

Reza Boostani, M.D

General Information

First Name: Reza
Last Name: Boostani
Sex: Male
Date of Birth: ۲۰ September ۱۹۷۱
Nationality: Iranian
Marital Status: Married
Languages: Farsi, English and Azeri (Fluent)
Work Address: Department of Neurology
Faculty of Medicine,
Qaem Medical Center,
Mashhad University of Medical Sciences (MUMS),
Mashhad, IRAN.
Tel: +۹۸ ۵۱۳ ۸۰۱۲۳۹۸
Fax: +۹۸ ۵۱۳ ۸۴۲۹۸۲۸
<http://www.mums.ac.ir>

Education

National High School Diploma: Ebne-yamin (Hekmat) High school for gifted students, ۱۹۸۹.

M.D: Mashhad University of Medical Sciences, ۱۹۹۰-۱۹۹۷.

Postdoctoral training/Residency: Neurology, Qaem Educational Hospital, Mashhad University of Medical Sciences, ۲۰۰۰-۲۰۰۴.

Fellowship: Neuromuscular Medicine, David Geffen School of Medicine at University of California, Los Angeles (UCLA), ۲۰۱۰-۲۰۱۱.

Academic and Administrative Appointments

١. Scientific manager of First Iranian Congress of HTLV-I and Related Disorders. October ٢٢-٢٤, ٢٠٠٩, Mashhad, Iran. (The city of Mashhad is one of the known endemic areas of HTLV-I infection in the world).
٢. September ٢٠٠٧-٢٠١٣, Assistant Professor of Neurology, Neurology Department, Mashhad University of Medical Sciences (MUMS).
٣. April ٢٠١٣-Present, Associate Professor of Neurology, Neurology Department, Mashhad University of Medical Sciences (MUMS).
٤. April ٢٠١١-present, Director, Neuromuscular and Electrodiagnostic Clinic, Department of Neurology, Mashhad University of Medical Sciences (MUMS).
٥. September ٢٠٠٧-٢٠١٠, Manager of internship education program in neurology department of MUMS.
٦. September ٢٠٠٨-present, Director of Electromyography Ward, Mashhad University of Medical Sciences.
٧. ٢٠٠٥-september ٢٠٠٧, Assistant Professor of Neurology, Neurology Department, Urmia University of Medical Sciences.
٨. ٢٠٠٥-٢٠٠٧, Director of Electromyography Ward, Urmia University of Medical Sciences.
٩. September ٢٠١٥-present, vice chancellor of education and research, department of Neurology, Mashhad University of Medical Sciences.

Membership

١. Iranian National Medical Council, ١٩٩٧-present.
٢. Iranian Neurology Society, ٢٠٠٤-present.

Workshops/Seminars

١. Workshops of research methodology, medical information resources, publishing of medical articles, OSCE designing, evidence based study, teaching methods and course plan designing, MCQ exams analysis, MUMS.
٢. Botulinum toxin injection in movement disorders, ٨th International congress of Neurology and Neurophysiology, Tehran, Iran, June ٢٠٠١.
٣. Transcranial Doppler Sonography, ١٣th International congress of Neurology and Neurophysiology, Tehran, Iran, June ٢٠٠٦.
٤. Workshop of Botulinum Toxins: Practical Issues and Clinical Uses for Neurologists. AAN Meeting, Hawaii, USA ٢٠١١.

Teaching Experiences

١. Educational lectures on neurology topics for residents and medical students of Urmia and Mashhad University of medical sciences, ٢٠٠٤-present.
٢. Educational lectures on Electromyography for neurology residents of Mashhad University of medical sciences, ٢٠٠٧-present.

Licensures/Certification

١. National Practice Licensure, ١٩٩٧.
٢. National Board Certification of Neurology, ٢٠٠٤.
٣. Certification of Single Fiber Electromyography from Tokyo University Hospital, ٢٠٠٩.
٤. AANEM certified fellowship of Neuromuscular Medicine from UCLA, USA, ٢٠١١.
٥. Diploma of Myology from mycology institute of Paris, ٢٠١٣.

Publications

Books

١. The chapter of Electrodiagnostic studies of the book: “Motor Unit Disorders in Children”, ٢٠٠٨.

۲. The chapters of neurological complications of HTLV-I, historical aspects of spastic paraparesis, MS and HTLV-I and rare neurological presentations of HTLV-I of the book: "HTLV-I and related disorders", ۲۰۰۹.

