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## **Position Specific Injury Patterns in Male Developmental Academy Soccer Players**

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# Position Specific Injury Patterns in Male Developmental Academy Soccer Players

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McKenna Noe, BS; Brian Harvey, DO

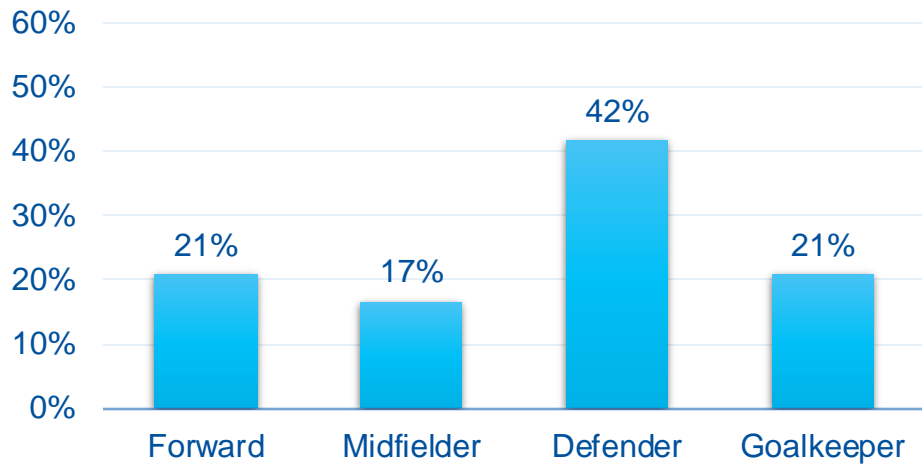
# Methods

- Retrospective review of U12-U19 over three seasons
  - 2019-2020, 2020-2021, and 2021-2022
- Data grouped by team and position
- Identified and classified injury rates and types
  - Fuller et. al. Consensus Statement on Injury Definitions and Data Collection Procedures in Studies of Football (Soccer) Injuries
  - IOC Consensus Statement on Recording and Reporting Injury
- Logistic regression models used to compare odds ratios

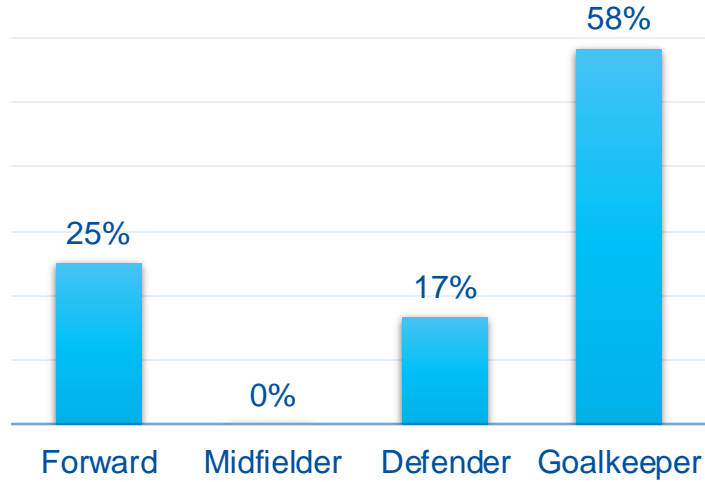
# Injury Rates

Position	# Athletes	# Injuries	Incidence rate (Injuries per player)
Forward	60	85	<b>1.42</b>
Midfielder	50.5	62	<b>1.23</b>
Defender	64.5	84	<b>1.30</b>
Goalkeeper	26	28	<b>1.08</b>
Total	201	259	<b>1.29</b>

