

CURRICULUM VITAE
NURAY YOZBATIRAN, PT, PhD

Present Position: Instructor, Department of Physical Medicine and Rehabilitation, University of Texas Health Science Center at Houston

Address: 1333 Moursund St, H 114, Houston, TX 77030

Tel: (713) 797 7586

e-mail: Nuray.Yozbatiran@uth.tmc.edu

EDUCATION

2007 Nov- 2009 April	Postdoctoral Fellow in the Department of Physical Medicine and Rehabilitation, University of Texas Health Science Center at Houston
2007 April-Nov	Postdoctoral Fellow in the Center of Clinical Neurosciences, Department of Pediatrics, University of Texas Health Science Center at Houston
2005 June-2007 April	Postdoctoral Fellow in the Neurology Department, University of California, Irvine, USA
1996 – 2000	Doctoral Degree (PhD) Health Sciences Institute Dokuz Eylül University, Izmir/Turkey
1993 – 1996	Master’s Degree (MS) Health Sciences Institute Dokuz Eylül University, Izmir/Turkey
1986 – 1991	Bachelor’s Degree School of Physical Therapy and Rehabilitation Hacettepe University, Ankara / Turkey
1984 - 1986	Secondary School Diploma Mersin Hacı Sabancı Lisesi, Mersin/Turkey (10 th and 11 th Grades)
1976 – 1984	Secondary School: Gustav Heinemann Schule, Bielefeld / Germany
1974 – 1978	Elementary School Brackweder Schule, Bielefeld / Germany

PROFESSIONAL EXPERIENCE

2009 Nov- present	University of Texas Health Science Center at Houston, Department of Physical Medicine and Rehabilitation, Research Instructor
2009 April- 2009 Nov	University of Texas Health Science Center at Houston, Department of Physical Medicine and Rehabilitation, Research Scientist

2007 Nov- 2009 April	University of Texas Health Science Center at Houston, Department of Physical Medicine and Rehabilitation, Postdoctoral Fellow
2007 April- 2007 Nov.	University of Texas Health Science Center at Houston, Department of Pediatrics, Postdoctoral Fellow
2005 June- 2007 April	University of California, Irvine, Department of Neurology Postdoctoral Fellow
2000 June-2007April	Dokuz Eylül University, School of Physical Therapy and Rehabilitation, Assistant Professor
1997 – 2000	Dokuz Eylül University, School of Physical Therapy and Rehabilitation, Lecturer
1994 – 1997	Dokuz Eylül University, School of Physical Therapy and Rehabilitation, Research Assistant
1992 – 1994	Balcova Thermal Institute

MEMBERSHIP in ASSOCIATIONS

- World Forum for Neurorehabilitation (Council Member)
- Turkish Brain Research and Neuroscience Society
- Turkish Physiotherapy Association
- Aegean Orthopedical and Traumatological Association, Turkey
- Multiple Sclerosis Society of Izmir, Turkey

RESEARCH INTERESTS

- Robotic rehabilitation,
- Motor recovery and rehabilitation in stroke and spinal cord injury,
- Non-invasive brain stimulation
- Motor imaging

HONORS and AWARDS

2001	Schering 2 nd Price for Oral and Poster Presentations. Turkish Society of Neurology, 37th National Neurology Congress, Antalya
------	--

DISSERTATIONS (MSc and PhD)

16. June. 1996	Master of Science Thesis. Evaluation of the Impact of Group Exercises on the Quality of Life in Patients With Chronic Obstructive Pulmonary Disease. Dokuz Eylül University, Health Sciences Institute, Turkey
18. February. 2000	Doctoral Thesis. The Comparison of Land and Water Exercise Programs in Patients with Chronic Low Back Pain (CLBP). Dokuz Eylül University, Health Sciences Institute, Turkey

