

Injury prevention strategies in football: a scoping review

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Review Title

Injury prevention strategies in football: a scoping review.

Anticipated or actual start date

October 2017

Anticipated or actual completion date

February 2018

Stage of review at time of submission

The review has not yet started

Review stage

	Started	Completed
Preliminary searches	Yes	No
Piloting of the study selection process	No	No
Formal screening of search results against eligibility criteria	No	No
Data extraction	No	No
Risk of bias (quality) assessment	n/a	n/a
Data analysis	No	No

Review team detail

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Funding sources/sponsors

None

Conflict of interest

None known

Collaborators

None

Review question(s)

The aim of this scoping review is to get an overview of injury preventive strategies in football and thereby identify knowledge gap in the existing literature on injury prevention in football.

Searches

The literature search will be carried out in the following databases: MEDLINE via PubMed, EMBASE via Ovid, CINAHL (including preCINAHL) via EBSCO, the Cochrane Central Register of Controlled Trials (CENTRAL) Sport Discus and Web of Science all up to September 2017.

Furthermore, the reference lists of included studies and systematic reviews from the last five years on prevention of injuries in sports will be scrutinized for relevant studies.

Search strategy

The following search terms will be used for the literature search: prevention, implementation, injury, football or soccer. They will be combined with the Boolean operators OR/AND and

searched as title/abstract (i.e. tiab), keyword and as mesh terms (i.e. MeSH), when possible in the following bibliographic databases with no restriction on publication year and language.

Types of study to be included

We will include systematic reviews (SR), randomized controlled trials (RCT) and any other study investigating an injury prevention strategy in football regardless of participant age, sex and professional/non-professional status.

Condition or domain being studied

Injury prevention strategies in football.

Participants/population

Inclusion criteria:

Studies including human individuals participating in an injury prevention intervention in football (i.e. soccer).

Intervention

Injury preventive strategy in football (i.e. soccer).

Comparator(s)/control

Not applicable

Outcome(s)

Type of injury prevention strategies used, for which participants, and for which injuries.

Data extraction (selection and coding)

Two members of the study team (AB and MB) will independently extract the following mandatory information from the included articles, as suggested by Levac et al and the Joanna Briggs Institute:

- Author(s),
- Year of publication,
- Source origin/country of origin,
- Study design (e.g. RCT, cohort, etc.),
- Aims/purpose,
- Study population characteristics (e.g. Age, sex, BMI, professional/amateur)
- Intervention characteristics (e.g. Type, equipment used and compliance)
- Comparator (if applicable),
- Injury characteristics (e.g. Diagnosis, severity and location),

Authors will be contacted if the data cannot be extracted from the included articles.

Risk of bias (quality) assessment:

Not applicable, since this is a scoping review

Strategy for data synthesis

We will summarize studies narratively and either in a diagrammatic or tabular form the injuries preventive strategies used and their characteristics. Finally we will identify knowledge gap in the existing literature, to prioritize the future conduct of systematic reviews in this area.

Analysis of subgroups or subsets

None planned

Dissemination plans

The results of this scoping review will be available in peer-reviewed journals and presented at (inter)national conferences and the findings will be disseminated to policymakers, practitioners and the public via a multiplatform approach, including social media.

Study group (in author order):

Alessio Bricca, Carsten Juhl, Mario Bizzini, Thor Einar Andersen and Kristian Thorborg.

Assignments/tasks:

Protocol draft: Alessio Bricca.

Review and input on protocol draft: Carsten Juhl, Mario Bizzini, Thor Einar Andersen and Kristian Thorborg.

Search development: Alessio Bricca and Carsten Juhl.

Conducting search and preparing file for screening: Alessio Bricca.

Screening and study selection: Alessio Bricca and Kristian Thorborg.

Data extraction: Alessio Bricca and Mario Bizzini.

Data analysis: Alessio Bricca and Kristian Thorborg.

Preparation of first manuscript draft: Alessio Bricca.

Review of manuscript draft: Carsten Juhl, Mario Bizzini, Thor Einar Andersen and Kristian Thorborg.