# Assoc. Prof. Dr. Kadirhan OZDEMIR

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### **Education**

PhD - Internal Diseases (Geriatric Health) – 2022-continues Ege University, Institute of Health Sciences

PhD - Physiotherapy and Rehabilitation – 2015-2019 Gazi University, Institute of Health Sciences

Thesis: Investigation of the Effect of Physiotherapy and Rehabilitation Practices in Head and Neck Cancer Patients with Lymphedema (2019)

Advisor: Assoc. Prof. Ilke Keser

Master's Degree - Physiotherapy and Rehabilitation – 2012-2015 Gazi University, Institute of Health Sciences

Thesis: Investigation of the Relationship Between Sleep Quality, Fatigue, Quality of Life, Physical Activity, Lower Extremity Physical Functions, Balance, and Mobility in Patients Diagnosed with Prostate Cancer (2015)

Advisor: Assoc. Prof. Ilke Keser

Bachelor's Degree - Physiotherapy and Rehabilitation – 2006-2011 Hacettepe University, Faculty of Health Sciences

#### Academic Positions

#### **Associate Professor**

Izmir Bakircay University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Division of Geriatric Physiotherapy (since 04.02.2025)



#### **Assistant Professor**

Izmir Bakircay University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Division of Geriatric Physiotherapy (2019-2025)

#### **Research Assistant**

Gazi University, Institute of Health Sciences, Department of Physiotherapy and Rehabilitation (2013-2019)

#### **Research Assistant**

Hatay Mustafa Kemal University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation (2012-2013)

### Supervised Theses

### Supervised Master of Sciences Theses

- 1. Dönmez Batuhan, (2024). The Effect of Fatigue, Cognition, And Anxiety Levels On Motor Imagery In Individuals With Multiple Sclerosis: A Controlled Study.
- **2.** Karakurum Eshan, (2024). The Relationship of Kinesthetic And Visual Imagery With Motor Performance Of The Hand And Trunk Control In Individuals With Chronic Stroke.
- **3.** Doğan Nadiye, (2023). Determining The Relationship of Cognitive Function With Job Satisfaction And Sleep Quality In Factory Workers.
- **4.** Erbil Çetinkaya Nadire Beyza, (2023). Effects Of Game-Based Balance Training on Static And Dynamic Balance, Core Endurance, And Lower Extremity Muscle Strength In Healthy Young Adults.
- **5.** Cansu Öykünur, (2022). The Relationship of Bone Minerals Density with Respiratory Functions and Exercise Capacity in Postmenopausal Women.

### **Projects**

- Acute Effect of Action Observation And Motor Imagery Method on Voice Parameters and Exercise Capacity in Virtual Reality Environment, Scientific Research Project Supported by Higher Education Institutions, Director: Kadirhan Özdemir, Researcher: Nilüfer Bozbiyik, Researcher: Elif Meryem Ünsal Akkaya, 26/12/2023 (In Progress)
- 2. Does Blood Collection Trigger Lymphedema In The Rabbit Ear Lymphedema Model?, Scientific Research Project Supported By Higher Education Institutions, Director: Seyit Çitaker, Researchers: Kadirhan Özdemir, Osman Kurukahvecioğlu, Ilke Keser, Fatma Şeyda Diker, Feriha Pinar Uyar Göçün, Özlem Gülbahar, 10/15/2018 - 07/10/2020.
- Investigation of The Effect of Physiotherapy and Rehabilitation Applications in Head and Neck Cancers, Scientific Research Project Supported by Higher Education Institutions, Director: Ilke Keser, Researchers: Kadirhan Özdemir, Mehmet Düzlü, Özge Petek Erpolat, 29/06/2018 - 29/07/2019.