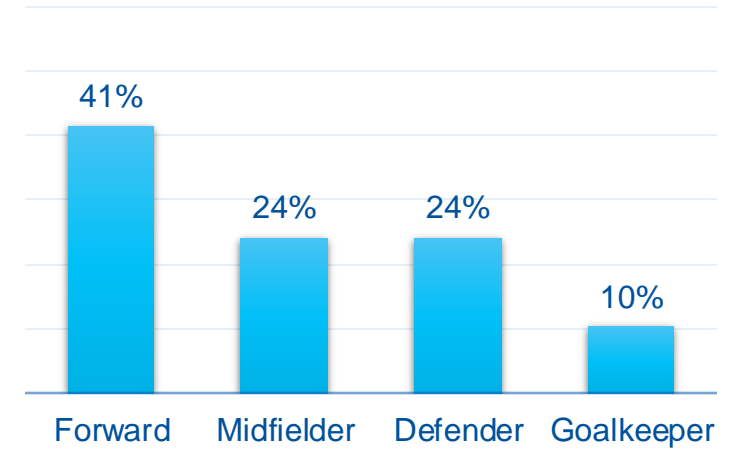
### Concussion N=24



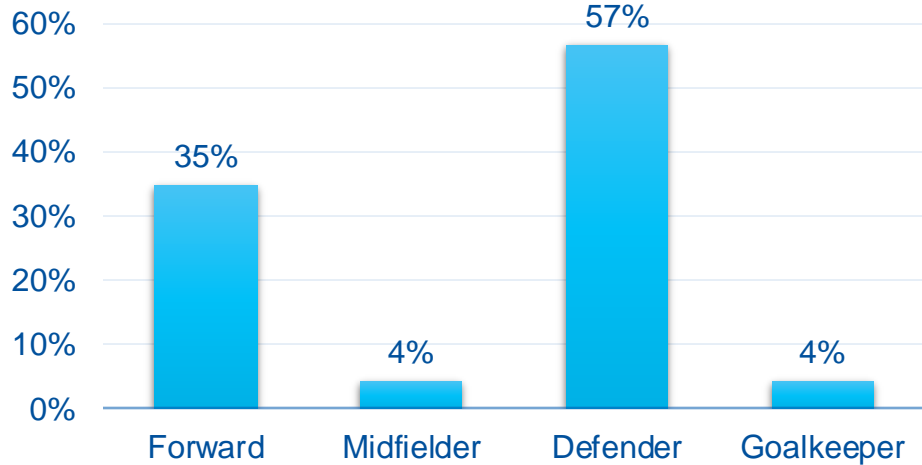
### Fracture N=12



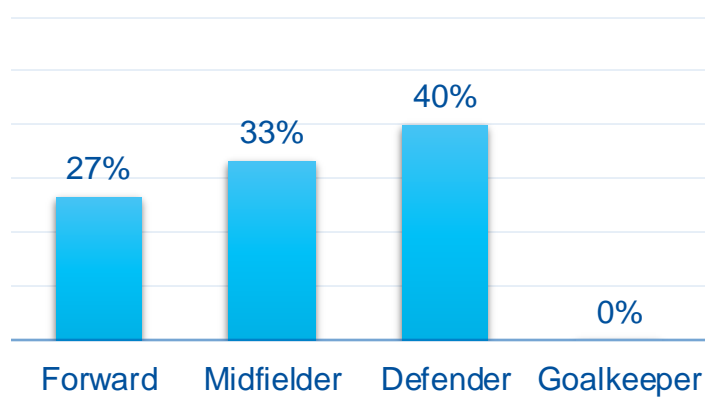
### Knee Injury N=29



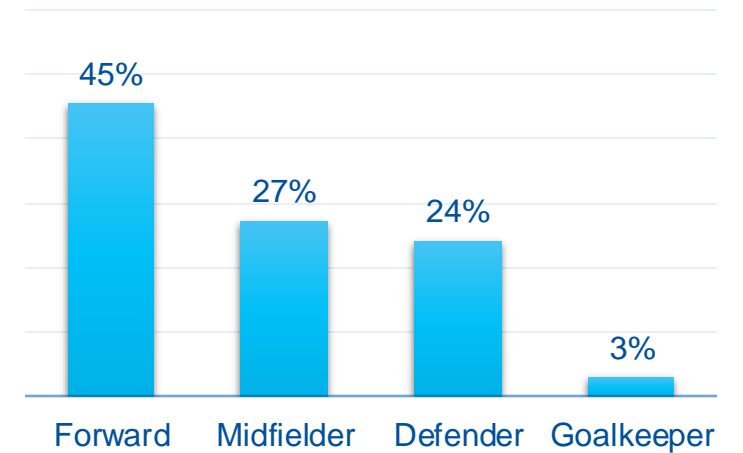
