

CURRICULUM VITAE AND LIST OF ARTICLES

CV

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Foreign Languages: English

Field of Specialization: Physiotherapy and Rehabilitation

Degree	Department/Program	University	Year
Bachelor's degree	Physiotherapy and Rehabilitation	Muğla Sıtkı Koçman University	2018
Master's Degree	Physiotherapy and Rehabilitation	Ege University	2022
Doctorate	Physiotherapy and Rehabilitation	Süleyman Demirel University	Continues

Master's Thesis Title and Thesis Advisor: The Effect of Telerehabilitation-Based Exercise and Training Combination on Pain, Function, Balance, Proprioception and Quality of Life in Patients with Knee Osteoarthritis / Assoc. Prof. Dr. Serkan BAKIRHAN

Positions:

Position Title	Place of Job	Year
Military service/reserve officer/physiotherapist	Diyarbakır 8th Main Jet Base Command, TSK Primary Family Health Center	2019-2020
Physiotherapist	Private Zeynep Ceylan Special Education and Rehabilitation Center	2021-2024
Research Assistant	Antalya Bilim University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation	2024-Continues

Roles in Projects:

TUBITAK 1002 Project “Development of Video Exercise Mobile Application for Knee Osteoarthritics and Investigation of its Effectiveness” with project number “123S170”.

Associate, undergraduate and graduate level courses given in the last two years (If opened, courses given in the summer semester will also be added to the table):

Academic Year	Semester	Lesson Name	Hours per week		Number of Students
			Theoretical	Practice	
-	Fall				
	Spring				
-	Fall				
	Spring				

ARTICLES

A. Full-text article published in journals indexed by SCI or SCI Expanded, SSCI, AHCI:

A1. Özden, F., Golcuk, Y., **Tümtürk, İ.**, & Özkeskin, M. (2024). The Effects of Telerehabilitation-Based Exercise Therapy on Motor and Non-Motor Clinical Outcomes in Adults With Facial Palsy: A Randomized Controlled Trial. *Perceptual and Motor Skills*, 00315125241284677.

A2. Özden, F., Özkeskin, M., Ezgin, B. D., **Tümtürk, İ.**, Karaman, B., Şirin, H. (2024). Telerehabilitation-based training to improve balance confidence, falls efficacy, functional independence in individuals with stroke: a randomized controlled trial. *Neurology Asia*, 28(2), 341-349.

A3. Özden, F., Özkeskin, M., Ekici, E., **Tümtürk, İ.**, Ekmekçi, Ö., Yüceyar, N. (2024). Opinions, satisfaction and expectations of individuals with multiple sclerosis about telerehabilitation services. *Clinical Neurology and Neurosurgery*, 237, 108162.

A4. Özden, F., Güçlü, B., **Tümtürk, İ.**, Doğrukök, Ö. N., İmerci, A., & Tuğay, B. U. (2024). The effect of visual feedback-based clinical monitoring application in patients with chronic low back pain: a randomized controlled trial. *European Spine Journal*, 1-12.

A5. Özden, F., Uysal, İ., **Tümtürk, İ.**, & Özyer, F. (2024). Investigation of Reaction Time, Proprioception, and Shaped Pathway Walking Performance in Older Patients with Total Knee Arthroplasty. *Journal of the American Medical Directors Association*, 25(1), 112-117.

A6. Özden, F., Özkeskin, M., **Tümtürk, İ.**, & Kılınç, C. Y. (2023). The effect of exercise and education combination via telerehabilitation in patients with chronic neck pain: A randomized controlled trial. *International Journal of Medical Informatics*, 180, 105281.

A7. Özden, F., Uysal, İ., **Tümtürk, İ.**, & Özkeskin, M. (2023). Investigation of Motor Activity, Movement Kinematics and Forward-Backwards Gait in Children with Cerebral Palsy. *Perceptual and Motor Skills*, 130(5), 2000-2014.

A8. Uysal, İ., Özden, F., **Tümtürk, İ.**, & İmerci, A. (2023). The effectiveness of dual task exercise training on balance, mobility, physical performance, and quality of life in children with cerebral palsy: a single-blind randomized controlled trial. *Irish Journal of Medical Science (1971-)*, 1-9.