# Administrative Position in Izmir Bakircay University

- 1. Director of Continuing Education Application and Research Center
- 2. Vice-Head of Department of Physiotherapy and Rehabilitation
- **3.** Member of the Clinical Research Ethics Committee
- 4. Member of the Internship Committee of the Faculty of Health Sciences
- 5. Head of Internship and Applied Courses Commission
- 6. Member of Graduation Committee
- 7. Member of the Internal Evaluation Report Preparation Committee
- 8. Member of Clinical Research Ethics Committee Notification Responsible
- 9. Member of the Accreditation Commission of The Faculty of Health Sciences
- 10. Board Member of Physiotherapy and Rehabilitation Application and Research Center
- **11.** Member of International Relations and Exchange Programs Coordination
- 12. Member of the Non-Interventional Clinical Research Ethics Committee
- 13. International Relations and Exchange Programs Unit Coordinator
- 14. Head of Geriatric Physiotherapy Department

# **Memberships to Scientific Organizations**

- 1. Geriatric Physiotherapists Association, Member, 2015
- 2. Lymphology Association, Member, 2014
- 3. Turkish Physiotherapists Association, Member, 2012

### <u>Awards</u>

1. Best Oral Presentation Prize, Lymphology Association, 2015

# **Articles Published in International Refereed Journals**

- Özdemir Kadirhan, Saruhan Ercan, Kaya Benli Tuba, Kaya Gözde, Çil Zafer, Yüksel Yavuz Melike, Meral Orhan, Demir Halit, Kavak Servet (2024). Levels Of Oxidative Stress, Selenium And Zinc, And Health-Related Quality Of Life In Healthy Males Before And After Covid-19 Vaccination. Trace Elements And Electrolytes, 41(3), 64-71., Doi: 10.5414/Te500067
- Günay Ismailoğlu Elif, Özdemir Kadirhan, Tuğral Alper, Bakar Yeşim (2024). The Reliability, Validity And Cross-Cultural Adaptation Of Turkish Version Of Jefferson Scale Of Empathy For Health Professions Students. Clinical And Experimental Health Sciences, 14, 14-21., Doi: 10.33808/Clinexphealthsci.1023941
- 3. Özdemir Kadirhan, Dönmez Batuhan, Zeren Melih, Yürekdeler Şahin Nilay, Karakurum Eshan, Eroğlu Rumeysa (2024). Does Smart Phone Usage In Young Adults Have An Effect On Static And Dynamic Balance? Hacettepe Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, 11(3), 746-757., Doi: 10.21020/Husbfd.1414217
- 4. Zeren Melih, Eroğlu Rümeysa, Yürekdeler Şahin Nilay, Özdemir Kadirhan, Dönmez Batuhan, Karakurum Eshan (2024). Does Smartphone Addiction Impair Maximal Exercise Capacity In Young Adults? Journal Of Basic And Clinical Health Sciences, 8(1), 46-54., Doi: 10.30621/Jbachs.1248796

