

GrALa Fisioterapia: adibidea

[Hileroko zikloaren eragina belauneko aurrekolotailu gurutzatuko laxotasunean: Errebisio sistematikoa](#)

bilaketari buruzko informazioa orr. 6-8 :

1. Taula. Berrikuspen sistematikorako erabilitako hitz gakoak zerrenda / bilaketa estrategia.

DATU BASEA	HITZ GAKOAK
Scopus	#1 "Menstrual cycle" [MeSH Terms] #2 "Menstruation" [MeSH terms]
PubMed	#3 "Knee laxity" [All fields] #4 "Hormones" [MeSH terms] #5 "Anterior cruciate ligament" [MeSH terms] #6 "ACL" [All fields] #7 (#1 OR #2) #8 (#5 OR #6) #9 (#7 AND #3 AND #4 AND #8)

oso positiboa: barneratze eta konporatze irizpideak, edukiari lotuta direla, ez bakarrik formalak (argitaratze data, hizkuntzak). Baina: testu osoa eskuragarri izatea **ez da barneratze irizpide serioa**, guztiak lortzeko aukera dagoelako.

Arazoak eta hobekuntzak:

- berrikuste/ berraztertze sistematikoa izateko, hainbat urratsetan gutxienez bi pertsonen parte-hartzea gomendatzen da, batez ere barneratze / kanporatze irizpideak jartzeko orduan, baita artikuluen baheketa prozesuan ere.
- Bilaketaren deskribapen honekin, ezin dugu bilaketa berdin errepikatu:

#12	...	>	Search: (((("menstrual cycle"[MeSH Terms]) OR ("Menstruation" [MeSH terms])) AND ("Knee laxity" [All fields])) AND ("Hormones" [MeSH terms])) AND (("Anterior cruciate ligament" [MeSH terms]) OR ("ACL" [All fields])) Sort by: Most Recent	7	06:18:03
#11	...	>	Search: ("Anterior cruciate ligament" [MeSH terms]) OR ("ACL" [All fields]) Sort by: Most Recent	32,645	06:16:54
#10	...	>	Search: ("menstrual cycle"[MeSH Terms]) OR ("Menstruation" [MeSH terms]) Sort by: Most Recent	36,303	06:16:44
#9	...	>	Search: "ACL" [All fields] Sort by: Most Recent	27,572	06:15:58
#8	...	>	Search: "Anterior cruciate ligament" [MeSH terms] Sort by: Most Recent	12,823	06:15:41
#7	...	>	Search: "Hormones" [MeSH terms] Sort by: Most Recent	1,381,712	06:15:18
#6	...	>	Search: "Knee laxity" [All fields] Sort by: Most Recent	1,323	06:14:34
#5	...	>	Search: "Menstruation" [MeSH terms] Sort by: Most Recent	16,725	06:13:44
#4	...	>	Search: "menstrual cycle"[MeSH Terms] Sort by: Most Recent	36,303	06:13:01

- *menstruation* MeSHa ierarkian *menstrual cycle* MeSHen azpian kokatuta dago, beraz automatikoki bilatzen da, ez da OR-en bidez konbinatu behar
- ACL bilatuz, *Anterior cruciate ligament* MeSH-a detektatzen du, beraz batekin nahiko, nahi dugun zehaztasunaren arabera
- "Knee laxity" ez dauka MeSH-ik, baina joint laxity bilatzeko dago *joint instability* MeSH-en *entry terms* artean, eta gorputz-atala jada ACL bidez zehazten dugu, beraz agian aukera egokiagoa

History and Search Details						Download	Delete
Search	Actions	Details	Query	Results	Time		
#21	...	>	Search: ((ACL) AND ("Menstrual Cycle"[Mesh]) AND ("Hormones" [Mesh]) AND ("Joint Instability"[Mesh])) Sort by: First Author	12	07:44:08		
#19	...	>	Search: (ACL) AND ("Menstrual Cycle"[Mesh])	81	07:40:50		
#20	...	>	Search: ("Hormones"[Mesh]) AND ("Joint Instability"[Mesh])	76	07:39:51		
#17	...	>	Search: ("Menstrual Cycle"[Mesh]) AND ("Joint Instability" [Mesh])	36	07:39:26		
#15	...	>	Search: "Joint Instability"[Mesh]	24,586	07:37:28		
#2	...	>	Search: "Menstrual Cycle"[Mesh]	36,303	07:36:40		
#3	...	>	Search: "Hormones"[Mesh]	1,381,712	07:35:52		
#6	...	>	Search: ACL	40,131	07:35:08		
#16	...	>	Search: ("Hormones"[Mesh]) AND (ACL) Sort by: Most Recent	345	07:07:42		