A9. **Tümtürk, İ.**, Bakırhan, S., Özden, F., Gültaç, E., & Kılınç, C. Y. (2023). The Effect of Telerehabilitation-Based Exercise and Education on Pain, Function, Strength, Proprioception and Psychosocial Parameters in Patients with Knee Osteoarthritis: A Randomized Controlled Clinical Trial. *American Journal of Physical Medicine & Rehabilitation*, 10-1097.

A10. Özden, F., Özkeskin, M., **Tümtürk, İ.**, & Yüceyar, N. (2023). Comparison of physical performance, gait, balance, falls efficacy, and step reaction time in individuals with multiple sclerosis. *Clinical neurology and neurosurgery*, 232, 107872.

A11. Özden, F., **Tümtürk, İ.**, Özkeskin, M., & Bakırhan, S. (2023). The effect of pelvic floor muscle training on urinary incontinence in patients with stroke: a systematic review and meta-analysis. *Irish Journal of Medical Science (1971-)*, 192(3), 1481-1495.

A12. Özden, F., Özkeskin, M., **Tümtürk, İ.**, & Yalçın, M. (2023). The investigation of cognition, proprioception, sensory and physical function in stroke patients with urinary incontinence. *International Urology and Nephrology*, 1-6.

A13. Özden, F., **Tümtürk, İ.**, & Sarı, Z. (2022). Psychometric properties of the Facial Disability Index in patients with facial palsy: a systematic review and meta-analysis. *Neurological Sciences*, 43(7), 4157-4165.

B. Full-text articles published in journals indexed by international indexes other than SCI or SCI Expanded, SSCI, AHCI:

B1. Özden, F., Uysal, İ., **Tümtürk, İ.**, Özkeskin, M., Özyer, F. (2024). Does backward gait require more proprioception and balance in older adults after total knee arthroplasty? *Journal of Orthopaedics*, 54, 86-89.

B2. Uysal, İ., Özden, F., Tuna, S., & **Tümtürk, İ.** (2023). Psychometric properties of the Edinburgh Visual Gait Score in children with spastic cerebral palsy. *Egyptian Pediatric Association Gazette*, 71(1), 1-7.

B3. Özden, F., & **Tümtürk, İ.** (2023). Physical Performance-Based Outcome Measures in Total Hip Arthroplasty Patients: COSMIN-Based Systematic Review. *Physical & Occupational Therapy In Geriatrics*, 41(3), 415-431.

B4. Özden, F., Özkeskin, M., **Tümtürk, İ.**, & Ezgin, B. D. (2023). The Effect of Kinesio Taping on Shoulder Symptoms in Patients with Stroke: A Systematic Review. *Physical & Occupational Therapy In Geriatrics*, 41(1), 102-127.

B5. Özden, F., **Tümtürk, İ.**, Yuvakgil, Z., & Sarı, Z. (2022). The effectiveness of physical exercise in patients with lumbar spinal stenosis: a systematic review. *Sport Sciences for Health*, 18(4), 1129-1140.

B6. Özden, F., & **Tümtürk, İ.** (2022). Performance-Based Outcome Measures in Total Knee Arthroplasty: A Systematic Review. *Physical & Occupational Therapy In Geriatrics*, 40(3), 241-260.

C. Articles published in national refereed journals indexed by ULAKBIM:

C1. Uysal, İ., Özden, F., **Tümtürk, İ.**, Özkeskin, M., Özyer, F. (2024). Investigation of the Relationship Between Exercise Barriers, Quality of Life, Physical Performance, and Range of Motion in Patients with Total Hip Arthroplasty. *Medical Records*, 6(2), 296-301.

C2. Özden, F., Uysal, İ., **Tümtürk, İ.**, İmerci, A. (2024). Effect of Ankle Distortion Taping on Balance, Gait, Function, Spasticity and Quality of Life in Cerebral Palsy Cases with Varus Deformity: A Randomized Controlled Trial. *Journal of Basic and Clinical Health Sciences*, 8(1), 55-64.