Papers

۱. K.Nikkhah M.D, **R.Boostani M.D.** Report of a patient with Isolated CNS vasculitis. Journal of Mashhad University of Medical Sciences. Vol ۴۵, No. ۷۶, ۲۰۰۲.
۲. K.Nikkhah M.D, **R.Boostani M.D.** Romberg disease Report of a case. Journal of Mashhad University of Medical Sciences. Vol ۴۵, No. ۷۷, ۲۰۰۲.
۳. M.M.Etemadi M.D, H.R.Riasi M.D, M.Salari M.D, **R.Boostani M.D.** Clinical, Immunological and Neuroimaging findings of HAM/TSP patients. Journal of Mashhad University of Medical Sciences. Vol ۴۵, No. ۷۷, ۲۰۰۲.
۴. M.M.Etemadi M.D, K.Nikkhah M.D, M.Saeedi M.D, M.Hakkak M.D, **R.Boostani M.D.** Therapeutic effects of Botulinum toxin type A on spasticity after stroke. Journal of Mashhad University of Medical Sciences. Vol ۴۶, No. ۸۱, ۲۰۰۳.
۵. M.M.Etemadi M.D, **R.Boostani M.D.** Comparison of therapeutic effects of Danazole with Multivitamine on HTLV-۱ Associated Myelopathy. Journal of Mashhad University of Medical Sciences. Vol ۴۷, No. ۸۴, ۲۰۰۴.
۶. M.Faraji M.D, F.Ashrafzade M.D, **R.Boostani M.D.** Evaluation of relation between epilepsy and brain tumors. Journal of Mashhad University of Medical Sciences. Vol ۴۷, No. ۸۳, ۲۰۰۴.
۷. M.M.Etemadi M.D, **R.Boostani M.D.** Report of two rare cases of neurological complications of HTLV-۱. Journal of Mashhad University of Medical Sciences. Vol ۴۶, No. ۸۱, ۲۰۰۳.
۸. H.Ashrafi M.D, **R.Boostani M.D.** Evaluation of therapeutic effects of Interferon beta ۱-a on relapsing remitting M.S. Journal of Mashhad University of Medical Sciences. Vol ۴۸, No. ۸۹, ۲۰۰۵.
۹. H.Ashrafi M.D, S.Nazarbaghi M.D, **R.Boostani M.D.** Report of compatibility of MRA and TCD findings in a patient with vertebrobasilar insufficiency. Urmia Medical Journal. Vol ۱۶, No. ۴, ۲۰۰۵.
۱۰. H.Ashrafi M.D, **R.Boostani M.D.** Report of a patient with two sewing needle in his brain. Iranian Journal of Medical Sciences. Vol ۳۲, No ۴ December ۲۰۰۷.

