

## **Asst. Prof. Necati Muhammed Tat**

### **Personal Information**

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**Address:** Van Yüzüncü Yıl üniversitesi Sağlık Bilimleri Fakültesi Kampüs/VAN

### **International Researcher IDs**

ORCID: 0000-0001-5858-2718

Yoksis Researcher ID: 34236

### **Education Information**

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., Turkey 2014 - 2019

Postgraduate, Van Yüzüncü Yıl University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli) (Tıp), Turkey 2010 - 2013

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, Turkey 2004 - 2008

### **Foreign Languages**

English, C1 Advanced

### **Certificates, Courses and Trainings**

Health&Medicine, Physiotherapy School for Haemophilia, Türkiye Hemofili Derneği ve Hemofili Federasyonu, 2018

### **Dissertations**

Doctorate, Effectiveness of manual therapy on lower extremity jointarthropathy in patients with hemophilia, Hacettepe University, Sağlık Bilimleri Enstitüsü, Fizyoterapi Ve Rehabilitasyon A.B.D., 2019

Postgraduate, Investigation of biochemical and histopathological effects of vitamin C, selenium and therapeutical ultrasound application on muscular injury formed in rats, Van Yüzüncü Yıl University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli) (Tıp), 2013

### **Research Areas**

Physical therapy and rehabilitation

### **Academic Titles / Tasks**

Assistant Professor, Van Yüzüncü Yıl University, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, 2021 - Continues

Lecturer PhD, Necmettin Erbakan University, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, 2019 - 2021

Lecturer, Necmettin Erbakan University, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, 2013 - 2019

## Academic and Administrative Experience

Vice Dean, Van Yüzüncü Yıl University, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, 2022 - Continues  
Head of Department, Van Yüzüncü Yıl University, Sağlık Bilimleri Fakültesi, Fizyoterapi ve Rehabilitasyon Bölümü, 2021 - 2022

Deputy Head of Department, Necmettin Erbakan University, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, 2019 - 2021

Deputy Head of Department, Necmettin Erbakan University, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, 2016 - 2017

Head of Department, Necmettin Erbakan University, Faculty Of Health Sciences, Department Of Physical Therapy And Rehabilitation, 2015 - 2015

## Courses

HEAT-LIGHT-HYDROTHERAPY, Undergraduate, 2021 - 2022

Introduction to physiotherapy and rehabilitation and ethical principles, Undergraduate, 2021 - 2022

Seminer II, Undergraduate, 2020 - 2021

ROMATOLOJİK REHABİLİTASYON, Undergraduate, 2020 - 2021

Seminer I, Undergraduate, 2020 - 2021

KARDİYOPULMONER REHABİLİTASYON , Undergraduate, 2020 - 2021

Undergraduate, 2020 - 2021

Elektroterapi II, Undergraduate, 2019 - 2020

Bel ve Boyun Sağlığı, Undergraduate, 2020 - 2021

Elektroterapi I, Undergraduate, 2019 - 2020

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

- I. **Investigation of the biochemical and histopathological effects of vitamin C, selenium, and therapeutic ultrasound on muscle damage in rats.**  
Tülüce Y., Tat N. M., Kara M., Tat A. M.  
Naunyn-Schmiedeberg's archives of pharmacology, vol.396, no.1, pp.3581-3593, 2023 (SCI-Expanded)
- II. **The effects of manual therapy and exercises on pain, muscle strength, joint health, functionality and quality of life in haemophilic arthropathy of the elbow joint: A randomized controlled pilot study.**  
Tat A. M., CAN F., Tat N. M., ŞAŞMAZ H. İ., Antmen A. B.  
Haemophilia : the official journal of the World Federation of Hemophilia, vol.27, no.3, 2021 (SCI-Expanded)
- III. **The effects of manual therapy on musculoskeletal system, functional level, joint health and kinesiophobia in young adults with severe haemophilia: A randomized pilot study.**  
Tat N. M., CAN F., ŞAŞMAZ H. İ., Tat A. M., Antmen A. B.  
Haemophilia : the official journal of the World Federation of Hemophilia, vol.27, no.2, 2021 (SCI-Expanded)
- IV. **Static postural balance evaluation and an investigation of the relationship with joint health in children with severe haemophilia: a controlled cross-sectional study**  
Tat N. M.  
Haemophilia, vol.27, no.2, pp.245-252, 2021 (SCI-Expanded)