### Hamstring Strain N=23



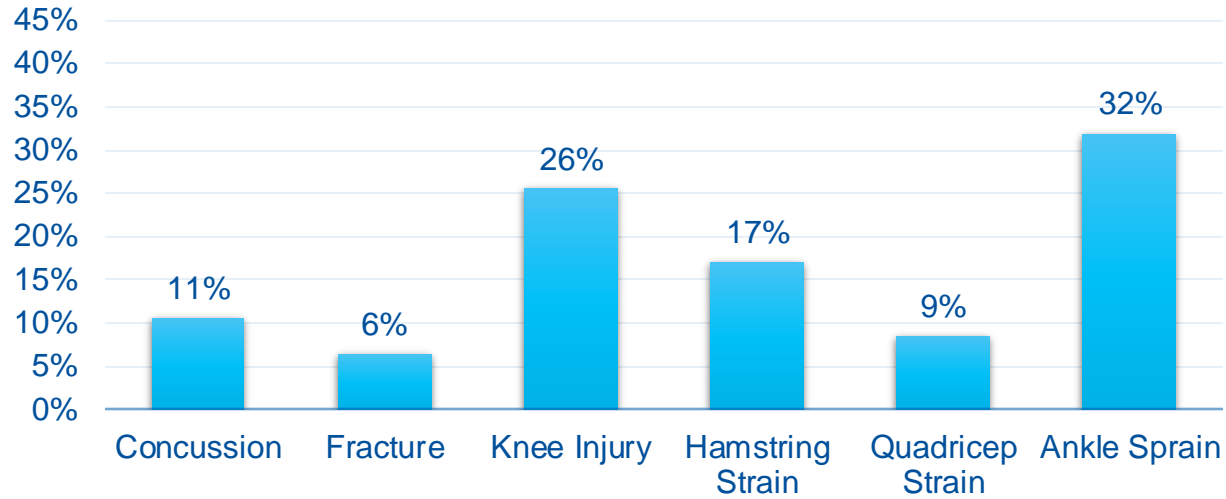
### Quadriceps Strain N=15



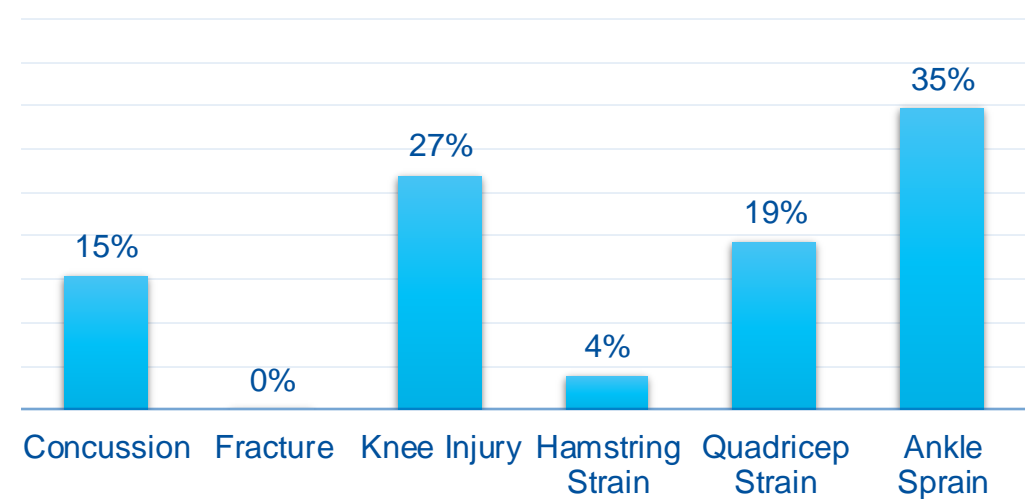
### Ankle Sprain N = 33



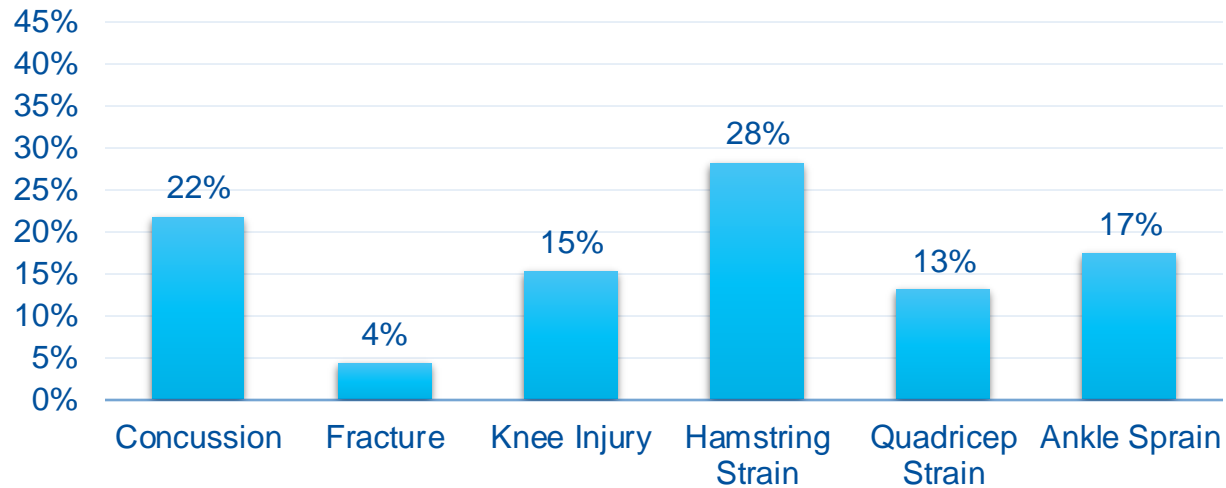
## Forward N=47



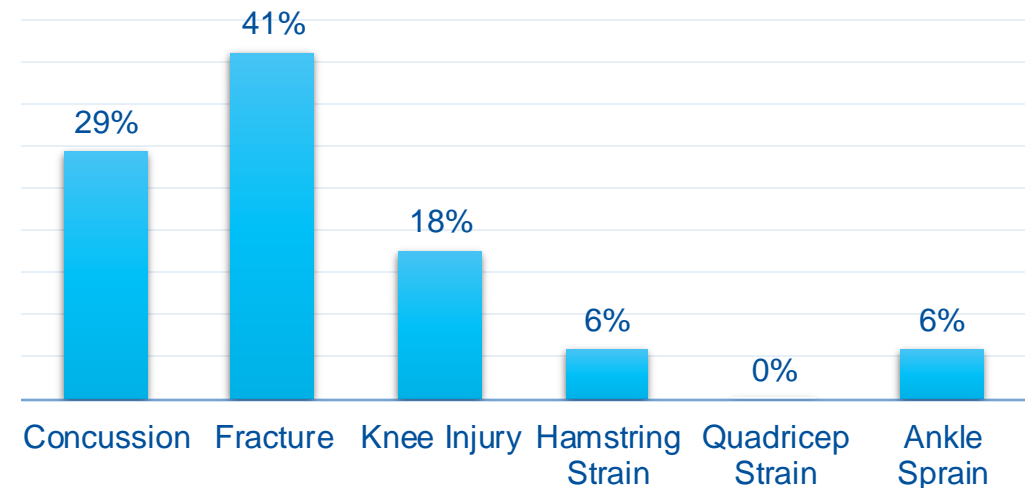
