İNAL İNCE D., AYHAN Ç., SEREL ARSLAN S., AYYAT F., MUTLU A., et al., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Sağlık Bilimleri Fakültesi Fizyoterapi ve Rehabilitasyon Bölümü Lisans Eğitim Programının Akreditasyon Çalışması, 2017 - 2019

MUTLU A., LİVANELİOĞLU A., KARADUMAN A. A. , ALKAN H., TOPRAK E. O. , BİTİRGEN O. B. , YEKEBAĞCI İ. B. , ARSLAN C., YÜKSEL S. E. , YARDIMCI B. N. , Project Supported by Higher Education Institutions, SEREBRAL PALSİLİ ÇOCUKLARDA SANAL GERÇEKLİK SİSTEMİNİN GERÇEKLEŞTİRİLMESİ, 2017 - 2018

ÜLGER Ö., CEREN A. N. , ALKAN H., KARA D., FİL BALKAN A., DÜZGÜN İ., ÖZKAL Ö., MUTLU A., KARADUMAN A. A. , DEMİREL A., et al., Project Supported by Higher Education Institutions, Aktif Hacettepe, 2014 - 2017

MUTLU A., KAYA KARA Ö., LİVANELİOĞLU A., YARDIMCI B. N. , Project Supported by Higher Education Institutions, RİSKLİ BEBEKLERDE ERKEN FİZYOTERAPİ VE REHABİLİTASYON ÜNİTESİNİN İNOVASYONUNDA YENİ EKİPMAN GEREKSİNİMİ, 2015 - 2016

## Citations

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