- Keser Ilke, Özdemir Kadirhan, Utkan Bergüz Hilal, Atasavun Uysal Songül, Suner Keklik Sinem, Bağlan Yentür Songül, Aras Mukaddes (2023). The Awareness Of Healthy Individuals About Attributable Risk Factors Of Cancer. Journal Of Basic And Clinical Health Sciences, 7(1), 251-259., Doi: 10.30621/Jbachs.1091746
- 6. Özdemir Kadirhan, Tuğral Alper, Günay Ismailoğlu Elif, Bakar Yeşim, Taşkiran Nihal, Erdem Önder Hatice, Sari Dilek (2023). Empathy And Attitude Upon An Aged Body: Aged Simulation Suit Among Undergraduate Physiotherapy Students. Journal Of Basic And Clinical Health Sciences, 7(1), 301-313., Doi: 10.30621/Jbachs.1106052
- 7. Özdemir Kadirhan, Çitaker Seyit, Diker Fatma Şeyda, Keser Ilke, Kurukahvecioğlu Osman, Uyar Göçün Feriha Pinar, Gülbahar Özlem (2023). Does Venipuncture Increase Lymphedema By Triggering Inflammation Or Infection? An Experimental Rabbit Ear Lymphedema Model Study. Lymphatic Research And Biology, 21(1), 34-41., Doi: 10.1089/Lrb.2021.0095
- 8. Özdemir Kadirhan, Saruhan Ercan, Meral Orhan, Kaya Gözde, Kaya Benli Tuba, Bakar Yeşim, Kiziloğlu Ilker, Polat Gülrü, Çağlar Emel, Kavak Servet (2022). Determination Of Serum Trace Elements (Se, Fe, Zn), Macrominerals (Ca, Na, Cl), And Physical Activity Levels In Covid-19 Patients. Trace Elements And Electrolytes, 39(4), 125-136., Doi: 10.5414/Te500034
- 9. Özdemir Kadirhan, Saruhan Ercan, Kaya Benli Tuba, Kaya Gözde, Meral Orhan, Yüksel Yavuz Melike, Şen Teoman, Kiziloğlu Ilker, Kavak Servet (2022). Comparison Of Trace Element (Selenium, Iron), Electrolyte (Calcium, Sodium), And Physical Activity Levels In Covid-19 Patients Before And After The Treatment. Journal Of Trace Elements In Medicine And Biology, 73, 127015, Doi: 10.1016/J.Jtemb.2022.127015
- 10. Atasavun Uysal Songül, Yildiz Kabak Vesile, Karakaş Yusuf, Karabulut Erdem, Kocamaz Deniz, Keser Ilke, Özdemir Kadirhan, Düger Tülin (2021). Investigation Of The Validity And Reliability Of The Turkish Version Of The Functional Assessment Of Cancer Therapy—Cognitive Function In Cancer Patients. Palliative & Amp; Supportive Care(5), 694-700., Doi: 10.1017/S147895152100136x
- Özdemir Kadirhan, Keser Ilke, Düzlü Mehmet, Erpolat Özge Petek, Saranli Uluç, Tutar Hakan (2021). The Effects Of Clinical And Home-Based Physiotherapy Programs In Secondary Head And Neck Lymphedema. The Laryngoscope(131), 1550-1557., Doi: 10.1002/Lary.29205
- Tuğral Alper, Eliiyi Uğur, Özdemir Kadirhan, Ergin Gülbin, Bakar Yeşim (2021). A New Era Of Seeking Knowledge For #Lymphedema On Social Media: A Detailed Instagram Hashtag Analysis. Lymphology, 54(2), 68-77., Doi: 10.2458/Lymph.4728
- 13. Keser Ilke, Özdemir Kadirhan, Ertürk Burak, Haspolat Miray, Duman Özkan Tuğçe, Tuğral Yağmur, Sakizli Elif, Esmer Murat, Küpeli Buse, Suner Keklik Sinem (2021). Clinical Characteristics Of And Services Provided For Patients With Lymphedema Referred To A Physiotherapy Program During The Years 2009 Through 2019. Lymphatic Research And Biology, 19(4), 372-377., Doi: 10.1089/Lrb.2020.0091
- 14. Keser Ilke, Özdemir Kadirhan, Erer Dilek, Onurlu Ilknur, Bezgin Sabiha (2020). Differences In Pain, Fatigue, And Quality Of Life In Patients With Chronic Venous Insufficiency Based On Physical Activity Level. Turk Gogus Kalp Damar Cerrahisi Dergisi-Turkish Journal Of Thoracic And Cardiovascular Surgery, 28(1), 76-83.

- 15. Özdemir Kadirhan, Keser Ilke, Şen Ilker, Tan Mustafa Özgür (2019). Investigating The Relationships Between Quality Of Life, Fatigue And Leisure Time Physical Activity In Prostate Cancer Patients. Journal Of Back And Musculoskeletal Rehabilitation, 32(3), 497-503., Doi: 10.3233/Bmr-181220
- 16. Özdemir Kadirhan, Keser Ilke, Şen Ilker, Tan Mustafa Özgür (2016). The Importance Of Preventive Physiotherapy In Patients Diagnosed With Prostate Cancer. Journal Of Urological Surgery, 3(4), 123-126., Doi: 10.4274/Jus.961 (Publication No: 3065540)

