



#3 #1 OR #2

#4 (((((((((((((((((((Gonadotropin Releasing Hormone[Title/Abstract] OR (Gn-RHa[Title/Abstract])) OR (Gonadoliberin[Title/Abstract])) OR (LHFSH Releasing Hormone[Title/Abstract])) OR (Releasing Hormone, LHFSH[Title/Abstract])) OR (LH-RH[Title/Abstract])) OR (LFRH[Title/Abstract])) OR (LH-Releasing Hormone[Title/Abstract])) OR (LH Releasing Hormone[Title/Abstract])) OR (LH-FSH Releasing Hormone[Title/Abstract])) OR (LH FSH Releasing Hormone[Title/Abstract])) OR (LHFShRH[Title/Abstract])) OR (LHRH[Title/Abstract])) OR (Luliberin[Title/Abstract])) OR (Gonadorelin[Title/Abstract])) OR (Luteinizing Hormone-Releasing Hormone[Title/Abstract])) OR (Luteinizing Hormone Releasing Hormone[Title/Abstract])) OR (FSH-Releasing Hormone[Title/Abstract])) OR (FSH Releasing Hormone[Title/Abstract])) OR (GnRH[Title/Abstract])) OR (Factrel[Title/Abstract])) OR (Cystorelin[Title/Abstract])) OR (Gonadorelin Hydrochloride[Title/Abstract])) OR (Kryptocur[Title/Abstract])) OR (Dirigestran[Title/Abstract])) OR (Gonadorelin Acetate[Title/Abstract]))

#5 (“Gonadotropin-Releasing Hormone”[Mesh] OR (((((((((((((((((((Gonadotropin Releasing Hormone[Title/Abstract] OR (Gn-RH[Title/Abstract])) OR (Gonadoliberin[Title/Abstract])) OR (LHFSH Releasing Hormone[Title/Abstract])) OR (Releasing Hormone, LHFSH[Title/Abstract])) OR (LH-RH[Title/Abstract])) OR (LFRH[Title/Abstract])) OR (LH-Releasing Hormone[Title/Abstract])) OR (LH Releasing Hormone[Title/Abstract])) OR (LH-FSH Releasing Hormone[Title/Abstract])) OR (LH FSH Releasing Hormone[Title/Abstract])) OR (LHFShRH[Title/Abstract])) OR (LHRH[Title/Abstract])) OR (Luliberin[Title/Abstract])) OR (Gonadorelin[Title/Abstract])) OR (Luteinizing Hormone-Releasing Hormone[Title/Abstract])) OR (Luteinizing Hormone Releasing Hormone[Title/Abstract])) OR (FSH-Releasing Hormone[Title/Abstract])) OR (FSH Releasing Hormone[Title/Abstract])) OR (GnRH[Title/Abstract])) OR (Factrel[Title/Abstract])) OR (Cystorelin[Title/Abstract])) OR (Gonadorelin Hydrochloride[Title/Abstract])) OR (Kryptocur[Title/Abstract])) OR (Dirigestran[Title/Abstract])) OR (Gonadorelin Acetate[Title/Abstract]))

#6 “Gonadotropin-Releasing Hormone”[Mesh]

#7 #4 OR #5 OR #6

#8 #7 AND #3

### ***Embase 3710 articles***

#7 #3 AND #6

#6 #4 OR #5

#5 ‘gonadotropin releasing hormone’ OR ‘gn-rha’ OR ‘gonadoliberin’ OR ‘lhfsH releasing hormone’ OR ‘releasing hormone, lhfsH’ OR ‘lh-rh’ OR ‘lfrh’ OR ‘lh-releasing hormone’ OR ‘lh releasing hormone’ OR ‘lh-fsh releasing hormone’ OR ‘lh fsh releasing hormone’ OR ‘lhfsHrh’ OR ‘lhrh’ OR ‘luliberin’ OR ‘gonadorelin’ OR ‘luteinizing hormone-releasing hormone’ OR ‘luteinizing hormone releasing hormone’ OR ‘fsh-releasing hormone’ OR ‘fsh releasing hormone’ OR ‘gnrh’ OR ‘factrel’ OR ‘cystorelin’ OR ‘gonadorelin hydrochloride’ OR ‘kryptocur’ OR ‘dirigestran’ OR ‘gonadorelin acetate’

