

## Prof. PINAR BORMAN

### Personal Information

Office Phone: [+90 312 395 1574](tel:+903123951574)

Office Phone: [+90 312 305 1575](tel:+903123051575)

Fax Phone: [+90 312 310 5769](tel:+903123105769)

Email: [pinarborman@hacettepe.edu.tr](mailto:pinarborman@hacettepe.edu.tr)

Web: <https://www.drpinarborman.org.tr>

Address: Hacettepe Üniversitesi Tıp Fakültesi Fiziksel Tıp ve Rehabilitasyon Anabilim Dalı

### Education Information

Post Doctorate, Hacettepe University, Kastamonu Tıp Fakültesi, Fiziksel Tıp Ve Rehabilitasyon, Turkey 2012 - Continues  
Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Fiziksel Tıp Ve Rehabilitasyon, Turkey 1993 - 1998

### Foreign Languages

English, C1 Advanced

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Physical Medicine and Rehabilitation

### Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2016 - Continues

Professor, Hacettepe University, Kastamonu Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2012 - 2016

### Academic and Administrative Experience

Hacettepe Üniversitesi, Kastamonu Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2014 - 2016

### Courses

soft tissue rheumatic diseases, Undergraduate, 2017 - 2018

yumuşak doku romatizmaları, Undergraduate, 2017 - 2018, 2016 - 2017

soft tissue rheumatism, Undergraduate, 2016 - 2017

### Advising Theses

BORMAN P., MEME KANSERİ İLİŞKİLİ LENFÖDEMİ OLAN HASTALARDA FARKLI BANDAĞLAMA YÖNTEMLERİNİN

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

- I. **WHAT AWAITS US AFTER COVID-19? MUSCULOSKELETAL SYSTEM INVOLVEMENT IN THE ELDERLY POPULATION IN TÜRKİYE AND ITS AFTERMATH**  
Gokce-Kutsal Y., Ordu-Gökkaya N. K., KARAHAN S., Irdesel F. J., Paker N., Ay S., Binay-Safer V., Keskin D., COŞKUN BENLİDAYI İ., Sari A., et al.  
Turk Geriatri Dergisi, vol.27, no.1, pp.88-97, 2024 (SCI-Expanded)
- II. **Combined Complete Decongestive Therapy Reduces Volume and Improves Quality of Life and Functional Status in Patients With Breast Cancer-Related Lymphedema**  
Borman P., Yaman A., Yasrebi S., Inanli A. P., Donmez A. A.  
CLINICAL BREAST CANCER, vol.22, no.3, 2022 (SCI-Expanded)
- III. **The current situation in the approach to osteoporosis in older adults in Turkey: areas in need of improvement with a model for other populations**  
Bahat G., ÇATIKKAŞ DEMİR N. M., YAVUZ D., BORMAN P., GÜZEL R., Reginster J. Y.  