- Alde guztiak batera:

((ACL) AND ("Menstrual Cycle"[Mesh]) AND ("Hormones"[Mesh]) AND ("Joint Instability"[Mesh]))

12 emaitza eman dizkigu, eta bere bibliografian horren arteko 3 bakarrik agertzen dira. Ez dakigu zein neurritan baztertze irizpidearen eraginez ala topatu ez dituelako.

Bestaldetik, bilaketa partzialak erabili ditzakegu, sakonean bilatu nahi badugu, hau da, alde guztiak batera erabiltzen ez duten multzoak aztertu (#17-19). Haien artean OR-en bidez konbinatzen baditugu, kentzen dira bilaketa partzialetan koinziditzen diren emaitza bikoiztuak: batuketa sinplea $81 + 76 + 36 = 193$, OR-en bidez konbinatuta 150.

Search	Actions	Details	Query	Results
#25	...	>	Search: (((("Menstrual Cycle"[Mesh]) AND ("Joint Instability"[Mesh]))) OR ((("Hormones"[Mesh]) AND ("Joint Instability"[Mesh]))) OR ((ACL) AND ("Menstrual Cycle"[Mesh]))) Sort by: First Author	150

150 hauen artean topatuko dugu berak aukeratutako 6 artikulutik 4, eta (barneratze eta kanporatze irizpideak betetzen duten ala ez egiaztatu gabe) ematen du hainbat artikulua egoki gehiago daudela 150 hauen artean.

Bilaketa hau Scopus-en errepikatzeko ahalik eta egokien (berak ez du Scopus-en egin d(it)uen bilaketa(k) zehazten, berriro bilaketa partzialak egingo ditugu, Pubmed-eko bilaketetan erabili ditugun MeSH-en fitxetan agertzen diren *Entry terms*, eta, sakonean bilatzeko ere ierarkian azpian dituzten atalak bilaketa terminoak bezala erabiliz. Are zehatzago ibiltzeko, konprobatu dezakegu ea Emtree indexazioaren terminoak berdinak diren ala bariantea testualak dituzten, gutxienez termino nagusien kasuetan (adibidez, *menstrual cyle* MeSH eta Emtree terminoak berdinak dira).

Hau da, MeSHak Scopus-era egokitzeko:

Menstrual cycle:

"Menstrual cycle" OR "Endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "Follicular Phase" OR "Preovulatory Phase" OR "Menstrual Proliferative Phase" OR "Luteal Phase" OR "Postovulatory Phase" OR "Menstrual Secretory Phase" OR menstruation

Joint Instability

"Joint Instability" OR "Joint Hypermobility" OR "Joint Laxity". bilaketa hau Scopus-en eginda, topatuko dugu ere bai "Joint Mobility" Keywords-en artean, eta gehitu egin ahal dugu bilaketan, eta konprobatu ea merezi duen (ikuspegia nabarmen zabaltzen da, baina honekin lortuko ditugun egokitasun maila baxuago izango da).

ACL

ACL OR "Anterior Cruciate Ligament" OR "Cranial Cruciate Ligament"

Hormones

Hormones OR testosterone OR estradiol OR progesterone
kasu honetan, ez du zentzurik ierarkian MeSH horren azpian dauden guztiak aipatzea, baina bai ikertzen dugun gaiarekin kontuan hartu behar diren hormona zehatzen izenak, artikulua egokietatik hartuta, adibidez: [The influence of sex hormones on anterior cruciate ligament rupture: female study](#)

Hauek dira alde bakoitzari buruzko emaitza-kopuruak:

Search History

Saved Searches

Combine queries ↗

☐
7

TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone)

1,336,306 results

 Set Alert
 More

☐
6

TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament")