# Articles Published in National (Turkish) Refereed Journals

- Özdemir Kadirhan, Saruhan Ercan, Kaya Gözde, Kaya Benli Tuba, Meral Orhan, Bozoğlan Hümeyra, Demir Halit, Demir Canan, Kavak Servet (2023). Determination Of Hemoglobin A1c, Lipid Profiles, Homocysteine, Oxidative Stress And Physical Activity Levels In Diabetic And/Or Non-Diabetic Covid-19 Patients. Karya Journal Of Health Science, 4(2), 85-91., Doi: 10.52831/Kjhs.1254353
- Keser Ilke, Özdemir Kadirhan, Ertürk Burak, Haspolat Miray, Duman Tuğçe, Esmer Murat (2018). Kanser Hastalarına Yönelik Onkolojik Fizyoterapi Ve Rehabilitasyon Ünitesi'nde Sunulan Hizmetlerin Analizi. Gazi Üniversitesi Sağlık Bilimleri Dergisi, 1(1), 18-27.

# **Technical Notes, Case Reports, Research Notes, Etc**

- Case Report, Özdemir Kadirhan, Keser Ilke, Yegin Zeynep Arzu, Aydin Kaynar Lale (2020). Efficacy Of Manual Lymph Drainage Plus Exercise On Range Of Motion And Flexibility In Refractory Chronic Cutaneous Graft-Versus-Host Disease: A Case Report. Current Research In Translational Medicine, 68(1), 1-4.
- Case Report, Özdemir Kadirhan, Haspolat Miray, Keser Ilke, Ertürk Burak, Suner Keklik Sinem, Güzel Nevin Aysel (2017). The Adverse Impact Of Strenuous Exercise On Breast Cancer–Related Lymphoedema: A Case Report. Journal Of Lymphoedema, 12(1), 49-51.

# Papers Presented and Published at International Scientific Meetings

- Karakurum Eshan, Ozdemir Kadirhan (2023). The Relationship Of Kinesthetic And Visual Imagery With Hand Motor Performance And Trunk Control In Individuals With Chronic Stroke. 3rd International Graduate Studies Congress (Abstract/Oral Presentation)
- **2.** Erbil Cetinkaya Nadire Beyza, Ozdemir Kadirhan (2022). The Effect Of Game-Based Balance Training On Static And Dynamic Balance, Core Endurance,
- **3.** Peripheral Muscle Strength In Healthy Young Adults. 10th International Hippocrates Congress On Medical And Health Sciences (Abstract/Oral Presentation)
- 4. Dogan Nadiye, Ozdemir Kadirhan (2022). Determining The Relationship Of Cognitive Function With Job Satisfaction And Sleep Quality In Factory Workers. 9th International Hippocrates Congress On Medical And Health Sciences (Abstract/Oral Presentation)
- 5. Ozdemir Kadirhan (2021). Shoulder Syndrome After Neck Dissection In Patients With Head And Neck Cancer. International Eurasia Health Science Congress (lehsc 2021) (Full Text Publication/Oral Presentation)