BIBLIOGRAPHY

A- REFEREED JOURNAL PUBLICATIONS

1. Celik O, O'Malley M, Boake C, Levin H, **Yozbatiran N**, Reistetter T. Normalized Movement Quality Measures for Therapeutic Robots Strongly Correlate with Clinical Motor Impairment Measures. *IEEE Trans Neural Syst Rehabil Eng.* 2010 Aug (2010 Aug);18 (4):433-44.
2. **Yozbatiran N**, Harness E, Le V, Luu D, Lopes CV, Cramer SC. A tele-assessment system for monitoring treatment effects in subjects with spinal cord injury. *Journal of Telemedicine and Telecare* 2010; 16(3):152-7.
3. **Yozbatiran N**, Alonso-Alonso M, See J, Demirtas-Tatlidede A, Luu D, Motiwala RR, Pascual-Leone A, Cramer SC. Safety and behavioral effects of high frequency repetitive transcranial magnetic stimulation in stroke. *Stroke.* 2009 Jan; 40(1):309-12
4. Harness E, **Yozbatiran N**, Cramer SC. Effects of Intense Exercise in Chronic Spinal Cord Injury. *Spinal Cord.* 2008 Nov; 46(11):733-7
5. **Yozbatiran N**, Der-Yeghiaian L, Cramer SC. A Standardized Approach to Performing the Action Research Arm Test. *Neurorehabil Neural Repair.* 2008; 22(1):78-90
6. Ozlem Ustunkaya, Ayse Ozcan Edeer, Hulya Donat, **Nuray Yozbatiran.** Shoulder pain, functional capacity and quality of life in professional wheelchair basketball players and non-athlete wheelchair users. *The Pain Clinic.* 2007;19(2):71-76
7. Kara B, **Yozbatiran N**, Arda MN. Functional Results of Physiotherapy Programme on Patients with Aneurysmal Subarachnoid Hemorrhage. *Turkish Neurosurgery.Official Journal of Turkish Neurosurgical Society.* 2007; 17 (2): 83-90
8. **Yozbatiran N**, Cramer SC. Imaging Motor Recovery after Stroke. *NeuroRx.* 2006 Oct; 3(4):482-8
9. **Yozbatiran N**, Gelecek N, Karadibak D. Influence of physiotherapy programme on peak expiratory flow rate (PEFR) and chest expansion in patients with neck and low back pain. *Journal of Back and Musculoskeletal Rehabilitation* 2006; 19(1): 35 - 40
10. **Yozbatiran N**, Başkurt F, Başkurt Z, Özakbaş S, İdiman E. Motor Assessment of Upper Extremity Function and its relation with Fatigue, Cognitive Function and Quality of Life in Multiple Sclerosis Patients. *J Neurol Sci.* 2006 Jul 15;246(1-2):117-22
11. **Yozbatiran N**, Dönmez B, Kayak N, Bozan O. Electrical Stimulation of Wrist and Hand for Sensory and Functional Recovery in Acute Hemiplegia. *Clinical Rehabilitation* 2006 Jan;20(1):4-11
12. İdiman E, Uzunel F, Özakbaş S, **Yozbatiran N**, Oguz M, Callioglu B, Gökce N, Bahar Z. Cross-Cultural Adaptation and Validation of Multiple Sclerosis Quality of Life Questionnaire (MSQOL-54) in a Turkish Multiple Sclerosis Sample. *J Neurol Sci.* 2006 Jan 15;240(1-2):77-80
13. **Yozbatiran N**, Colakoglu Donmez B, Kul H, Karadibak D, Cakmur R. Two different Questionnaire in Evaluation of Quality of Life in Parkinson's Patients: PDQ-39 and SF-36"

Journal of Parkinson's Disease and Movement Disorders. (accepted for publication in September volume (A Journal published in Turkish)

