# Industrial Athletic Training: Understanding an Emerging Setting

#### Allan Parsells, MS, LAT, ATC Sara Rodriguez, MS, LAT, ATC, CEAS I



#### Disclosure

Allan Parsells and Sara Rodriguez are both full time employees of Amazon.com. The opinions and viewpoints presented here are not the opinions or viewpoints of Amazon.com or its subsidiaries.

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## **About the Speaker**

- Allan Parsells:
- Site Lead Workplace Health and Safety Manager – Amazon LGA9
- Previous experience:
  - Days WHSM @ Amazon 2021-2023
  - IPS @ Amazon 2020-2021
  - Head AT @ Oratory Prep 2013-2020
  - Assistant AT @ Stevens Institute of Technology 2011-2013
- Fun Fact: I am 5<sup>th</sup> cousins with Joe DiMaggio



## **About the Speaker**

- Sara Rodriguez:
- Regional Injury Prevention Manager-Amazon (NJ/DE/MA)
- Previous experience:
  - IPS @ Amazon 2019-2021
  - Clinical Surgical Assistant @ Rothman Orthopaedics 2018-2019
  - Graduate Assistant ATC @ William Paterson University 2016-2018
- Fun Fact: I am a big traveler! Heading to Italy this May (my 4th country in Europe).



# **Objectives**

1. Differentiate between the job scope of an athletic trainer working in the industrial setting and that of an athletic trainer in the traditional setting.

2. Recognize OSHA's role in defining the scope of practice for an athletic trainer in the industrial setting.

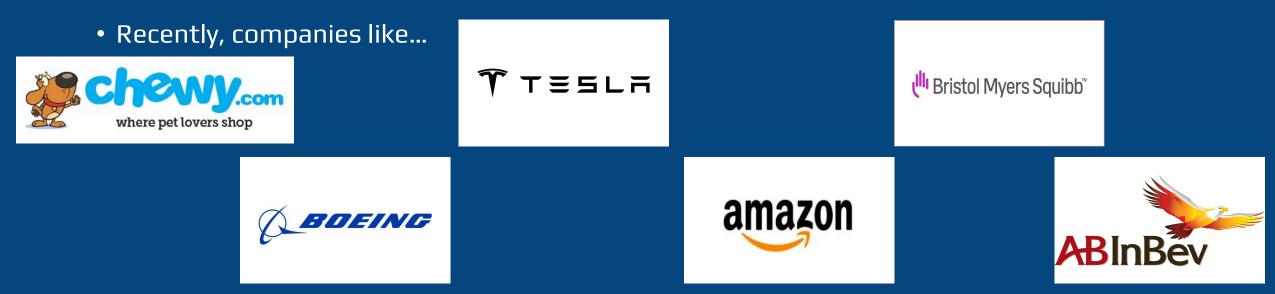
3. Discuss how the athletic trainer plays a role within an employer's Worker's Compensation costs.

4. Understand how an athletic trainer in the industrial setting uses data to drive change within business lines.



## Industrial Athletic Training

• In the 2021 NATA Salary Survey, "Industrial Athletic Trainer" and "Injury Prevention Specialist" were not in the top 10 most reported job titles.



 According to Glassdoor.com, the Industrial Athletic Trainer compensation scale in the US ranges from \$58,000 to \$91,000 with an average of \$73,000 which would be 2<sup>nd</sup> highest paid setting based on the 2021 NATA salary survey.

# Industrial Athletic Training Scope

BOC Practice Domains (8th ed.)	Traditional ATC	Industrial ATC
Risk Reduction, Wellness, and Health Literacy	PPEs Medical timeouts/coaches seminars Monitoring weather conditions Ensuring playing surface safety	PPE (personal protective equipment) Preventative wellness program Ergonomic coaching Employee safety onboarding
Assessment, Evaluation, and Diagnosis	Obtain a thorough history Perform injury evaluation Diagnosis or clinical impression Create a Plan of Care for the athlete	Obtain a thorough history Perform injury evaluation and ergonomic assessment (if applicable) Clinical impression Create a treatment protocol for the employee
Critical Incident Management	Creation and implementation of EAP	Execute the EAP as part of the site team
Therapeutic Intervention	Educate patient on rehab process Create and implement rehabilitation treatment plan and re-evaluate for RTP Administer therapeutic modalities and manual therapy techniques	Educate employees on the healing process Perform OSHA First Aid treatment as needed Assess functional status, body mechanics for RTW Minimal use of modalities and manual therapy
Healthcare Administration and Professional Responsibility	Develop policies/procedures/plans for athlete care Practice within Federal and State Rules and Regulations Standardize documentation procedures	Updating and enforcing policies and procedures (OSHA) Deep dive injury trends to improve workplace safety and ergonomics Practice within State and OSHA regulations Manage Worker's Compensation

# **Occupational Safety and Health Administration (OSHA)**



- Management Leadership
- Worker Participation
- Hazard Identification and Assessment
- Hazard Prevention and Control
- Education and Training
- Program Evaluation and Improvement
- Coordination and Communication on Multi-Employer Worksites

