

## Appendix I: Search Strategy

Search Strategy	Number of articles
<b>CINAHL:</b> ( (baseball OR football OR soccer OR hockey OR basketball OR skiing OR snowboarding OR tennis OR rugby OR softball OR wrestling OR rowing OR fencing OR lacrosse OR swimming OR racquet OR diving OR sport* OR athletic* OR athlete* OR recreation* activity) AND (Athletic injuries OR injuries OR injury OR injured OR sprain OR strain OR contusion OR concussion) AND (prevention OR preventive OR preventative) ) and ( ((Random* Control* Trial*) OR (Control* Clinical* Trial*) OR (Random Allocation) OR (Double-blind) OR (Single-Blind))	75
<b>PUBMED:</b> (((randomized controlled trial.pt.) OR (controlled clinical trial.pt.) OR (randomized controlled trial/) OR (random allocation/) OR (Double-blind method/) OR (single-blind method/)) OR ((clinical trial.pt.) OR (explode Clinical Trials/) OR ((clinic\$ adj25 trial\$) AND .tw.) OR (((singl\$ OR doubl\$ OR trebl\$ OR tripl\$) AND (mask\$ OR blind\$)) AND .tw.) OR (Placebos/) OR (Placebo\$.tw.) OR (random\$.tw.) OR (research design/) OR ((latin adj square) AND .tw.)) OR ((Comparative Study/) OR (explode Evaluation Studies/) OR (Follow-up studies/) OR (prospective studies/) OR ((control\$ OR prospectiv\$ OR volunteer\$) AND .tw.) OR (cross-over studies/)) NOT (Animal/ NOT Human/) AND ((baseball OR football OR soccer OR hockey OR basketball OR skiing OR snowboarding) OR tennis OR rugby OR softball OR wrestling OR rowing OR fencing OR lacrosse OR swimming OR racquet OR diving OR sport\$ OR athletic\$ OR athlete\$ OR recreation\$ activity) AND ((Athletic injuries[MeSH]) OR (injuries) OR (injury) OR (injured) OR (sprain) OR (strain) OR (contusion) OR (concussion)) AND ((prevention) OR (preventive) OR (preventative))	2250
<b>WEB OF SCIENCE:</b> Topic=(((Sport* OR Athletic* OR Athlete) AND (Injur*) AND (Prevent*))) AND Topic=((Random* Control* Trial*) OR (Control* Clinical* Trial*) OR (Random Allocation) OR (Double-blind) OR (Single-Blind))	126
<b>EMBASE:</b> ((baseball or football or soccer or hockey or basketball or skiing or snowboarding or tennis or rugby or softball or wrestling or rowing or fencing or lacrosse or swimming or racquet or diving or sport* or athletic* or athlete* or recreation* activity) and (Athletic injuries or injuries or injury or injured or sprain or strain or contusion or concussion) and (prevention or preventive or preventative) and (Random* Control* Trial* or Control* Clinical* Trial* or Random Allocation or Double-blind or Single-Blind)).mp. [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer name]	74