14. Kul H, Başkurt F, **Yozbatıran N**, Dönmez B, Çakmur R. Physical Performance of Patients with Parkinson's Disease and Related Factors. *Journal of Parkinson's Disease and Movement Disorders*, 8:1:2005, (A Journal Published in Turkish)
15. Idiman E, Ozakbas S, **Yozbatıran N**, Uzunel F, Oguz M, Kürşad F. The Correlation Between the Expanded Disability Status Scale Functional Systems and Health Related Quality of Life:Analysis of 183 Multiple Sclerosis Patients. *Turkish Journal of Neurology*, 2004;10(5): (A Journal published in Turkish)
16. **Yozbatıran N**, Yıldırım Y, Parlak B. Effects of Fitness and Aquafitness Exercises on Physical Fitness Level in Patients with Chronic Low Back Pain. *The Pain Clinic*, 2004;16(1):35-42
17. Bozan O., **Yozbatıran N**. Rehabilitation in Guillian Barre Syndrome, A case study. *Turkish Journal of Neurology*. 2003;9(3):89-100 (A Journal published in Turkish)
18. **Yozbatıran N**, Koçak G. The effectiveness of spinal stabilization program in patients with low back pain. *Turkish J. of Spinal Surgery*, 2002;12(1): (A Journal published in Turkish)
19. Yıldırım Y, Kılınç F, Çakıroğlu AF, **Yozbatıran N** . Investigation of Occupational Low Back Pain in Bus Drivers: An epidemiological study. *Health Sciences Research Journal*, 2002;12 (25):157 – 166 (A Journal published in Turkish)
20. **Yozbatıran N**, Yıldırım Y. The Effectiveness of Fitness and Spa Exercise Programs in Patients with Chronic Low Back Pain (CLBP). *Physiotherapy and Rehabilitation*, 2002 ;13(2): 77 – 82 (A Journal published in Turkish)
21. Türeyen ZC. **Yozbatıran N**. Rehabilitation in Spinal Cord Injury. *Physiotherapy Rehabilitation* , 1999;10 (1 – 2):24 – 25 (A Journal published in Turkish)
22. **Yozbatıran N**, Çımrın AH, Türeyen ZC, Elçi ÖC, Köstek N, Özsöz A, Akkoçlu A. Evaluation of the Impact of Group Exercise on the Quality of Life in Patients With Chronic Obstructive Pulmonary Disease. *Respiratory Diseases*, 1998; 9 (2): 269 – 281 (A Journal published in Turkish)
23. Cavlak U. **Yozbatıran N**, Kayıhan H .Utilization of Peloidotherapy in Physiotherapy and Rehabilitation” *Physiotherapy Rehabilitation*; 1994;7(5): 63 – 72 (A Journal published in Turkish)

B. REFEREED CONFERENCE ABSTRACTS

1. **Yozbatıran N**, Berliner J, O'Malley MK, Kadivar Z, Pehlivan AU, Boake C, Francisco GE. Robotic training of forearm and wrist movements after spinal cord injury. To be presented at The annual conference of the Academy of Spinal Cord Injury Professionals, September 2011, Las Vegas/NV
2. **Yozbatıran N**, Berliner J, O'Malley MK, Pehlivan AU, Kadivar Z, Boake C, Francisco GE, Robotic training and clinical assessment of arm and wrist movements after spinal cord injury: two case reports. To be presented at International Neurorehabilitation Symposium, 27-July 1, 2011 Zurich/Switzerland