C3. Uysal, İ., Özden, F., Özkeskin, M., **Tümtürk, İ.**, Yücekaya, B., Kılınç, C.Y. (2024). The Effect of Telehealth-Based Rehabilitation on Patient Reported Outcomes and Objective Clinical Measurements in Patients With Degenerative Meniscal Tear. *Medical Records*, 6(2), 201-211.

C4. Özden, F., Uysal, İ., **Tümtürk, İ.**, Özkeskin, M., & İmerci, A. (2023). Serebral Palsili Çocuklarda Femoral İç Rotasyon Deformitesinde Derotasyon Bantlamasının Etkinliği: Randomize Kontrollü Çalışma. *Ege Tıp Dergisi*, 62(4), 522-530.

C5. Özden, F., Özkeskin, M., **Tümtürk, İ.**, & Ezgin, B. (2023). Boyun ağrısı olan hastalarda kinezyo bantlamanın etkinliği: sistematik derleme. *Sağlık Hizmetleri ve Eğitimi Dergisi*, 7(1), 15-27.

C6. Özden, F., Özkeskin, M., **Tümtürk, İ.**, Özlek, E., & Özlek, B. (2023). The Investigation of Kinesiophobia, Pain Catastrophizing, Physical Activity, Anxiety, and Depression in Patients with Myocardial Infarction. *Journal of Basic and Clinical Health Sciences*, 7(2), 684-692.

C7. **Tümtürk, İ.**, Özden, F., & Özkeskin, M. (2021). Fiziksel Aktivite Değerlendirmesi: Subjektif ve Objektif Yöntemler. *Sağlık Hizmetleri ve Eğitimi Dergisi*, 5(2), 53-60.

D. Presentations presented verbally in scientific and artistic meetings such as congresses, symposiums, panels, workshops and published as abstracts:

D1. Özyer, F., Uysal, İ., Özden, F., **Tümtürk, İ.**, Özkeskin, M. (2024). Total Kalça Artroplastili Hastalarda Egzersiz Bariyerleri, Fiziksel Performans ve Eklem Hareket Açıklığı Arasındaki İlişkinin Araştırılması. 7th International Health Science and Life Congress, 60.

D2. Özden, F., Uysal, İ., **Tümtürk, İ.**, Özyer, F. (2023). Total Diz Artroplastisi Uygulanılan Bireylerde Reaksiyon Zamanı ile Fiziksel Performans Arasındaki İlişkinin İncelenmesi. 9. Ulusal Fizyoterapi ve Rehabilitasyon Kongresi.

D3. Özden, F., Bingöl, E., **Tümtürk, İ.** (2023). Investigation of Exercise-Related Leg Pain, Fear of Pain, Kinesiophobia and Injury Anxiety in Athletes. II. International Sport and Health Researches Congress, 71-72. ISBN: 978-605-72893-6-0

D4. Özden, F., **Tümtürk, İ.**, Karaibrahimoğlu, A. (2023). The Construct and Discriminant Validity of the Turkish Version of the Johns Hopkins Fall Risk Assessment Tool in Older Adults. 4th International ACHARAKA Congress on Medicine, Nursing, and Health Sciences, 89-90. ISBN: 978-625-6879-10-2

D5. **Tümtürk, İ.**, Bakırhan, S., Özden, F., Gültaç, E., & Kılınc, C. Y. (2022). The Effect of Telerehabilitation-Based Exercise and Education on Pain, Function and Proprioception in Patients With Knee Osteoarthritis. 6th International Congress on Life, Social, and Health Sciences in A Changing World, 210. ISBN: 978-605-71461-9-9

E. Authored national/international books or chapters in books:

E1. **Tümtürk, İ.**, Bakırhan, S. (2024). Telerehabilitation Methods in Orthopedic Rehabilitation. In: Özden, F., Sari, Z., Tuğay, N. (eds) Telerehabilitation. TELe-Health. Springer, Cham. https://doi.org/10.1007/978-3-031-69080-8_2

E2. **Tümtürk, İ.**, Başkurt, F. (2024). Teleassessment Methods in Geriatric Rehabilitation. In: Özden, F., Sari, Z., Tuğay, N. (eds) Telerehabilitation. TELe-Health. Springer, Cham. https://doi.org/10.1007/978-3-031-69080-8_9