ARCHIVES OF OSTEOPOROSIS, vol.16, no.1, 2021 (SCI-Expanded)
- IV. **Lived Experiences for Supportive Care Needs of Women with Breast Cancer-Related Lymphedema: A Phenomenological Study**  
ARIKAN DÖNMEZ A., KURU ALICI N., BORMAN P.  
CLINICAL NURSING RESEARCH, vol.30, no.6, pp.799-808, 2021 (SCI-Expanded)
- V. **The Comparative Efficacy of Conventional Short-Stretch Multilayer Bandages and Velcro Adjustable Compression Wraps in Active Treatment Phase of Patients with Lower Limb Lymphedema**  
Borman P., KOYUNCU E. G., Yaman A., Calp E., Koc F., Sargut R., KARAHAN S.  
LYMPHATIC RESEARCH AND BIOLOGY, vol.19, pp.286-294, 2021 (SCI-Expanded)
- VI. **Neuropathic component of low back pain in patients with ankylosing spondylitis**  
BORMAN P., Kaygisiz F., YAMAN A.  
MODERN RHEUMATOLOGY, vol.31, no.2, pp.462-467, 2021 (SCI-Expanded)
- VII. **Polypharmacy, Physical and Nutritional Status, and Depression in the Elderly: Do Polypharmacy Deserve Some Credits in These Problems?**  
EYİGÖR S., Kutsal Y. G., Toraman F., Durmus B., Gokkaya K. O., AYDENİZ A., Paker N., BORMAN P.  
EXPERIMENTAL AGING RESEARCH, vol.47, no.1, pp.79-91, 2021 (SCI-Expanded)
- VIII. **The efficacy of different bandaging methods in patients with breast cancer-related lymphedema: A prospective, randomized study**  
Yaman A., Borman P., Inanli A., Kul F., KARAHAN S.  
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.67, no.2, pp.155-166, 2021 (SCI-Expanded)
- IX. **ENVIRONMENTAL CHARACTERISTICS OF OLDER PEOPLE ATTENDING PHYSICAL MEDICINE AND REHABILITATION OUTPATIENT CLINICS**  
Beyazova M., Dogan A., Kutsal Y. G., KARAHAN S., Arslan S., Gokkaya K. O., Toraman F., Dincer N., HİZMETLİ S., Senel K., et al.  
CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.28, no.1, pp.33-39, 2020 (SCI-Expanded)
- X. **The Reliability and Validity of Lymphedema Quality of Life Questionnaire-Leg in Turkish Patients with Lower Limb Lymphedema**  
BORMAN P., Yaman A., DENİZLİ M., KARAHAN S.  
LYMPHATIC RESEARCH AND BIOLOGY, vol.18, no.1, pp.42-48, 2020 (SCI-Expanded)
- XI. **LIMPRINT in Specialist Lymphedema Services in United Kingdom, France, Italy, and Turkey**  
Keeley V., Franks P., Quere I., Mercier G., Michelini S., Cestari M., BORMAN P., Hughes A., Clark K., Lisle J., et al.  
LYMPHATIC RESEARCH AND BIOLOGY, vol.17, no.2, pp.141-146, 2019 (SCI-Expanded)