## Midfielder N=26

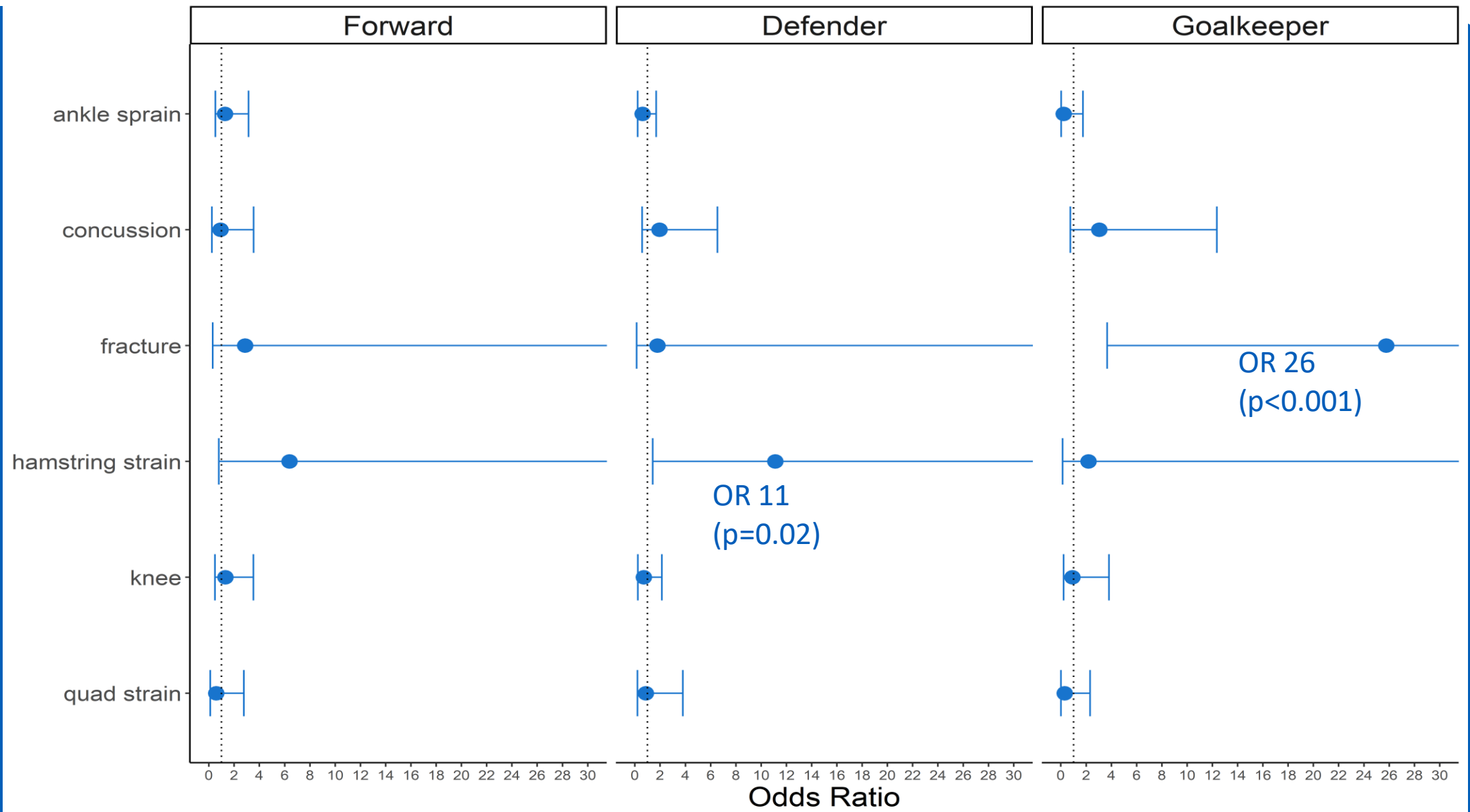


## Defender N=46



## Goalkeeper N=17





Odds ratios are based on using Midfielders as the reference group  
x-axis restricted for readability

# Limitations and Future Directions

- Regional academy
- Only male athletes
- Examine injury severity
- Stratify by age and position



# Acknowledgements

- Brian Lee, PhD, MPH
- Athletic Trainers and Sports Medicine Physicians with the Academy

