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Review of Factors Influencing ACL Tear in Football Players: A Descriptive Analysis

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1. Round 1

1.1 Reviewer 1

Date: 02 November 2024

Reviewer:

Consider clarifying how the thematic areas were determined (e.g., pre-defined criteria, expert consensus) to strengthen the methodological transparency.

Provide recent statistics or comparative data across different levels of play (e.g., professional vs. amateur) to contextualize the urgency.

Justify the choice of this specific timeframe and consider addressing how earlier foundational studies were treated.

Include biomechanical models or figures to visually explain the relationship between landing mechanics and ACL stress.

Define "player dynamics" more precisely and provide examples to ensure conceptual clarity.

Consider discussing how these gender differences might inform gender-specific training protocols.

Provide more detail on how menstrual cycle phases are monitored in research and applied to injury prevention.

Extrinsic Factors

Specify whether this is based on amateur, youth, or professional data, as the type of league might influence findings.

Propose potential solutions or global collaborative efforts to address these disparities.

Authors revised the manuscript and uploaded the updated document.

1.2 Reviewer 2

Date: 03 November 2024

Reviewer:

Include specific evidence or quantitative data to substantiate the claim of efficacy, which would make the conclusion more robust.

Elaborate on the specific biomechanical factors (e.g., valgus knee angle) that are most implicated in football-related ACL injuries to align with the focus on prevention.

Specify the threshold for what constituted "high-quality studies" and mention whether inter-rater reliability was measured during assessments.

Consider adding references to systematic reviews that explore hormonal impacts in greater depth to enhance scientific rigor.

Expand on these regional variations with specific examples or comparative data to illustrate disparities.

Discuss whether the article considers cleat-stud configurations and their specific interaction with various surfaces.

Add quantitative outcomes (e.g., percentage reduction in injury rates) to substantiate claims of the program's effectiveness.

Include examples of specific exercises or protocols that have been validated in scientific studies.

Suggest elaborating on how hormonal interventions (e.g., oral contraceptives) might mitigate risk.

Authors revised the manuscript and uploaded the updated document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.

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