3. **Yozbatiran N**, Berliner J, Boake C, O'Malley MK, Kadivar Z, Francisco GE. Robotic training and clinical assessment of forearm and wrist movements after incomplete spinal cord injury: a case report. To be presented at The International Conference on Rehabilitation Robotics, June 27-July 1, 2011 Zurich/ Switzerland
4. Kadivar Z, Sullivan JL, Pehlivan AU, Francisco GE, **Yozbatiran N**. Robotic training and kinematic analysis of arm and hand after incomplete spinal cord injury: a case study. To be presented at The International Conference on Rehabilitation Robotics, June 27-July 1, 2011 Zurich/ Switzerland
5. Kadivar Z, Sullivan JL, Pehlivan AU, Francisco GE, **Yozbatiran N**. Robotic training and kinematic analysis of arm and hand after incomplete spinal cord injury: a case study. To be presented at International Neurorehabilitation Symposium, June 27-July 1, 2011 Zurich/ Switzerland
6. Berliner J, **Yozbatiran N**, Francisco GE, O'Malley M, Kadivar Z, Boake C. Robotic training of forearm and wrist movements after spinal cord injury. Accepted for presentation at International Conference on Spinal Cord Medicine and Rehabilitation. June 2010, Washington, DC
7. **Yozbatiran N**, Francisco GE, O'Malley MK, Berliner J, Kadivar Z, Boake C. Robotic training of forearm and wrist movements after spinal cord injury: A single case study. Mission Connect Annual Scientific Symposium. December 2010, Houston TX,
8. Sullivan J, Eng D, Kadivar Z, Paehlivan A, Yozbatiran N, Francisco GE, O'Malley M. Validation of an alternative smoothness measure to quantify forearm and wrist movement after spinal cord injury. Mission Connect Annual Scientific Symposium, December 2010. Houston TX
9. Z. Kadivar, O. Celik, M.K. O'Malley, C. Boake, H. Levin, N. **Yozbatiran**, T. Reistetter The Upper Extremity Robotic Measures of Motor Performance Correlate with Improvements in Fine and Gross Motor Abilities in Stroke Patients. 40th Society for Neuroscience Annual Meeting, November, 2010. San Diego, CA.
10. Z. Kadivar, A. Pehlivan, J. Sullivan, D. Eng, **N. Yozbatiran**, G. Francisco, M.K. O'Malley . Robotic Arm Training after Human Spinal Cord Injury: a Case Study. Presentation at the 2010 National Center for Human Performance annual meeting, 2010, November, Houston, TX.
11. **Yozbatiran N**, O'Malley MK, Boake C, Fisher SR, Reistetter TA, Francisco GE. Augmentation of constraint-induced movement therapy with robotic training for upper-extremity function after stroke. Accepted as poster ground round presentation at 2010 AAP Annual Meeting, April 2010, Bonita Springs, FL.
12. **Yozbatiran N**, Alonso-Alonso M, See J, Demirtas-Tatlidede A, Pascual-Leone A, Cramer SC. Safety and Behavioral Effects of A Single Session of High Frequency Repetitive transcranial Magnetic Stimulation in Chronic Stroke (International Stroke Conference, January 2008, San Francisco, CA.
13. **Yozbatiran N**, Javidan P, Le V, Cramer SC. Spinal Cord Atrophy after Chronic Injury Correlates with Clinical Deficits and Worsens over Time (Organization for Human Brain Mapping, June 2007, Chicago, IL
14. Glidden HK, **Yozbatiran N**, Rizzuto DS, Cramer SC, Andersen RA. fMRI During Goal-directed Movement Planning in Normal and Spinal Cord Injured Subjects. (SFN,2006)
15. **Yozbatiran N**, Colakoglu Donmez B, Kul H, Karadibak D, Cakmur R. Two different Questionnaires in Evaluation of Quality of Life in Parkinson's Patients: PDQ-39 and SF-36.

- 6th Congress of Parkinson's Disease and Movement Disorders, May 2005, Cesme/Izmir/ Turkey
16. **Yozbatiran N**, Dönmez B, Kayak N, Bozan O. Electrical Stimulation of Wrist and Hand for Sensory and Functional Recovery in Acute Hemiplegia. Xth Developments in Phsyiotherapy Symposium, Ocotber 2004, Antalya/ Turkey
 17. N. Kayak, **N. Yozbatiran**, F.İdiman. The Effectiveness of Modified Cawthorne- Cooksey Exercises and General Vestibular Rehabilitation in Unilateral Vestibular Insufficiency. Xth Developments in Phsyiotherapy Symposium, 28-31 Ocotber 2004, Antalya/ Turkey
 18. **N. Yozbatiran**, Ferdi Başkurt, Zeliha Başkurt, Serkan Özakbaş, Egemen İdiman. The relationship between upper extremity function and fatigue, cognitive function and quality of life in multiple sclerosis patients. Xth Developments in Phsyiotherapy Symposium, Ocotber 2004, Antalya/ Turkey
 19. **N. Yozbatiran**, H. Kul, F. Başkurt, B. Dönmez, R. Çakmur. Physical Performance of Patients with Parkinson's Disease and Related Factors. Xth Developments in Phsyiotherapy Symposium, Ocotber 2004, Antalya/ Turkey
 20. H. Kul, **N. Yozbatiran**, R. Çakmur. Physical Performance and Quality of Life of Patients with Parkinson's Disease. Xth Developments in Phsyiotherapy Symposium, Ocotber 2004, Antalya/ Turkey
 21. Ö. Çeliker Tosun, **N. Yozbatiran**. Effects of Exercise Training in Polycystic Ovary Syndrome. Xth Developments in Phsyiotherapy Symposium, October 2004, Antalya/ Turkey
 22. **N. Yozbatiran**, N. Gelecek, D.Karadibak. Influence of Phsyiotherapy Programme on Peak Expiratory Flow Rate /PEFR) and Chest Expansion in Patients with Neck and Low back pain. Xth Developments in Phsyiotherapy Symposium, Ocotber 2004, Antalya/ Turkey
 23. **Yozbatiran N**, Kara B, Başkurt F, NM.Arda, F.Idiman. The Impact of Early Rehabilitation Program on Functional Recovery in Ischaemic and Hemorrhagic Stroke Patients. 2nd Congress of Turkish Cerebrovascular Diseases, May, 2004 Çeşme /Izmir/ Turkey
 24. Demiroren U, Baskurt F, **Yozbatiran N**, Kara B, Kutluk K. Long-Term Follow Up of Functional Recovery of Stroke Patients. 2nd Congress of Turkish Cerebrovascular Diseases, May, 2004 Çeşme /Izmir/ Turkey
 25. **Yozbatiran N**, Demiroren U, Kayak N. The Influence of Cerebral Lateralization on Impairment and Performance Based Balance Tests in Patients with Left and Right Side Hemiplegia. III. National Neuroscience Congress April 2004, Pamukkale/DENIZLI/ Turkey
 26. **Yozbatiran N**, Kocak G. Effects of Spinal Stabilisation Program in Treatment of Back Pain A controlled study. IX th Symposium of Proceedings in Physiotherapy. October 2002, Cappadocia/ Turkey
 27. İdiman E, Ozakbas S, **Yozbatiran N**, Uzunel F, Oguz M, Kürsad F. Correlation Between "Functional Systems" of Expanded Disability Status Scale and Health Related Quality of Life: Analysis of 184 Multiple Sclerosis Patients. 7th Annual Meeting of the Americas Committee for Treatment and Research in Multilpe Sclerosis, September 2002, Baltimore, Maryland, USA
 28. İdiman E, Uzunel F, Ozakbas S, **Yozbatiran N**, Oguz M, Callioglu B, Gökce N, Bahar Z. Cross-Cultural Adaptation and Validation of Multiple Sclerosis Quality of Life Questionnaire (MSQOL-54) in Turkish Multiple Sclerosis Population. 7th Annual Meeting of the Americas Committee for Treatment and Research in Multilpe Sclerosis, September 2002, Baltimore, Maryland, USA
 29. İdiman E, Ozakbas S, **Yozbatiran N**, Uzunel F, Oğuz M. "Correlation Between "Functional Systems" of Expanded Disability Status Scale and Health Related Quality of Life: Analysis