50,897 results

 Set Alert
 More

☐
4

TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity" OR "joint mobility")

53,423 results

 Set Alert
 More

☐
3

TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")

33,068 results

 Set Alert
 More

☐
2

TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)

109,773 results

 Set Alert
 More

Show less ^

eta hauek konbinaketak:

Combine queries ➔					
☐	12		(TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament")) AND (TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone))	70 results	Set Alert More
			Show less ^		
☐	11		(TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone))	273 results	Set Alert More
			Show less ^		
☐	10		(TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament"))	196 results	Set Alert More
			Show less ^		
☐	9		(TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity"))	81 results	Set Alert More
			Show less ^		
☐	8		(TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament")) AND (TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone))	39 results	Set Alert More
			Show less ^		

8. dira alde guztiak batera. Sakonago bilatzeko, berriro partzialak egingo ditugu, eta kasu honetan, *joint instability* eta *hormones* konbinatuz kopuru oraindik altua denez (273), hirugarren aldea ACL gehituz gehiago murrizten dugu. Gauza bera egin dezakegu 10. bilaketarekin, menstrual cycle, ACL eta joint instability konbinatuz. Gero, PubMed-en bezala, hiru bilaketa partzialak haien artean OR-en bidez konbinatuz, hau da ateratzen dena:

Combine queries ➔

☐ 14  ((TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity"))) OR ((TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament"))) AND (TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone))) OR ((TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament"))))
112 results  Set Alert  More
[Show less](#) ^

☐ 13  (TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY ("menstrual cycle" OR "endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "follicular phase" OR "preovulatory phase" OR "menstrual proliferative phase" OR "luteal phase" OR "postovulatory phase" OR "menstrual secretory phase" OR menstruation)) AND (TITLE-ABS-KEY (acl OR "anterior cruciate ligament" OR "cranial cruciate ligament")))
48 results  Set Alert  More
[Show less](#) ^

☐ 12  (TITLE-ABS-KEY ("joint instability" OR "joint hypermobility" OR "joint laxity")) AND (TITLE-ABS-KEY (acl OR ...
70 results  Set Alert  More
[Show more](#) v

((TITLE-ABS-KEY ("Menstrual cycle" OR "Endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "Follicular Phase" OR "Preovulatory Phase" OR "Menstrual Proliferative Phase" OR "Luteal Phase" OR "Postovulatory Phase" OR "Menstrual Secretory Phase" OR menstruation)) AND (TITLE-ABS-KEY ("Joint Instability" OR "Joint Hypermobility" OR "Joint Laxity"))) OR ((TITLE-ABS-KEY ("Joint Instability" OR "Joint Hypermobility" OR "Joint Laxity")) AND (TITLE-ABS-KEY (acl OR "Anterior Cruciate Ligament" OR "Cranial Cruciate Ligament"))) AND (TITLE-ABS-KEY (hormones OR testosterone OR estradiol OR progesterone))) OR ((TITLE-ABS-KEY ("Joint Instability" OR "Joint Hypermobility" OR "Joint Laxity")) AND (TITLE-ABS-KEY ("Menstrual cycle" OR "Endometrial cycle" OR "ovarian cycle" OR "fertile period" OR "Follicular Phase" OR "Preovulatory Phase" OR "Menstrual Proliferative Phase" OR "Luteal Phase" OR "Postovulatory Phase" OR "Menstrual Secretory Phase" OR menstruation)) AND (TITLE-ABS-KEY (acl OR "Anterior Cruciate Ligament" OR "Cranial Cruciate Ligament"))))

Amaitzeko, azalduko genuke egin duguna, eta lau bilaketa aurkeztuko genuke:

doitasun gehiena dutenak, hau da, lau aldeak batera, bai PubMed-en (12 emaitza) bai Scopus-en (39 emaitza), eta partzialen arteko konbinaketak datu-base bietan, PubMed (150 emaitza) eta Scopus-en (112 emaitza).

Nahi dugun sakontasun mailaren arabera, eta barneratze eta kanporatze irizpideak erabiliz doitasun handiko bilaketen kopurutik zenbat geratzen diren kontuan hartuta, multzo doitua ala zabala erabiliko genuke.