- XII. **LIMPRINT Study: The Turkish Experience**  
BORMAN P., Moffatt C., Murray S., Yaman A., Denizli M., Dalyan M., Unsal-Delialioglu S., EYİĞÖR S., Ayhan F., Cakit B. D., et al.  
LYMPHATIC RESEARCH AND BIOLOGY, vol.17, no.2, pp.202-210, 2019 (SCI-Expanded)
- XIII. **Neuropathic Pain in Patients with Knee Osteoarthritis (Preliminary Report)**  
BORMAN P., Kaygisiz F., YAMAN A.  
ARTHRITIS & RHEUMATOLOGY, vol.70, 2018 (SCI-Expanded)
- XIV. **Pharmacological and Non-Pharmacological Approaches in a Group of Osteoporotic Patients Referring to a Rehabilitation out-Patient Clinic**  
BORMAN P., KOYUNCU E. G., YAMAN A., Parlak M.  
ARTHRITIS & RHEUMATOLOGY, vol.70, 2018 (SCI-Expanded)
- XV. **UPPER EXTREMITY FUNCTION IN ELDERLY PATIENTS WITH BREAST CANCER-RELATED LYMPHEDEMA: A DESCRIPTIVE STUDY**  
ÖZDEMİR O., BORMAN P., YAMAN A.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.21, no.2, pp.134-142, 2018 (SCI-Expanded)
- XVI. **The reliability and validity of Lymphedema Quality of Life Questionnaire-Arm in Turkish patients with upper limb lymphedema related with breast cancer**  
BORMAN P., YAMAN A., DENİZLİ M., KARAHAN S., ÖZDEMİR O.  
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.64, no.3, pp.205-212, 2018 (SCI-Expanded)
- XVII. **Lymphedema diagnosis, treatment, and follow-up from the view point of physical medicine and rehabilitation specialists**  
BORMAN P.  
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.64, no.3, pp.179-197, 2018 (SCI-Expanded)
- XVIII. **An unusual coexistence of lymphedema with myotonic dystrophy: The effect of complex decongestive therapy**  
BORMAN P., YAMAN A., Calp E.  
JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION, vol.31, no.2, pp.411-413, 2018 (SCI-Expanded)
- XIX. **The Importance of Awareness and Education in Patients with Breast Cancer-Related Lymphedema**  
BORMAN P., YAMAN A., Yasrebi S., ÖZDEMİR O.  
JOURNAL OF CANCER EDUCATION, vol.32, no.3, pp.629-633, 2017 (SCI-Expanded)
- XX. **A Multicenter Pilot Study of Burden Among Caregivers of Geriatric Rehabilitation Patients With Neuromusculoskeletal Diseases**  
BORMAN P., Gokce-Kutsal Y., Terzioglu F., Okumus M., Ceceli E., KARAHAN S., Senel K., Gokkaya K. O., Dogan A., Eskiuyurt N., et al.  
REHABILITATION NURSING, vol.42, no.4, pp.199-209, 2017 (SCI-Expanded)
- XXI. **NEUROPATHIC PAIN IN ELDERLY: A MULTICENTER STUDY**  
Kutsal Y. G., EYİĞÖR S., Dogan A., Zardoust S., Durmus B., Evcik D., Gunaydin R., ŞAHİN N., AYDENİZ A., Oztop P., et al.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.19, no.1, pp.9-18, 2016 (SCI-Expanded)
- XXII. **The effect of hip and knee exercises on pain, function, and strength in patients with patellofemoral pain syndrome: a randomized controlled trial**  
Sahin M., Ayhan F. F., BORMAN P., Atasoy H.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.2, pp.265-277, 2016 (SCI-Expanded)
- XXIII. **Rheumatic Diseases and Their Treatment with Anti-Rheumatic Drugs during Pregnancy**  
BORMAN P., ÖZDEMİR O.  
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.61, no.4, pp.358-365, 2015 (SCI-Expanded)
- XXIV. **The Comparative Efficacy of Dry Needling, Kinesio Taping and Physical Therapy in Patients with Myofascial Pain Syndrome**