- of 184 Multiple Sclerosis Patients. 2001, 37th National Neurology Congress October 2001, Antalya/ Turkey
30. Idiman E, Uzunel F, Ozakbas S, **Yozbatiran N**, Oğuz M, Çallıoğlu B, Gökçe N, Bahar Z. Cross-Cultural Adaptation and Validation of Multiple Sclerosis Quality of Life Questionnaire (MSQOL-54) in Turkish Multiple Sclerosis Population. 37th National Neurology Congress 2001, 31 October 2001, Antalya/ Turkey
 31. Barutçu A, Pınar L, **Yozbatiran N**, Yılmaz M, Demirdöver C, Top H, Tayfur V Postoperative Re-education of Temporal Muscle in Fascial Paralysis. 23rd National Turkish Plastic, Reconstructive and Aesthetic Surgery Congress” September 2001, Askeri Müze Kültür Sitesi, Harbiye – Istanbul/ Turkey
 32. **Yozbatiran N**, Yıldırım Y. The Effectiveness of Fitness and Spa Exercise Program on Posture in Patients with Chronic Low Back Pain (CLBP). The 4 th International Scientific Conference of Physical Therapy, March, 2001 Cairo / Egypt
 33. Parlak B, **Yozbatiran N**, Pınar L, Çetin F. Evaluation of Musculoskeletal System Between Waterball Players and Healthy Young Children From Same Age Group. 3rd International Sports Sciences Congress, May 2000 Istanbul/ Turkey
 34. Cavlak U, **Yozbatiran N**, Akın E, Türeyen ZC. The Effect of Interferential Current and LASER Therapy on the Reduction of Pain in Patients with Chronic Low Back Pain (CLBP). 13th International Physical Therapy Congress of WCPT, May 1999 Yokohama / Japan
 35. **Yozbatiran N**, Şenol F, Özkeskin M, Yıldırım Y. Functional Outcomes of Physiotherapy and Rehabilitation Programs in Patients with Cervical Disc Herniation. 5th National Pain Congress , October 1999 Istanbul/ Turkey
 36. **Yozbatiran N**, Leba G, Keser G, Pınar L. Comparison of the Treatment Effects of TENS, Interferential Current and Magnetotherapie in Chronic Low Back Pain. 5th National Pain Congress , October 1999 Istanbul/ Turkey
 37. **Yozbatiran N**, Acar Ü. The Relation Between Pain and Grip Strength in Patients with Neck Problems. 5th EFSHT Upper Limb Congress, 1999 Athens / Greece
 38. **Yozbatiran N**, Özkeskin M, Şenol F, Acar Ü. The Effect of Physical Therapy Programme on Patients with Low Back Pain. The 2nd Scientific Conference, Arabic Confederation of Physical Therapy (ACPT), March 1999 Cairo / Egypt
 39. **Yozbatiran N**, Özkeskin M, Leba G. Effect of Smoking on Spinal Pain. Cardiopulmonary Rehabilitation Congress, December 1998, Izmir/ Turkey
 40. Keser G, **Yozbatiran N**. Effects of Physical Therapy Program on Flexibility and Muscle Strength in Patients with Lumbal Disc Herniation. VI. Rehabilitation Days, April 1998, Girne / Turkish Republic of Northern Cyprus
 41. Akın E, **Yozbatiran N**, Cavlak U. Functional Outcomes of Physiotherapy and Rehabilitation Programs in Back Pain. VI. Rehabilitation Days, April 1998, Girne / Turkish Republic of Northern Cyprus
 42. **Yozbatiran N**, Tatari H. Importance of Physiotherapy in Scheurmann Disease. 1st Orthopedic Physiotherapy and Rehabilitation Symposium, April 1998, Izmir/ Turkey
 43. **Yozbatiran N**, Taylan M. Relation Between Fall and Balance, Age and Trunk-Lower Extremity Muscle Strength. 2nd Healthy Life Symposium, January 1998, Kusadası / Aydın/ Turkey
 44. **Yozbatiran N**, Cımrın AH, Tureyen ZC, Elci OC, Kostek N, Ozsoz A, Akkoçlu A. Evaluation of the Impact of Group Exercise on the Quality of Life in Patients With Chronic Obstructive Pulmonary Disease. European Respiratory Society, Annual Congress, September 1996, Stockholm/Sweden