۱۱. H.Ashrafi M.D, **R.Boostani M.D.** Evaluation of therapeutic effects of Interferon beta ۱-a on relapsing remitting M.S, three years study. Urmia Medical Journal. Vol ۱۸, No ۴, P۶۵۷-۶۵۹. Winter ۲۰۰۸.
۱۲. A.Sarsarshahi M.D, **R.Boostani M.D.** Evaluations of risk factors of SAH. Journal of Mashhad University of Medical Sciences .Vol ۵۰, No: ۹۸, P: ۳۶۷-۳۷۰. Winter ۲۰۰۸.
۱۳. R Boostani, A Mellat Ardakani, H Ashrafi. Khorasan Disease in Azerbaijan: A Three Year study. Iran Red Crescent Med J ۱۳(۶): ۱-۳ ۲۰۱۱.
۱۴. Reza Boostani, Siavosh Derakhshan, Tramadol induced Seizure: A Three-year study. Caspian J Intern Med. ۲۰۱۲ Summer; ۳(۳): ۴۸۴-۴۸۷.
۱۵. Ahmad Zeilnali, Abolghasem Rahimdel, Reza Boostani, Ali Mellat. Diversity of Neuromuscular Disorders in Referred Patients to Electro Diagnostic Units of Yazd City. Iran Red Crescent Med J. ۲۰۱۳ Mar; ۱۵(۳): ۲۷۴-۲۷۵.
۱۶. Rosita Vakili, Faezeh Sabet, Sanaz Ahmadi, Reza Boostani, Houshang Rafatpanah, Ali Shamsian, S. A. Rahim Rezaee. Human T-lymphotropic Virus Type I (HTLV-I) Proviral Load and Clinical Features in Iranian HAM/TSP Patients: Comparison of HTLV-I Proviral Load in HAM/TSP Patients. Iran J Basic Med Sci. ۲۰۱۳ Mar; ۱۶(۳): ۲۶۸-۲۷۲.
۱۷. Ali Shoeibi, Mohammadmahdi Etemadi, Amir Moghaddam Ahmadi, Mona Amini, Reza Boostani. "HTLV-I Infection" Twenty-Year Research in Neurology Department of Mashhad University of Medical Sciences. Iranian Journal of Basic Medical Sciences. ۲۰۱۳; ۱۶(۳): ۲۰۹-۲۱۴.
۱۸. Reza Boostani, Hamidreza Saber, Mohammadmahdi Etemadi. Effects of Danazol on Clinical Improvement of Patients with Human T-cell Lymphotropic Virus Type I Associated Myelopathy/Tropical Spastic Paraparesis (HAM/TSP): A Placebo-Controlled Clinical Trial. Iranian Journal of Basic Medical Sciences. ۲۰۱۳; ۱۶(۳): ۲۲۰-۲۲۳.
۱۹. Reza Boostani, Ali Mellat, Reza Afshari, Siavash Derakhshan, Morteza Saeedi, Ehsan Rafeemanesh, Maryam Mellat. Delayed Polyneuropathy in Farm Sprayers Due to Chronic Low Dose Pesticide Exposure. Iranian Red Crescent Medical Journal. ۲۰۱۴ May; ۱۶(۵).
۲۰. Boostani R, Afkhamizade M, Shahri B, Ahmadi S. Evaluation of the frequency of polyneuropathy based upon the clinical and paraclinical findings in diabetic patients. Med J Mashhad Uni Med Sci. ۲۰۱۲; ۵۵: ۸۱-۸۷.
۲۱. Ghandehari K, Rezvani MR, Shakeri MT, Mohammadifard M, Ehsanbakhsh A, Mohammadifard M, Mirgholami A, Boostani R, Ghandehari K, Izadi-Mood Z. Inter-rater reliability of modified

- Alberta Stroke program early computerized tomography score in patients with brain infarction. *J Res Med Sci*. ۲۰۱۱ Oct; ۱۶(۱۰): ۱۳۲۶-۳۱.
۲۲. Ashrafi H, MD, Yazdizade H, MD, Boostani R, MD. Evaluation of variation in Ophthalmic Artery Flow in Anterior Optic Neuropathy. *Urmia Medical Journal*. ۲۰۰۹, ۹۷-۹۵: (۲) ۲۰.
۲۳. Ashrafi H, Boostani R. Report of a patient with AVM according to TCD and it's correlation with MRA. *Urmia Medical Journal*. ۲۰۰۹, ۲۲۲-۲۲۴: (۳) ۲۰.
۲۴. Behzad Feizzadeh Kerigh, Reza Boostani, Alireza Ghoreifi. Recurrent Spontaneous Rupture of the Urinary Bladder in a Patient With Human T-lymphotropic Virus Type ۱-Associated Myelopathy: A Case Report and Literature Review. *Nephro-Urology Monthly*. ۶(۲): e۱۱۷۶۴.
۲۵. Boostani R, Ghabeli Juibary A. Acute human T-lymphotropic virus type I-associated myelitis: a rare case successfully treated with intravenous pulse methylprednisolone. *J Neurovirol*. ۲۰۱۴ Aug; ۲۰(۴): ۴۲۳-۵.
۲۶. Mona Amini, Reza Boostani, Maryam Sahebari. Vasculitic Peripheral Neuropathy. *Rev Clin Med* ۲۰۱۴; Vol ۱ (No ۱).
۲۷. Biyouki F, Laimi K, Rahati S, Boostani R, Shoeibi A. Morphology of muscular function in chronic tension-type headache: a pilot study *Acta Neurol Belg*. ۲۰۱۵ Oct ۶.
۲۸. Shomali S, Avval FZ, Boostani R, Jarahi L, Youssefi M. Serum total antioxidant capacity status of HTLV-۱ infected patients. *Acta Virol*. ۲۰۱۵ Jun; ۵۹(۲): ۱۹۹-۲۰۳.
۲۹. Zahedi Avval F, Shomali S, Nadri M, Boostani R, Jarahi L, . individuals. *Acta Microbiol Immunol Hung*. ۲۰۱۵ Jun; ۶۲(۲): ۱۳۷-۴۵.
۳۰. Boostani R, Vakili R, Hosseiny SS, Shoeibi A, Fazeli B, Etemadi MM, Sabet F, Valizade N, Rezaee SA. Triple Therapy with Prednisolone, Pegylated Interferon and Sodium Valproate Improves Clinical Outcome and Reduces Human T-Cell Leukemia Virus Type ۱ (HTLV-۱) Proviral Load, Tax and HBZ mRNA Expression in Patients with HTLV-۱-Associated Myelopathy/Tropical Spastic Paraparesis. *Neurotherapeutics*. ۲۰۱۵ Oct; ۱۲(۴): ۸۸۷-۹۵.
۳۱. Bakhshae M, Sorouri A, Shoeibi A, Boustani R, Golhasani-Keshtan F, Amali A, Rajati M. Is human T-lymphotropic virus type ۱ infection associated with hearing loss? *Laryngoscope*. ۲۰۱۵ Apr; ۱۲۵(۴): ۹۵۶-۶۰.
۳۲. Reza Boostani, Fariborz Rezaeitalab, Behzad Pourmokhtari, Amirali Ghahremani. Sleep Apnea Headache. *Rev Clin Med* ۲۰۱۶; Vol ۳ (No ۱).
۳۳. Fariba Zemorshidi, Reza Boostani, Mohammad Mehdi Etemadi. Magnetic resonance imaging for Human T-cell lymphotropic