#### **OSHA First Aid**





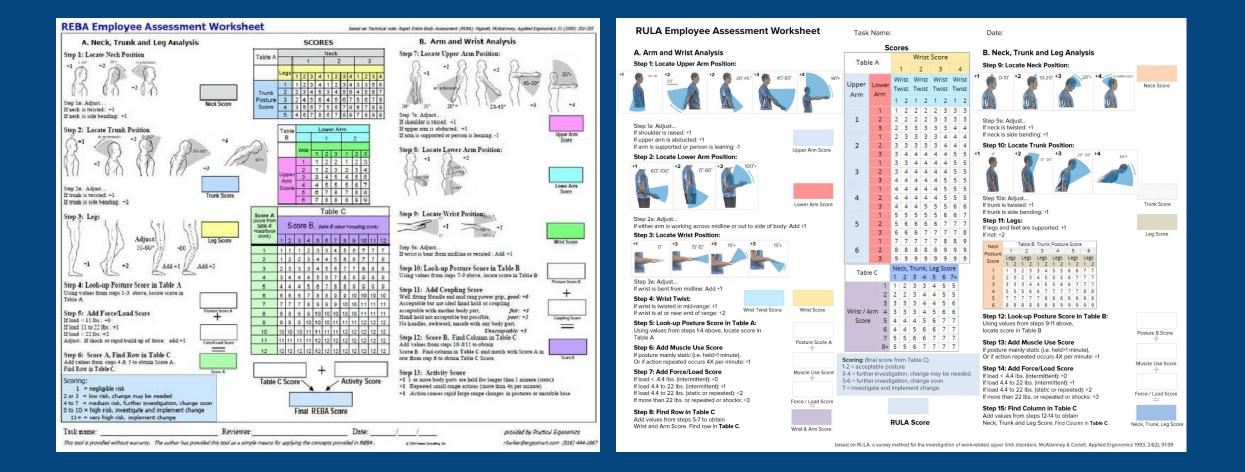
- Hot and cold therapies
- Massage
- Superficial wound and burn care
- OTC medication administration
- Non-rigid supports
- Hydration/Heat illness mitigation
- Draining blisters/nails

# Ergonomics

- Certifications for ATs
  - CEAS I-IV
  - Workplace Ergonomic Specialist
- Employee Training
  - Onboarding
  - Wellness programs
  - Body positioning
- Preventative Coaching
  - Power zone work
  - Proper gripping and handling
  - Body positioning
- Assessments
  - REBA
  - RULA
  - Snook Tables



#### **Ergonomic Tools for the Workplace**



#### **Worker's Compensation**

What is the role of the Industrial Athletic Trainer in the WC Process?

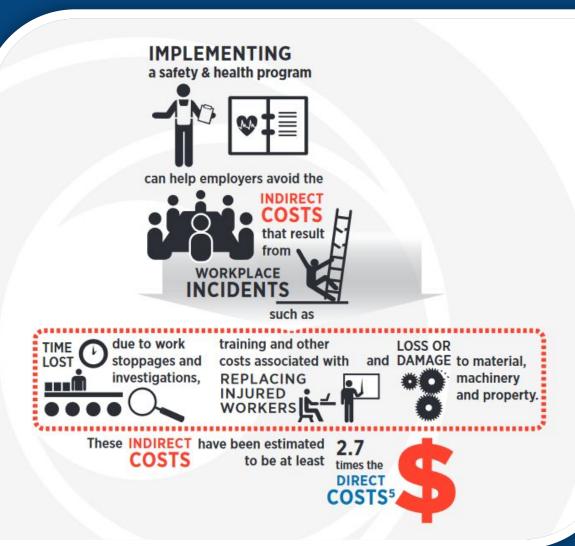
- Drive incident reporting
- Triage of injuries as they occur to determine severity
- Documentation for claims
- Education of the employee of the WC process
- Determining employee job functions within given restrictions



# **Benefits for the Employer**

Why employers hire Industrial Athletic Trainers

- 1. Ensure proper safety procedures are followed in the workplace
- 2. Higher quality of care for onsite injures
- 3. Elevated employee experience
- 4. Decreased WC claims and costs
- 5. Less employee time away from work and increased productivity
- 6. Faster injury response
- 7. Emergency action expertise
- 8. Critical thinking for metrics evaluation



## **Benefits for the Employee**

Why employees love Industrial Athletic Trainers

- 1. Engagement
- 2. Education
- 3. Quality of evaluation and treatment
- 4. Mental health resource
- 5. Less time away from work
- 6. Health and Wellness Programs available



# The Day-to-Day of the Industrial Athletic Trainer

- Employee engagement and education
- Injury evaluation, treatment and documentation
- Injury trend analysis and reporting
- Injury mitigation projects and initiatives
- Partnership with site teams and leadership
- Preventative ergonomic coaching and assessments
- Administrative tasks



#### Resources

*Best Practices Guide: Fundamentals of a Workplace First-Aid Program*. Occupational Safety and Health Association; 2006. https://www.osha.gov/sites/default/files/publications/OSHA3317first-aid.pdf

Workers' Compensation Costs. Injury Facts. National Safety Council. https://injuryfacts.nsc.org/work/costs/workers-compensation-costs/

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#### **Questions?**



#### **Thank You**