- V. **Investigation of the relationship between hemophilia joint health score and haemophilia early arthropathy detection with ultrasound score in hemophilic arthropathy Hemofilik artropatide hemofili eklem sağlığı skoru ve hemofili erken artropati taraması ultrason skoru arasındaki ilişkinin araştırılması**  
Uğur M. C., TAMSEL İ., Tat N. M., Kavaklı K.  
Türkiye Klinikleri Journal of Medical Sciences, vol.41, no.1, pp.46-50, 2021 (SCI-Expanded)
- VI. **Muscle strength and joint health in children with hemophilia: a cross-sectional study**  
Tat N. M.  
Turkish Journal Of Pediatrics, vol.62, no.4, pp.606-613, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Correlations Between Joint Health, Functionality, and MRI Score in Hemophilic Arthropathy of The Elbow Joint: Cross-Sectional Study**  
Tat A. M., Özkan S., Tat N. M., Karaman K., Öner A. F.  
Eastern Journal of Medicine, vol.28, no.1, pp.51-58, 2023 (Scopus)
- II. **Correlations between hemarthrosis, physical assessments and functionality of upper extremity in hemophilic arthropathy of the elbow**  
Tat N. M.  
Journal of Exercise Therapy and Rehabilitation, vol.7, no.3, pp.260-266, 2020 (Peer-Reviewed Journal)
- III. **Effect of physiotherapy and dynamic orthosis in hemophilia patient with advanced elbow arthropathy: a case report**  
Tat N. M.  
Journal of Exercise Therapy and Rehabilitation, vol.6, no.2, pp.125-130, 2019 (Peer-Reviewed Journal)
- IV. **Investigation of the effects of depression on the functional capacity, swallowing function and quality of life in geriatric individuals in the nursing home**  
Tat N. M.  
International Journal of Human Sciences, vol.16, no.4, pp.968-977, 2019 (Peer-Reviewed Journal)
- V. **Investigation of physical activity and academic achievement status of students of faculty of health sciences**  
Tat N. M.  
Adnan Menderes Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.1, no.3, pp.101-105, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Hemofilide Kullanılan Eklem Skorları**  
Tat N. M.  
in: Her Yaşta "hemofili" Bilgi...Veri...Yorum..., Aydan Akdeniz, Volkan Karakuş, Bülent Antmen, Fahri Şahin, Editor, Nobel Yayınevi, Ankara, pp.188-202, 2022
- II. **Tedavi**  
Tat N. M.  
in: Masaj Notları Değerlendirme ve Tedavi Cep Rehberi, Özlem Akkoyun Sert, Editor, Hipokrat Yayınevi, Ankara, pp.248-290, 2019

## Memberships / Tasks in Scientific Organizations

Orthopedic Physiotherapists Association, Board Member, 2016 - Continues, Turkey

Turkish Physiotherapists Association, Member, 2016 - Continues, Turkey

## Scientific Refereeing

HAEMOPHILIA, SCI Journal, October 2021

HAEMOPHILIA, SCI Journal, June 2020

## Metrics

Publication: 13

Citation (Scopus): 3

H-Index (Scopus): 1

## Non Academic Experience

Private Hospital, MEDLİNE KONYA HASTANESİ, FİZİK TEDAVİ VE REHABİLİTASYON

ÖZEL KONYA MEDLİNE HASTANESİ

Hospital, TSK BİLKENT REHABİLİTASYON MERKEZİ, FİZİK TEDAVİ VE REHABİLİTASYON

Hospital, TSK GİRNE ASKERİ HASTANE, FİZİK TEDAVİ VE REHABİLİTASYON

TSK BİLKENT REHABİLİTASYON MERKEZİ

GİRNE ASKERİ HASTANE

Business Establishment Private, ÖZEL KARDELEN FİZİK TEDAVİ VE REHABİLİTASYON MERKEZİ, FİZİK TEDAVİ VE REHABİLİTASYON

VAN EĞİTİM VE ARAŞTIRMA HASTANESİ KARDELEN FİZİK TEDAVİ VE REHABİLİTASYON MERKEZİ