

ERIK J. BELTRAN, MD, MS
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Summary of Clinical Expertise

Dr. Erik J. Beltran is a board-certified neurologist and a fellowship-trained sports neurologist with expertise in managing acute concussion, post-concussion syndrome and neurological conditions in athletes with a focus on long-term brain health.

Academic Training

05/2004	Bachelor of Science, Biology Creighton University, Omaha, NE
05/2007	Master of Science, Cell Biology, Neurobiology, & Anatomy Loyola University, Chicago, IL
05/2008	Post-Baccalaureate, Medicine University of Illinois at Chicago, Chicago, IL
05/2012	Doctor of Medicine University of Illinois at Chicago, Chicago, IL

Professional Training

07/2012-06/2013	Internship, Internal Medicine University of Michigan, Ann Arbor, MI
07/2013-06/2016	Residency, Neurology University of Michigan, Ann Arbor, MI
07/2016-06/2017	Fellowship, Sports Neurology The Sports Neurology Clinic, Brighton, MI

Employment

07/2017- present	Northshore University Health System Sports Neurologist, Department of Neurology
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Licenses and Certification

2016-present	Michigan Physician License
2016-present	Michigan Controlled Substance License
2016-present	DEA License
2016-present	American Board of Psychiatry and Neurology Certificate

2017-present Illinois Physician License
2017-present Illinois Controlled Substance License

Research Experience

07/2016-07/2017 Brighton Football Study: Sponsored by EIMindA, Ltd., Riddell, The MORE Foundation, and The Sports Neurology Clinic
Four-year study that aims to analyze the effects of head impacts on youth and high school football players.

Athletic Team Coverage

2016-2017 Team Physician
Western Michigan University, Kalamazoo, MI
2016-2017 Team Physician
Brighton High School Football, Brighton, MI

Memberships in Professional Societies

2012-present American Academy of Neurology
2013-present Sports Neurology Section, American Academy of Neurology

Lectures and Presentations

04/2013 University of Michigan Resident Lecture:
Disorders of Taste & Smell
12/2013 University of Michigan Resident Lecture:
Diseases of the Spinal Cord
08/2014 University of Michigan Resident Lecture:
The Neurology of Systemic Disease
07/2015 University of Michigan Resident Lecture:
Peripheral Nerve Injury in Sports
05/2016 Grand Rounds, University of Michigan Department of Neurology:
Concussion Pathophysiology, Acute and Initial Assessment &
Return to Play
10/2016 Guest Lecturer, Western Michigan University: The Sports
Neurology Examination: Evaluation and Treatment Strategies
02/2017 Big Sky Athletic Training and Sports Medicine Conference: Sports
Neurology Rounds: Challenging Cases in Return to Sports
Participation

Bibliography

Peer-Reviewed Publications

1. Marciniak CM, O'Shea SA, Lee J, Jesselson M, Dudas-Sheehan D, Beltran EJ, Gaebler-Spira DJ. 2014. **Urinary incontinence in adults with cerebral palsy: prevalence, type, and effect on participation.** PM&R 6(2):110-120.
2. Beltran EJ, Tsai SY, Papadopoulos CM, Kartje GL, Wolf WA. 2010. **Long-term motor improvement after stroke is enhanced by short-term treatment with the alpha-2 antagonist, atipamezole.** Brain Research 1346, 174-182.

Abstracts/Poster Presentations

1. Erik Beltran, Jeff Kutcher. **Diffuse axonal injury in professional motocross racing: A lack of evidence regarding management and return to sport.** American Academy of Neurology, Sports Concussion Conference, 2017.
2. Beltran EJ, Popovich M, Rose SC, Burke JF. **The effects of sleep duration on baseline neurocognitive concussion assessment measures.** American Academy of Neurology, Sports Concussion Conference, 2017.
3. Anthony Savino, Matthew McCarthy, Erik Beltran, Natalie Pizzimenti, Sean Rose. **Preseason Symptoms Scores and Abnormal Exam Findings in Youth and High School Football Players.** American Academy of Neurology Annual Meeting, 2017.
4. Matt McCarthy, Anthony Savino, Erik Beltran, Natalie Pizzimenti, Sean Rose. **Preseason Computerized Neurocognitive Testing in Youth and High School Football Players.** American Academy of Neurology Annual Meeting, 2017.
5. Beltran EJ, Popovich M, Burke JF, Rose SC. **The effects of sleep duration on baseline neurocognitive concussion assessment measures.** University of Michigan Neuroscience symposium, 2016.
6. Marciniak CM, Dudas-Sheehan D, O'Shea SA, Beltran EJ, Jesselson M, Gaebler-Spira DJ. **Why do Individuals with Cerebral Palsy Stop Ambulating?** American Academy of Physical Medicine & Rehabilitation, 2011.
7. Marciniak CM, Dudas-Sheehan D, O'Shea SA, Beltran EJ, Jesselson M, Gaebler-Spira DJ. **Urinary Incontinence in Adults with Cerebral Palsy: Incidence, Type, & Effects on Participation.** American Academy of Physical Medicine & Rehabilitation, 2011.
8. Papadopoulos CM, Tsai SY, Birjandi S, Beltran EJ, Kartje GL, Wolf WA. **Pharmacological Mechanism of Amphetamine Induced Recovery from Stroke in the Adult Rat.** Society for Neuroscience Annual Meeting, 2005.

