Search strategy used in PubMed database

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| Search Topic | # | Search Terms |
| **Population:**Lateral Epicondylitis  | #1 | "(Tennis Elbow"[Mesh]) OR (Lateral Epicondylitis[All Fields])OR (Latearl Epi\*[All Fields]) |
|  | #2 | ("Elbow tendinopathy"[MeSH Terms] OR "tennis elbow"[All Fields] |
|  | #3 | (inflammatory[All Fields]) AND (tendinotpathy[All Fields]) AND (elbow[All Fields]) |
|  | *#*4 | #1 OR #2 OR #3  |
| **Intervention:**Platelet rich plasma | *#*5 | "Platelet rich plasma"[Mesh]  |
|  | #6 | "PRP"[All Fields]  |
|  | #7 | ("Autologous"[All Fields]) OR "Allogenic"[All Fields])) AND ("PRP"[All Fields])) |
|  | #8 | #5 OR #6 OR #7 |
|  | #9 | #4 AND #8 |
| **Study design:**RCTs | #10 | ("clinical trial"[All Fields] OR "clinical trials as topic"[MeSH Terms] OR "clinical trials"[All Fields]OR “case series”[All Fields] OR “"randomized controlled trial"[All Fields] OR "randomized controlled trials as topic"[MeSH Terms] OR "randomized controlled trial"[pt] OR "controlled clinical trial"[pt] OR "randomized"[tiab] OR "randomly"[tiab] OR "trial"[ti] OR "randomised controlled trial"[All Fields] OR "randomized controlled trial"[pt]  |
|  | #11 | #9 AND #10 |
|  | #12 | (“biography”[Publication Type] OR “comment”[Publication Type] OR “directory”[Publication Type] OR “editorial”[Publication Type] OR “festschrift”[Publication Type] OR “interview”[Publication Type] OR “lecture”[Publication Type] OR “legal case”[Publication Type] OR “legislation”[Publication Type] OR “letter”[Publication Type] OR “news”[Publication Type] OR “newspaper article”[Publication Type] OR “patient education handout”[Publication Type] OR “popular work”[Publication Type] OR “congress”[Publication Type] OR “consensus developmentconference”[Publication Type] OR “consensus development conference, nih”[Publication Type] OR “practice guideline”[Publication Type]) OR “Review”[Publication Type])  |
|  | #13 | #11 NOT #12 |