- 6. Özdemir Kadirhan (2021). 3d Imaging And Evaluation Methods Used In Lymphedema. 4th International Health Science And Life Congress (Ihslc 2021) (Full Text Publication/Oral Presentation)
- 7. Özdemir Kadirhan, Çitaker Seyit, Diker Fatma Şeyda, Keser Ilke, Kurukahvecioğlu Osman, Gülbahar Özlem, Uyar Göçün Feriha Pinar (2019). Does The Venipuncture Trigger The Lymphedema On The Rabbit Ear Lymphedema Model?
- 8. Preliminary Results. Inaugural Romanian Lymphedema Conference (Abstract/Oral Presentation)
- **9.** Özdemir Kadirhan, Keser Ilke, Erer Dilek (2018). The Effects Of Complex Decongestive Therapy In Klippel-Trenaunay Syndrome: A Case Report.. 44th European Congress Of Lymphology Lympho 2018 (Abstract/Poster)
- 10. Özdemir Kadirhan, Keser Ilke, Güzel Nevin Aysel, Suner Keklik Sinem, Ertürk Burak, Kurukahvecioğlu Osman (2017). The Lymphedema Onset After Modified Radical Mastectomy. 26th World Congress Of Lymphology (Abstract/Oral Presentation)
- 11. Ertürk Burak, Duman Tuğçe, Haspolat Miray, Özdemir Kadirhan, Keser Ilke, Tuncer Serhan (2017). Complex Decongestive Therapy In Combination Of Chronic Venous Insufficiency, Uterine Excision, Breast Cancer And Breast Reconstruction: Case Report. 26th World Congress Of Lymphology (Abstract/Oral Presentation)
- **12.** Suner Keklik Sinem, Ozdemir Kadirhan, Duman Tugce, Erturk Burak, Haspolat Miray, Keser Ilke (2017). Are Proprioception And Sensation Affected In Patients With Unilateral Lymphedema?. 26th World Congress Of Lymphology (Abstract/Oral Presentation)
- 13. Suner Keklik Sinem, Ozdemir Kadirhan, Keser Ilke, Erturk Burak, Duman Tugce, Haspolat Miray (2017). Physiotherapy Results With Radiotherapy Burn Sequel In A Patient With Breast Cancer: A Case Report. 26th World Congress Of Lymphology (Abstract/Oral Presentation)
- 14. Erturk Burak, Ozdemir Kadirhan, Haspolat Miray, Suner Keklik Sinem, Duman Tugce, Guzel Nevin Aysel (2017). Investigating The Balance Differences In Patients With Unilateral Leg Lymphedema: Pilot Study. 26th World Congress Of Lymphology (Abstract/Oral Presentation)
- 15. Haspolat Miray, Özdemir Kadirhan, Ertürk Burak, Duman Tuğçe, Keser Ilke, Erer Dilek (2017). Complex Decongestive Physiotherapy After Liposuction Surgery In Primary Lymphedema: A Case Report. 43rd European Congress Of Lymphology (Abstract/Oral Presentation)
- 16. Duman Tuğçe, Haspolat Miray, Özdemir Kadirhan, Ertürk Burak, Suner Keklik Sinem, Keser Ilke (2017). The Long-Term Follow-Up Of The Patient With Upper Extremity Primary Lymphedema: A Case Report. 43rd European Congress Of Lymphology, 29(76), 32-32. (Abstract/Oral Presentation)
- 17. Özdemir Kadirhan, Ertürk Burak, Duman Tuğçe, Haspolat Miray, Keser Ilke, Yegin Zeynep Arzu (2017). Manual Lymph Drainage In An Allogeneic Stem Cell Transplant Recipient With Cutaneous Graft Versus Host Disease. 43rd European Congress Of Lymphology (Abstract/Oral Presentation)
- **18.** Keser Ilke, Özdemir Kadirhan, Suner Keklik Sinem, Helvaci Mukaddes, Bağlan Yentür Songül (2017). To Examine The Validity By Determining The Awareness Of Healthy Individuals About

Possible Risk Factors Of Cancer. International Conference On Public Health 2017, 9-9. (Abstract/Poster)

- 19. Keser Ilke, Ozdemir Kadirhan, Suner Keklik Sinem, Helvaci Mukaddes, Baglan Yentur Songul (2017). Comparison Between Attitudes Of Cancer Patients, Their Relatives And Healthy Subjects About Cancer-Related Possible Risk Factors. International Conference On Public Health '2017, 13-13. (Abstract/Poster)
- 20. Atasavun Uysal Songul, Duger Tulin, Yildiz Kabak Vesile, Karakas Yusuf, Karabulut Erdem, Kocamaz Deniz, Keser Ilke, Ozdemir Kadirhan, Ozdemir Evren (2016). Validity And Reliability Of Turkish Version Of Functional Assessment Of Cancer Treatment Cognitive Function In Cancer Patients. International Istanbul Breast Cancer Conference - Breastanbul 2016 (Abstract/Poster)
- **21.** Özdemir Kadirhan, Keser Ilke, Çetişli Korkmaz Nilüfer (2016). Prevention Lymphedema After Cancer. 2nd International Scientific Conference Health.Society.Science (Abstract/Guest Speaker)