- virus type 1 (HTLV-1) associated myelopathy/tropical spastic paraparesis patients: a systematic review. *Rev Clin Med* 2010; Vol 2 (No 3).
34. Reza Boostani, Ali Poorzahed, Zahra Ahmadi, Ali Mellat. Median Nerve Somatosensory Evoked Potential in HTLV-I Associated Myelopathy. *Electronic Phys* 2016; Vol 8 (No 5).
 35. Reza Boostania, Behnaz Khazaia, Mohammad Khajedaluee. Demographic and clinical features of ALS in northeastern Iran from March 2007 through March 2013; A case series study. *Amyotroph Lateral Scler Frontotemporal Degener.* 2016 Apr-May; 17(3-4):270-4.
 36. Mostafa Almasi-Doghaee, Reza Boostani, Morteza Saeedi, Saeed Ebrahimzadeh, Amir Moghadam-Ahmadi, Mohammad Javad Saeedi-Borujeni. Carpal Compression test, Phalen test and Tinel test: which ones are more suitable for Carpal Tunnel Syndrome? *Iranian Journal of Neurology* (In press).

Proposals

1. Therapeutic effects of Danazole on HTLV-1 Associated Myelopathy (clinical trial).
2. Therapeutic effects of Botulinum toxin type A on spasticity after stroke.
3. Audiovestibular complications of HTLV-1.
4. Evaluation of polyneuropathy among farm sprayers of khorasan state.
5. Evaluation of VEP abnormalities among the patient with HAM/TSP.
6. Evaluation of diabetic polyneuropathy among the patients with diabetes mellitus.
7. Demographic assessment of Myasthenia Gravis in the patients who referred to Qaem hospital.
8. Demographic assessment of CIDP in the patients who referred to Qaem hospital.
9. Epileptogenicity of Tramadol (in progress).
10. Neuropsychiatric complications of the patients with HAM/TSP (in progress).
11. Clinical and Para clinical characteristics of Guillain-Barre syndromes in Khorasan province.
12. Median Nerve SSEP abnormalities among the patients with HAM/TSP.

Awards and Honors

- First ranked resident of promotion neurology exam, Mashhad University of Medical Sciences ۲۰۰۱, ۲۰۰۲, ۲۰۰۳ and ۲۰۰۴.
- First ranked National Iranian Neurology Pre-Board exam, ۲۰۰۴.

Experiences

۱. Diagnostic and therapeutic evaluations of patients with HTLV-I Associated Myelopathy, Polyneuropathy and Myopathy, ۲۰۰۰-۲۰۰۹.
۲. Electrodiagnostic studies (EMG/NCV/VEP/BAEP/SSEP/SFEMG) ۲۰۰۴-present.
۳. Practical usage of BTX.A on spasticity and movement disorders.

Interests

- Neuromuscular disorders.
- Electrodiagnosis
- Clinical and basic research on neurological complications of HTLV-۱.
- Botulinium toxin injection for spasticity and movement disorders.