45. **Yozbatiran N**, Cımrın AH, Tureyen ZC, Elci OC, Kostek N, Ozsoz A, Akkoçlu A. Evaluation of the Impact of Group Exercise on the Quality of Life in Patients With Chronic Obstructive Pulmonary Disease. Thorax Society 1st Annual Congress, May, 1996, Nevşehir/Turkey
46. **Yozbatiran N**, Cavlak U, Akın E, Parlak B., “ Factors Contributing to Chronic Neck Pain” V. Rehabilitation Days, April 1995 Izmir/ Turkey

II-CONFERENCE PAPER (Invited Lectures)

- | | |
|------|---|
| 2011 | Robotic Training of Upper and Lower Extremity Motor Functions. 3rd National Physical Therapy Conference, April, Istanbul/TURKEY |
| 2007 | Functional Neuroimaging with MEG: Normative Language Profiles based on the Single Dipole Solution and the MNE Solution. Diaz J, Yozbatiran N, Papanicolaou A. International Society for the Advancement of Clinical Magnetoencephalography, JAPAN |
| 2005 | Spinal Problems in Musicians. Musicians Health Days, Istanbul/TURKEY |
| 2005 | Brain and Heart. World Brain Week, Turkish Society for Brain Research and Neuroscience, Ege University, Brain Research Center, Izmir/TURKEY |
| 2005 | Current Approachments in Parkinson’s Disease and Other Movement Disorders. World Brain Week, Turkish Society for Brain Research and Neuroscience, Ege University, Brain Research Center, Izmir/TURKEY |
| 2004 | Brain and Heart. World Brain Week, Turkish Society for Brain Research and Neuroscience, Ege University, Brain Research Center, Izmir/TURKEY |
| 2003 | Disabled People Meeting Physiotherapists. Istanbul/TURKEY |
| 2002 | Vertigo Rehabilitation. Cappadocia Vertigo Symposium, Cappadocia/ TURKEY |
| 2002 | Current Approachments in Parkinson’s Disease and Other Movement Disorders. World Brain Week, Turkish Society for Brain Research and Neuroscience, Ege University, Brain Research Center, Izmir /TURKEY |
| 2001 | Exercise, Recreative Activities and Environmental Organization in Alzheimer Disease. Karsiyaka Belediyesi, Izmir Alzheimer Society, Izmir/TURKEY |
| 2001 | Approachment Methods in Medical Surgery, Emergency Medicine, Rehabilitation and Public Problems after Brain and Spinal Cord Injuries” World Brain Week, 2001, Ege University Izmir/TURKEY |
| 2000 | Physiotherapy in Cervical Pathologies” 3rd International Physical Therapy and Rehabilitation Congress, Izmir/ TURKEY |
| 1999 | Physiotherapy Approachments in Back Pain ” Hand and Microsurgery Hospital, Izmir/TURKEY |
| 1999 | “Exercise in Different Environments ” Cardiopulmonary Rehabilitation Days, Izmir/TURKEY |
| 1999 | Rehabilitaiton in Spinal Cord Injury” International Neurologic Rehabilitation Congress, Antalya/ TURKEY |
| 1998 | Appropriate Shoe Selection in Diabetic Food” VI. Rehabilitation Days, Girne/TURKISH REPUBLIC OF NORTHERN CYPRUS |

