

Supplementary table 1 - Search strategy

Embase.com	1289	1276
Medline (ovidSP)	838	173
Web-of-science	726	215
Scopus	1317	195
CINAHL	436	122
PubMed publisher	46	25
Cochrane	20	1
Google Scholar	200	52
Sportdiscus	508	157
Total	5380	2216

Duplicates removed: 3164

Embase.com - 1289

('inguinal pain'/de OR ((pain/exp OR injury/exp OR tendinitis/de OR osteitis/de OR 'tendon injury'/exp OR 'muscle strain'/exp OR 'cumulative trauma disorder'/de) AND ('inguinal region'/exp OR 'inguinal hernia'/de OR 'pubis symphysis'/de OR 'iliopsoas muscle'/de OR 'rectus abdominis muscle'/de OR 'abdominal wall'/exp OR 'pubic bone'/de)) OR (((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) NEAR/3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) NEAR/6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR 'rectus abdominis' OR 'abdominal rectus' OR 'rectus abdominal' OR 'abdominal wall'))):ab,ti) AND (athlete/de OR sport/exp OR 'sport injury'/exp OR 'sports medicine'/de OR (athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*):ab,ti)

Medline (ovidSP) - 838

((exp pain/ OR exp "Wounds and Injuries"/ OR injuries.xs. OR osteitis/) AND ("groin"/ OR "Inguinal Canal"/ OR "Hernia, Inguinal"/ OR "Pubic Symphysis"/ OR "Rectus Abdominis"/ OR "Abdominal Wall"/ OR "Pubic Bone"/)) OR (((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) ADJ3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR

pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) ADJ6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR "rectus abdominis" OR "abdominal rectus" OR "rectus abdominal" OR "abdominal wall"))).ab,ti.) AND (athletes/ OR exp sports/ OR exp "Athletic Injuries"/ OR "sports medicine"/ OR (athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*).ab,ti.)

Web-of-science - 726

TS((((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) NEAR/3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) NEAR/6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR "rectus abdominis" OR "abdominal rectus" OR "rectus abdominal" OR "abdominal wall")))) AND ((athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*))

Scopus - 1317

TITLE-ABS-KEY((((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) W/3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) W/6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR "rectus abdominis" OR "abdominal rectus" OR "rectus abdominal" OR "abdominal wall")))) AND ((athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*))

CINAHL - 436

(MH "Groin Pain" OR MH "Sports Hernia" OR ((MH pain+ OR MH "Wounds and Injuries+" OR MH osteitis+) AND (MH "groin+" OR MH "Hernia, Inguinal+" OR MH "Pubic Symphysis+" OR MH "Rectus Abdominis Muscles+" OR MH "Pubic Bone+")) OR (((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) N3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) N6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR "rectus abdominis" OR "abdominal rectus" OR "rectus abdominal" OR "abdominal wall")))) AND (MH athletes+ OR MH sports+ OR MH "Athletic Injuries+" OR MH "sports medicine+" OR (athlet* OR

sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*)

PubMed publisher - 46

(((((Athlet*[tiab] OR Incipient[tiab] OR sport*[tiab] OR hockey[tiab] OR soccer*[tiab] OR footbal*[tiab] OR rugby) AND (Pubalgia*[tiab] OR herni*[tiab] OR groin*[tiab])) OR ((gilmore*[tiab] OR disrupt*[tiab] OR pain[tiab] OR injur*[tiab] OR pain*[tiab] OR symphysit*[tiab] OR tendinit*[tiab] OR tendonit*[tiab] OR tendinopat*[tiab] OR tendinos*[tiab] OR tenonit*[tiab] OR tenontit*[tiab] OR tenosit*[tiab] OR rupture*[tiab] OR Osteit*[tiab] OR avuls*[tiab] OR fracture*[tiab] OR tear*[tiab]) AND (groin*[tiab] OR inguin*[tiab] OR pubic OR pubis OR iliopsoa*[tiab] OR psoas*[tiab] OR adductor*[tiab] OR pubi*[tiab] OR rectus abdominis*[tiab] OR abdominal rectus*[tiab] OR rectus abdominal*[tiab] OR abdominal wall*[tiab]))) AND ((athlet*[tiab] OR sport*[tiab] OR football*[tiab] OR soccer*[tiab] OR rugb*[tiab] OR hockey*[tiab] OR cycli*[tiab] OR runner*[tiab] OR running*[tiab] OR basketball*[tiab] OR baseball*[tiab] OR cricket*[tiab] OR tennis*[tiab] OR racquet*[tiab])) AND publisher[sb]

Cochrane - 20

((((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) NEAR/3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) NEAR/6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR 'rectus abdominis' OR 'abdominal rectus' OR 'rectus abdominal' OR 'abdominal wall'))):ab,ti) AND ((athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*):ab,ti)

Google Scholar - 200

pain | injury | tendinitis | tendinopathy | osteitis | strain | trauma inguinal | "pubis symphysis" | iliopsoas | "rectus abdominis" | "abdominal wall" | "pubic bone " | groin Athlete | Athletes | Incipient | sport | sportsmen | hockey | soccer | football | soccer | rugby | basketball | base ball

Sportdiscus - 508

(MH "Groin Pain" OR MH "Sports Hernia" OR ((MH pain+ OR MH "WOUNDS & injuries+" OR MH osteitis+) AND (MH "groin+" OR MH "Rectus Abdominis Muscles+" OR MH "Pubic Bone+")) OR (((Athlet* OR Incipient OR sport* OR hockey OR soccer* OR footbal* OR rugby) N3 (Pubalgia* OR herni* OR groin*)) OR ((gilmore* OR disrupt* OR pain OR injur* OR pain* OR symphysit* OR

tendinit* OR tendonit* OR tendinopat* OR tendinos* OR tenonit* OR tenontit* OR tenosit* OR rupture* OR Osteit* OR avuls* OR fracture* OR tear*) N6 (groin* OR inguin* OR pubic OR pubis OR iliopsoa* OR psoas* OR adductor* OR pubi* OR "rectus abdominis" OR "abdominal rectus" OR "rectus abdominal" OR "abdominal wall")))) AND (MH athletes+ OR MH sports+ OR MH "sports Injuries+" OR MH "sports medicine+" OR (athlet* OR sport* OR football* OR soccer* OR rugb* OR hockey* OR cycli* OR runner* OR running* OR basketball* OR baseball* OR cricket* OR tennis* OR racquet*))