

Appendix: Search Strategy

Cochrane Library: All trials searched for all publication dates

#1: MeSH descriptor: [Alopecia] explode all trees - 559 results

#2: MeSH descriptor: [Platelet-Rich Plasma] explode all trees - 374 results

#3: alopecia OR androgenetic alopecia OR androgenic alopecia OR male pattern baldness OR female pattern baldness OR hair loss OR hair disorder OR hair restoration OR hypotrichosis OR hair disease OR hair follicle OR hair growth OR hair restoration - 5412 results

Word variations have been searched and content type was limited to Trials

#4: platelet rich plasma OR prp OR platelet-rich plasma OR platelet gel OR autologous conditioned plasma OR acp OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR platelet-rich fibrin OR thrombocyte rich plasma OR platelets - 27229 results

Word variations have been searched and content type was limited to Trials

#5: #1 OR #3 - 5412 results

#6: #2 OR #4 - 27229 results

#6: #5 AND #6 - 96 results

Ovid Embase 1974 to 2019 Week 23, and **Ovid MEDLINE(R)** and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to June 11, 2019

1 (alopecia or androgenetic alopecia or androgenic alopecia or male pattern baldness or female pattern baldness or hair loss or hair disorder or hair restoration or hypotrichosis or hair disease or hair follicle or hair growth or hair restoration).mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] - 111663 results

2 (platelet rich plasma OR prp OR platelet gel OR autologous conditioned plasma OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR thrombocyte rich plasma) .mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] - 92456 results

#3 1 AND 2 - 417 results

#4 remove duplicates from 3 - 282 results

Clinicaltrials.gov: All studies and all study results were searched

#1: Conditions or disease: (alopecia OR androgenetic alopecia OR androgenic alopecia OR male pattern baldness OR female pattern baldness OR hair loss OR hair disorder OR hair restoration OR hypotrichosis OR hair disease OR hair follicle OR hair growth OR hair restoration)

#2: Other terms: (platelet rich plasma OR prp OR platelet gel OR autologous conditioned plasma OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR thrombocyte rich plasma)

World health organization clinical trials registry:

#1: alopecia OR androgenetic alopecia OR androgenic alopecia OR male pattern baldness OR female pattern baldness OR hair loss OR hair disorder OR hair restoration OR hypotrichosis OR hair disease OR hair follicle OR hair growth OR hair restoration

AND

#2: platelet rich plasma OR prp OR platelet gel OR autologous conditioned plasma OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR thrombocyte rich plasma)

EBSCO

#1: alopecia OR androgenetic alopecia OR androgenic alopecia OR male pattern baldness OR female pattern baldness OR hair loss OR hair disorder OR hair restoration OR hypotrichosis OR hair disease OR hair follicle OR hair growth OR hair restoration

AND

#2: platelet rich plasma OR prp OR platelet gel OR autologous conditioned plasma OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR thrombocyte rich plasma

Web of Science

1 TS=(alopecia OR androgenetic alopecia OR androgenic alopecia OR male pattern baldness OR female pattern baldness OR hair loss OR hair disorder OR hair restoration OR hypotrichosis OR hair disease OR hair follicle OR hair growth OR hair restoration)

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years

#2 TS=(platelet rich plasma OR prp OR platelet gel OR autologous conditioned plasma OR platelet rich growth factor OR prgf OR platelet activation OR platelet concentrate OR platelet rich fibrin OR prf OR thrombocyte rich plasma OR plasma exchange)

Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years

#3 #2 AND #1 – 240 results

*Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI,
CCR-EXPANDED, IC Timespan=All years*