

ANTHONY K. SAVINO, MD
PROGRAM DIRECTOR
ILLINOIS BONE AND JOINT INSTITUTE SPORTS NEUROLOGY
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Summary of Clinical Expertise

Dr. Anthony K. Savino is a fellowship-trained sports neurologist with board-certifications in neurology and brain injury medicine. Dr. Savino has expertise in managing acute concussion and post-concussion syndrome with a focus on long-term brain health.

Professional Experience

07/2017-04/2018	Program Director, The Sports Neurology Clinic at Illinois Bone and Joint Institute
04/2018-Current	Program Director, Illinois Bone and Joint Sports Neurology

Academic Training

05/2004	Bachelor of Arts, Psychology University of Colorado, Boulder, CO
05/2007	Post-Baccalaureate Loyola University, Chicago, IL
06/2012	Doctor of Medicine Rush Medical College, Chicago, IL

Professional Training

07/2012-06/2013	Internship, Internal Medicine Loyola University Medical Center, Chicago, IL
07/2013-06/2016	Residency, Neurology Boston University Medical Center, Boston, MA

07/2016-7/2017	Fellowship, Sports Neurology The Sports Neurology Clinic, Brighton, MI
01/2021-06/2022	Fellowship, Electromyography VA Lovell FHCC, North Chicago, IL

Licenses and Certification

2012-2013	Illinois Physician License
2013-2016	Massachusetts Physician License
2016-2019	Michigan Physician License
2016-2019	Michigan Controlled Substance License
2016-present	DEA License
2017-present	Illinois Physician License 036.144012
2017-present	Illinois Controlled Substance License
2016-present	Board Certified in Neurology, American Board of Psychiatry and Neurology
2022-present	Board Certified in Brain Injury Medicine, American Board of Psychiatry and Neurology
7/2023-present	Wisconsin Physician License 82421-20

Teaching Experience

7/2015-6/2016	Chief Neurology Resident Regular lectures to residents and medical students Boston University Medical Center, Boston, MA
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Research Experience

7/2016-7/2017	Brighton Football Study: Sponsored by ElMindA, Ltd., Riddell, The MORE Foundation, and The Sports Neurology Clinic <i>Four-year study that aims to analyze the effects of head impacts on youth and high school football players.</i>
3/2021-3/2022	Quality Improvement in Electromyography: Sponsored by the CARES grant. <i>Quality improvement project aimed to enhance the documentation, safety and caliber of electromyography reports in veteran population.</i>

Athletic Team Coverage

2016-2017	Team Physician Western Michigan University, Kalamazoo, MI
2016-2017	Team Physician Brighton High School Football, Brighton, MI
2016-2017	Team Physician Dexter High School Football, Dexter, MI
2017-Current	Neurological Consultant Glenbrook North High School, Northbrook, IL
2017-Current	Neurological Consultant Glenbrook South High School, Glenview, IL
2017-Current	Neurological Consultant Lake Forest College, Lake Forest, IL
2017-Current	Neurological Consultant Chicago Wolves
2018-Current	Pool Physician USA Rugby
2023-Current	Team Physician Chicago Hounds

Concussion Oversight Committees

2019-Current	Niles North High School
2019-Current	Niles West High School
2019-Current	Glenbrook South High School
2021-Current	Warren High School

Departmental and University Committees

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| 07/2014-06/2016 | Committee of Interns and Residents
Boston University Medical Center, Boston, MA |
| 07/2015-06/2016 | Resident Selection Committee
Boston University Medical Center, Boston, MA |

Memberships in Professional Societies

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| 2008-present | American Medical Association |
| 2013-present | American Neurological Association |
| 2013-present | American Academy of Neurology |
| 2013-present | Sports Neurology Section, American Academy of Neurology |

Lectures and Presentations

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| 05/2016 | Boston University Medical Center Research Symposium:
Ultrasound-Guided Lumbar Puncture |
| 05/2016 | Grand Rounds, Boston University Medical Center: Autonomic
Dysfunction in mTBI and Implications for Concussion Management |
| 02/2017 | Big Sky Athletic Training and Sports Medicine Conference:
Autonomic Dysfunction in Concussion and Post-Concussion
Syndrome |
| 11/2017 | Illinois Athletic Training Association Annual Conference: Approach
to Athlete Long-Term Brain Health |
| 11/2017 | Central Suburban League Fall Conference: Approach to Athlete
Long-Term Brain Health |
| 01/2018 | Central Suburban League Winter Conference: Sleep and the
Athlete |
| 01/2018 | Athletico Winter Conference: Approach to Athlete Long-Term
Brain Health |
| 02/2018 | Big Sky Athletic Training and Sports Medicine Conference: Anxiety
and the Athlete |

04/2018	Highland Park High School Health Fair: The Importance of Sleep
11/2018	Annual Workman’s Compensation and Safety Conference: Approach to Workplace Concussions
11/2018	Illinois Bone and Joint Medical Symposium: Approach to Athlete Brain Health
11/2019	Illinois Bone and Joint Medical Symposium: Active Approach to Concussion Management
08/2020	North Shore YMCA: Assessment of Head Injuries and Concussion Management
03/2021	Great Lakes Athletic Training Association (GLATA): Assessment of Head Injuries and Concussion Management
08/2022	North Shore YMCA: Improving Brain Health in Adults and Athletes

Media

11/2018	Fox 32 News
03/2019	Chicago Parent Magazine
10/2022	IBJI Orthoinform Podcast

Bibliography

Papers

1. Natalie M. Pizzimenti, Anthony K. Savino, Matthew T. McCarthy. *Sleep correlates of brain network activation and clinical measurements in American football players.* Transl Sports Med. 2019; 1-10.
2. Savino AK, Huang L, Yang J, Pizzimenti MS, McCarthy MT, Rose SC. *Head impact burden differs between seasons in youth and high school US football players.* Annals of Biomedical Engineering. 2020 June 18.

3. Matthew T McCarthy M.D., Sarah Janse Ph.D., Natalie M Pizzimenti M.S., Anthony K Savino M.D., Brian Crosser B.A., Sean C Rose M.D. *Proposal of a functional impairment symptom scale for acute concussion*. Journal of Child Neurology. Accepted July 2, 2020.
4. Matthew T McCarthy M.D., Anthony K. Savino M.D. *Nonfreezing cold injury in a pediatric hiker*. Journal of Pediatric Neurology. Accepted August 6, 2020.

Posters

1. Anthony K. Savino. Benefit of ultrasound-guided lumbar puncture with focus on resident training. Boston University Research Symposium, 2015.
2. 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, AAN Sports Concussion Conference 2017.
3. 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, AAN Sports Concussion Conference 2017.
4. Anthony Savino, Bharathi Swaminathan. Improving Quality Metrics in Electrodiagnostic Testing in Veterans with Traumatic Brain Injury and Post-Traumatic Stress Disorder. VA Research Symposium 2022, American Association of Neuromuscular and Electrodiagnostic Medicine Annual Conference 2022.

Letters

1. Anthony K. Savino, Michael D. Perloff. Epidural glucocorticoid injections for spinal stenosis, interlaminar at the worst level. *Pain Medicine*, 2015; DOI: 10.1111/pme.12901.

Last Edited: 11/8/23