- Gumustepe A, BORMAN P, Kaygisiz F, Ayhan F, Karagoz A.  
ARTHRITIS & RHEUMATOLOGY, vol.67, 2015 (SCI-Expanded)
- XXV. **Neuropathic Pain in Patients with Rheumatoid Arthritis: Relation with Clinical Variables**  
Kaygisiz F, BORMAN P, Karagoz A.  
ARTHRITIS & RHEUMATOLOGY, vol.67, 2015 (SCI-Expanded)
- XXVI. **Frailty prevalence and related factors in the older adult-FrailTURK Project.**  
Eyigör S, KUTSAL F. Y., Duran E, Huner B, Paker N, Durmus B, Sahin N, Civelek G. M., Gokkaya K, Dogan A, et al.  
Age (Dordrecht, Netherlands), vol.37, no.3, pp.9791, 2015 (SCI-Expanded)
- XXVII. **Role of Electrical Stimulation Added to Conventional Therapy in Patients with Idiopathic Facial (Bell) Palsy**  
Tuncay F, BORMAN P, Taser B, Unlu I, Samim E.  
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.94, no.3, pp.222-228, 2015 (SCI-Expanded)
- XXVIII. **Characteristics of Patients With Rheumatoid Arthritis in Turkey: Results From the Turkish League Against Rheumatism Rheumatoid Arthritis Registry**  
Bal A, Ataman S, Bodur H, Rezvani A, Paker N, TAŞTEKİN N, Karatepe A. G., BORMAN P, Yener M, Nas K, et al.  
ARCHIVES OF RHEUMATOLOGY, vol.30, no.1, pp.16-22, 2015 (SCI-Expanded)
- XXIX. **The Comparative Efficacy of Kinesio Taping and Local Injection Therapy in Patients with Subacromial Impingement Syndrome.**  
Goksu H, BORMAN P, TUNCAY F.  
ARTHRITIS & RHEUMATOLOGY, vol.66, 2014 (SCI-Expanded)
- XXX. **Neuropathic PAIN in Patients with Ankylosing Spondylitis.**  
BORMAN P, Kaygisiz F, YAMAN A, Karagoz A.  
ARTHRITIS & RHEUMATOLOGY, vol.66, 2014 (SCI-Expanded)
- XXXI. **Use of Complementary and Alternative Medicine (CAM) in a group of Patients with Rheumatoid Arthritis and Ankylosing Spondylitis**  
BORMAN P, Erbogaa O, Demir G, Ertenli I, KARAİSMAİLOĞLU E.  
CLINICAL AND EXPERIMENTAL RHEUMATOLOGY, vol.32, no.4, 2014 (SCI-Expanded)
- XXXII. **Serum Adenosine Deaminase Level in Patients with Rheumatoid Arthritis: Relationship with Clinical Factors**  
BORMAN P, Demir G, Ayhan F, Ozgun T, Yilmaz G.  
CLINICAL AND EXPERIMENTAL RHEUMATOLOGY, vol.32, no.4, 2014 (SCI-Expanded)
- XXXIII. **The Comparative Efficacy of Kinesio Taping and Local Injection Therapy in Patients with Subacromial Impingement Syndrome**  
Goksu H, TUNCAY F, BORMAN P.  
CLINICAL AND EXPERIMENTAL RHEUMATOLOGY, vol.32, no.4, 2014 (SCI-Expanded)
- XXXIV. **Fibromyalgia Syndrome: Is It Related to Vitamin D Deficiency in Premenopausal Female Patients?**  
Okumus M, Koybasi M, Tuncay F, Ceceli E, Ayhan F, Yorgancioglu R, Borman P.  
PAIN MANAGEMENT NURSING, vol.14, no.4, 2013 (SCI-Expanded)
- XXXV. **Pain and quality of life (QoL) in elderly: The Turkish experience**  
Gokkaya N. K. O., Gokce-Kutsal Y, Borman P, Ceceli E, Dogan A, EYİGÖR S, Karapolat H.  
ARCHIVES OF GERONTOLOGY AND GERIATRICS, vol.55, no.2, pp.357-362, 2012 (SCI-Expanded)
- XXXVI. **Physical therapy, corticosteroid injection, and extracorporeal shock wave treatment in lateral epicondylitis Clinical and ultrasonographical comparison**  
GÜNDÜZ R, MALAS F. U, Borman P, KOCAOĞLU S, ÖZÇAKAR L.  
CLINICAL RHEUMATOLOGY, vol.31, no.5, pp.807-812, 2012 (SCI-Expanded)
- XXXVII. **Identifying the Characteristics of Geriatric Patients who Referred to Outpatient Clinics of Physical Medicine and Rehabilitation: A Multicenter Descriptive Study**  
Dogan A, Ceceli E, Okumus M, Gokkaya N. K. O., Kutsal Y. G., Borman P, Oztop P, ALTINDAĞ Ö, Aydeniz A., Beyazova M., et al.  
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.57, no.3, pp.143-149, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. The Comparative Frequency of Breast Cancer-Related Lymphedema Determined by Bioimpedance Spectroscopy and Circumferential Measurements**  
Borman P., Yaman A., Dogan L., Donmez A., KOYUNCU E. G., BALCAN A., AKSOY S., Ozaslan C., Akin R., Unes K.  
EUROPEAN JOURNAL OF BREAST HEALTH, vol.18, no.2, pp.148-154, 2022 (ESCI)