Dates	Duty	Description
13.05.2024-17.05.2024	Faculty of Health Sciences	Charles University, 8-hour
	Staff Mobility Teaching	lecture event on
	Consortium	Lymphedema Rehabilitation
23.03.2023-08.06.2023	Volunteer Teaching at	Karabağlar 3rd Age University,
	Karabaglar 3rd Age University	Coordinating and providing
		support and contribution to
		face-to-face teaching of
		"Sports Activities and Exercise
		in the Elderly" lectures held
		on 12-week program to meet
		the lifelong learning needs of
		individuals aged 60 and over
		with an active and healthy
		aging perspective
16.10.2023-20.10.2023	2023-2024 Ka131 Erasmus+	Panevezio Kolegija/State
	Staff Teaching Mobility	Higher Education Institution,
		8-hour lecture event on
		Lymphedema Rehabilitation
12.02.2018-12.05.2018	Intern (Student)	Földiklinik Gmbh Co. Kg,
		Within the scope of Erasmus
		Internship Mobility, Between
		12.02.2018-12.05.2018,
		Földiklinik Gmmbh Co.
		Internship at Lymphedema
		Hospital Named Kg for 3
		Months
30.01.2017-03.02.2017	Observer	Wittlinger Therapiezentrum
		Gmbh, Within the scope of

### **Experiences**

		Erasmus Academic Staff Training Mobility, Between 30.01.2017-03.02.2017, Being an Observer at Lymphedema Hospital Named Wittlinger Therapiezentrum Gmbh in Austria for 5 days
19.05.2017-19.05.2017	Observer	Being an Observer at Lymphedema Clinic Named Lymphoopt in Germany on 19.05.2017, Obtaining Information on Diagnosis and Treatment.
29.05.2013-10.06.2013	Physiotherapist	Assignment to Reyhanlı District of Hatay Province Between 29/05/2013- 10/06/2013 Within the scope of Reyhanlı District Social Support Action Plan
08.08.2011-09.08.2012	Physiotherapist	Private Sedat Taş Special Education and Rehabilitation Center / Ankara,

# **Certificates**

- **1.** 3rd International Graduate Studies Congress (Igscong'23), Certification Of Participation, Certificate, 14.06.2023 -17.06.2023 (International)
- 2. International Health Sciences Congress, Certificate Of Attendance, Avrasya University, Certificate, 17.06.2021 -19.06.2021 (International)
- **3.** 4th International Health Sciences And Life Congress, Certificate Of Attendance, Burdur Mehmet Akif Ersoy University, Certificate, 08.04.2021 -10.04.2021 (International)
- **4.** Inagural Romanian Lymphedema Conference, Certificate Of Attendance, Romania, Certificate, 15.11.2019 -16.11.2019 (International)
- 26th World Congress Of Lymphology, Certificate, Barcelona, Certificate, 25.09.2017 -29.09.2017 (International)
- **6.** 43rd European Congress Of Lymphology, Certificate Of Participation, Stuttgart, Certificate, 26.05.2017 -27.05.2017 (International)
- **7.** Medi Product Training, Certificate, Medi Gmbh Co. Kg, Certificate, 19.05.2017 -19.05.2017 (International)
- **8.** 6th National Physiotherapy and Rehabilitation Congress, Certificate of Participation, The Ankara Hotel, Certificate, 04.05.2017 -06.05.2017 (National)
- **9.** Geriatric Rehabilitation Seminars 1, Certificate of Participation, Ahi Evran University, Certificate, 23.12.2016 -23.12.2016 (National)