III. BOOK CHAPTERS

1. **Yozbatiran N.** Stroke Rehabilitation. Kursad Kutluk, M.D (ed). In: Stroke. Nobel Tıp Kitabevleri, İstanbul, 2004; 237-252 (invited)
2. **Yozbatiran N,** TÜreyen ZC. Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. Prof.Dr.Z.Candan TÜreyen(ed). In: Applied Physical Therapy and Rehabilitation, T.C. Dokuz Eylül University Publishings, İzmir 1996; 409 – 426 (invited)

IV- COURSES

- | | |
|------|--|
| 2007 | Constraint Induced Movement Therapy Training Course, University of Alabama at Birmingham, Birmingham |
| 2005 | Intensive Course in Transcranial Magnetic Stimulation. Continuing Medical Education Program, Harvard Medical School, Boston. |
| 2004 | Dokuz Eylül University, Health Science Institute, Biophysics Department, TUBITAK Brain Dynamics and Multidisciplinary Brain Research Center, Utilization of Stereotactic Devices (course offered by Prof.Erol Başar), Spring Semester, İzmir |
| 2003 | Dokuz Eylül University, Health Science Institute, Biophysics Department, TUBITAK Brain Dynamics and Multidisciplinary Brain Research Center, System Theory in the Brain (course offered by Prof. Erol Başar) , Fall Semester,İzmir |
| 2003 | IBRO Course in Neuroscience 10 – 18 September 2003, Ege University,İzmir |
| 2001 | International Summer School on Neural Plasticity (ISSNP) 4- 8 June 2001 Ege University, İzmir |
| 1998 | Thoracic Region II. Orthopedic Manual Therapy Course.İzmir |
| 1998 | Thoracic Region I. Orthopedic Manual Therapy Course İzmir |
| 1994 | Upper Extremity Manual Therapy Course 20 – 24 December 1994, İZMİR |

V- STUDENTS SUPERVISED

MS Advices

- | | |
|------|---|
| 2005 | The Relation Between Physical Performance and Cognitive Functions in Older Adults. Dokuz Eylül University, Health Sciences Institute.
Sema Danisik, MSc Student |
| 2004 | Comparison of Modified Cawthorne – Cooksey and General Vestibular Rehabilitation in Patients with Unilateral Vestibular Insufficiency. Dokuz Eylül University, Health Sciences Institute.
Nuray Kayak, MSc Student |
| 2003 | Determining the Effects of Exercise Training in Women with Polycystic Ovarian Syndrome, Dokuz Eylül University, Health Sciences Institute.
Ozge Celik, MSc Student |
| 2003 | Evaluation of Physical Performance and Quality of Life in Patients with Parkinson’s Disease. Dokuz Eylül University, Health Sciences Institute.
Hayriye Kul, MSc Student |

LANGUAGES

Turkish –Mother tongue

English- Fluent

German- Fluent

HOBBIES:

I have completed a course at Umut Psychodrama Institute for 2.5 years and been certified as a Psychodrama Group Manager Assistant. This course was standardized by Moreno Institute-Ueberlingen / Germany. The course is focused on Sociometric studies, group dynamics, spontaneity, creativity and attitudes. My other hobbies include: Sports, Traveling, Dance