## Books & Book Chapters

- I. Baş, Yüz ve Boyun**  
DOĞAN Y., BORMAN P., KARAHAN A. Y., CENGİZ E.  
in: Temel Klinik Masaj Terapi, F. Figen AYHAN, Editor, GÜNEŞ TIP KİTAPLARI, Ankara, pp.51-99, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. Meme Kanseri İlişkili Lenfödemi Olan Hastalarda Farklı Bandajlama Yöntemlerinin Karşılaştırılması: Ön Çalışma Raporu**  
YAMAN A., BORMAN P., Pınar A., Kul F., ÖZÇAKAR L.  
26. ULUSAL FİZİKSEL TIP VEREHABİLİTASYON KONGRESİ, Turkey, 25 - 29 April 2017
- II. Serum Adiponectin and Body Composition in a Group of Patients with Rheumatoid Arthritis Relationship Between Disease Parameters**  
BORMAN P., VURAL S., KOCAOĞLU S., Dedebayraktar D., ÖTELEŞ S., BİLGİÇ P., SÜRER H.  
2016 ACR/ARHP Annual Meeting, Washington, United States Of America, 13 - 14 November 2016

## Supported Projects

- BORMAN P., YAMAN A., KARAHAN S., BAKI A., AKINCI TAN F. A., Project Supported by Higher Education Institutions, Meme Kanseri Cerrahisi Geçiren Hastalarda Biyoimpedans Spektroskopisi ile Lenfödem Sıklığının Belirlenmesi ve Erken Tanının Önemi, 2018 - Continues
- ÖZDEMİR O., BORMAN P., DENİZLİ M., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Lenfödem Uygulama ve Araştırma Merkezi III. Lenfödem sempozyumu: Pediatrik ve Baş boyun lenfödemleri, 2017 - 2018
- BORMAN P., YAMAN A., Project Supported by Higher Education Institutions, Meme kanseriyle ilişkili lenfödemi olan hastalarda kombine faz 1 kompleks dekonjestif terapinin volüm redüksiyonu, fonksiyonel disabilite ve yaşam kalitesine etkileri, 2017 - 2017
- BORMAN P., YAMAN A., Project Supported by Higher Education Institutions, Meme Kanseri İlişkili Lenfödemi Olan Hastalarda Farklı Bandajlama Yöntemlerinin Karşılaştırılması: Ön Çalışma Raporu, 2017 - 2017
- BORMAN P., DENİZLİ M., YAMAN A., Project Supported by Higher Education Institutions, TÜRKİYEDE BİR GRUP AİLE HEKİMİNDE MEME KANSERİ İLİŞKİLİ LENFÖDEM KLİNİK FARKINDALIK VE BİLGİ DÜZEYİ - İNTERNET ÜZERİNDEN ANKET ÇALIŞMASI (ÖN RAPOR), 2017 - 2017
- BORMAN P., YAMAN A., ÖZDEMİR O., Project Supported by Higher Education Institutions, Alt Ekstremitte Lenfödem Tanı ve Tedavisine Güncel Yaklaşım Sempozyumu, 2016 - 2017
- BORMAN P., DENİZLİ M., YAMAN A., Project Supported by Higher Education Institutions, Türk Üst Ekstremitte Lenfödem Hastalarında Yaşam Kalitesi Anketi (LYMQOL-Arm) Geçerliliği ve Güvenilirliği, 2016 - 2016
- BORMAN P., DENİZLİ M., YAMAN A., Project Supported by Higher Education Institutions, BİLATERAL LENFÖDEM VE DERİN YARASI BULUNAN POLİOMYELITLİ HASTADA KOMPLEKS DEKONJESTİF TERAPİNİN ETKİNLİĞİ, 2016 - 2016
- BORMAN P., YAMAN A., Project Supported by Higher Education Institutions, FASİYAL LENFÖDEMİN FARKLI VE NADİR GÖRÜLEN NEDENİ: MORBUS MORBIHAN, 2015 - 2016

YAMAN A., BORMAN P., Project Supported by Higher Education Institutions, MEME KANSERİ İLİŞKİLİ LENFÖDEM OLAN HASTALARDA YAŞAM KALİTESİ VE İLİŞKİLİ FAKTÖRLER, 2015 - 2015

BORMAN P., AKBAYRAK T., SHAFRAN A. L., SORAN A., Project Supported by Higher Education Institutions, Pittsburgh-Hacettepe Üniversiteleri Hastaneleri Lenfödem Günleri: Meme Kanseriyle İlişkili Lenfödem, 2015 - 2015

## **Metrics**

Publication: 41

Citation (WoS): 162

Citation (Scopus): 133

H-Index (WoS): 8

H-Index (Scopus): 5