- **10.** 2nd National Lymphology Symposium, Certificate of Participation, Bezmialem University, Certificate, 29.05.2016 -29.05.2016 (National)
- **11.** 2nd International Scientific Conference Health. Society. Science., Certificate, Siauliu, Certificate, 28.04.2016 -28.04.2016 (International)
- Başkent University Spring Symposium on Current Approaches in Physiotherapy and Rehabilitation, Certificate of Participation, Başkent University, Certificate, 07.04.2016 -07.04.2016 (National)
- 9th National Prosthetics-Orthotics Congress with International Participation, Certificate of Participation, Hacettepe University Culture Center, Certificate, 22.10.2015 -24.10.2015 (National)
- **14.** 5th National Physiotherapy and Rehabilitation Congress, Certificate of Participation, Abant Izzet Baysal University Congress Center, Certificate, 21.05.2015 -22.05.2015 (National)
- **15.** I. National Lymphology Congress, Certificate of Attendance, Marmara University Haydarpasa Campus, Certificate, 10.05.2015 -12.05.2015 (National)
- **16.** 2nd National Urological Surgery Congress, Certificate of Attendance, Antalya, Certificate, 05.11.2014 -09.11.2014 (National)
- **17.** 1st Lymphology Symposium, Certificate of Attendance, Istanbul Medipol University Haliç Campus, Certificate, 11.10.2014 -11.10.2014 (National)
- **18.** 2nd Izzet Baysal Physiotherapy Symposium, Certificate of Attendance, Abant Izzet Baysal University, Certificate, 12.05.2014 -12.05.2014 (National)
- **19.** 8th World Congress For Neurorehabilitation, Certificate Of Attendance, Istanbul Lütfi Kırdar International Convention Exhibition Center, Certificate, 08.04.2014 -12.04.2014 (International)
- 20. Formal Communication, Conflict, Perception and Emotion Management In-Service Training Program, Certificate of Participation, Gazi University Faculty of Health Sciences, Certificate, 04.12.2013 -25.12.2013 (National)
- **21.** Physiotherapy Rehabilitation and Complementary Therapies Symposium, Certificate of Participation, Hacettepe University, Certificate, 04.05.2011 -06.05.2011 (National)
- **22.** 50th Year Physiotherapy and Rehabilitation Congress, Certificate of Participation, Hacettepe University, Certificate, 07.04.2011 -09.04.2011 (National)
- **23.** 5th International Participation Sports Physiotherapists Congress, Participation Certificate, Crown Plaza Hotel, Certificate, 22.10.2009 -24.10.2009 (National)
- **24.** 2nd Physiotherapy Days Cancer and Physiotherapy, Participation Certificate, Hacettepe University Culture Center, Certificate, 07.04.2009 -08.04.2009 (National)

### **Courses**

- Deutschkurs, Teilnahmebestatigung A2 (German Language Course), Goethe-Institut, Course, 16.12.2017 -07.02.2018 (International)
- 2. Deutschkurs, Teilnahmebestatigung A1 (German Language Course), Goethe-Institut, Course, 07.10.2017 -02.12.2017 (International)
- **3.** Cancer Rehabilitation Course, Certificate of Attendance, Hacettepe University, Course, 04.11.2017 -05.11.2017 (National)

- Xix. Experimental Animal Practice and Ethics Course, Certificate of Attendance, Gazi University Laboratory Animal Breeding and Experimental Research Center, Course, 23.05.2016 -31.05.2016 (National)
- Shooting Classifier Course, Certificate of Attendance, Ankara, Course, 09.01.2016 -10.01.2016 (National)
- Movement Analysis Course, Certificate of Attendance, Istanbul, Course, 07.11.2015 -08.11.2015 (National)
- Complex Draining Physiotherapy in Lymphedema Associated with Adipositis, Lobular Elephantiasis and Abdominal Lymphedema, Certificate of Attendance, Marmara University, Course, 10.05.2015 -10.05.2015 (National)
- **8.** Manual Lymphdrainage Combined Decongestive Physiotherapy (Mld/Cdt), Certificate, Istanbul And Bolu, Course, 08.05.2014 -20.12.2014 (International)
- 9. Osteopathy Course 2nd Class, Bescheinigung (Institut Für Angewandie Osteopathic), Active Healthy Life Physiotherapy Services And Organization Trade Co. Ltd., Course, 14.10.2012 -23.06.2013 (International)
- **10.** Kinesio Taping Basic (Kt 1-2), Certificate Of Course Completion, Hacettepe University, Course, 22.12.2012 -23.12.2012 (International)
- Osteopathy Course 1st Class, Bescheinigung (Institut Für Angewandie Osteopathic), Active Healthy Life Physiotherapy Services And Organization Trade Co. Ltd. Şti., Course, 28.09.2011 -23.06.2012 (International)