#4 ‘gonadotropin-releasing hormone’/exp

#3 #1 OR #2

#2 ‘precocious puberties’ OR ‘puberties, precocious’ OR ‘pubertas praecox’ OR ‘praecox, pubertas’ OR ‘precocious puberty’ OR ‘precocious puberty, central’ OR ‘central precocious puberties’ OR ‘central precocious puberty’ OR ‘precocious puberties, central’ OR ‘puberties, central precocious’ OR ‘puberty, central precocious’ OR ‘sexual precocity’ OR ‘precocities, sexual’ OR ‘precocity, sexual’ OR ‘sexual precocities’ OR ‘idiopathic sexual precocity’ OR ‘idiopathic sexual precocities’ OR ‘precocities, idiopathic sexual’ OR ‘precocity, idiopathic sexual’ OR ‘sexual precocities, idiopathic’ OR ‘sexual precocity, idiopathic’ OR ‘familial precocious puberty’ OR ‘familial precocious puberties’ OR ‘precocious puberties, familial’ OR ‘precocious puberty, familial’ OR ‘puberties, familial precocious’ OR ‘puberty, familial precocious’ OR ‘precocious puberty, male-limited’ OR ‘male-limited precocious puberties’ OR ‘male-limited precocious puberty’ OR ‘precocious puberties, male-limited’ OR ‘puberties, male-limited precocious’ OR ‘puberty, male-limited precocious’ OR ‘precocious puberty, male limited’ OR ‘testotoxicosis’

#1 ‘precocious puberty’/exp OR ‘precocious puberty’

### *Cochrane 109 articles*

#1 MeSH descriptor: [Puberty, Precocious] explode all trees

#2 (precocious puberties):ti,ab,kw OR (puberties, precocious):ti,ab,kw OR (pubertas praecox):ti,ab,kw OR (praecox, pubertas):ti,ab,kw OR (precocious puberty):ti,ab,kw

#3 (precocious puberty, central):ti,ab,kw OR (central precocious puberties):ti,ab,kw OR (central precocious puberty):ti,ab,kw OR (precocious puberties, central):ti,ab,kw OR (puberties, central precocious):ti,ab,kw

#4 (puberty, central precocious):ti,ab,kw OR (sexual precocity):ti,ab,kw OR (precocities, sexual):ti,ab,kw OR (precocity, sexual):ti,ab,kw OR (sexual precocities):ti,ab,kw

#5 (idiopathic sexual precocity):ti,ab,kw OR (idiopathic sexual precocities):ti,ab,kw OR (precocities, idiopathic sexual):ti,ab,kw OR (precocity, idiopathic sexual):ti,ab,kw OR (sexual precocities, idiopathic):ti,ab,kw

#6 (sexual precocity, idiopathic):ti,ab,kw OR (familial precocious puberty):ti,ab,kw OR (familial precocious puberties):ti,ab,kw OR (precocious puberties, familial):ti,ab,kw OR (precocious puberty, familial):ti,ab,kw

#7 (puberties, familial precocious):ti,ab,kw OR (puberty, familial precocious):ti,ab,kw OR (precocious puberty, male-limited):ti,ab,kw OR (male-limited precocious puberties):ti,ab,kw OR (male-limited precocious puberty):ti,ab,kw

#8 (precocious puberties, male-limited):ti,ab,kw OR (puberties, male-limited precocious):ti,ab,kw OR (puberty, male-limited precocious):ti,ab,kw OR (precocious puberty, male limited):ti,ab,kw OR (testotoxicosis):ti,ab,kw

#9 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8

#10 MeSH descriptor: [Gonadotropin-Releasing Hormone] explode all trees

#11 (gonadotropin releasing hormone):ti,ab,kw OR (gnrha):ti,ab,kw OR (gonadoliberin):ti,ab,kw OR (lhfsH releasing hormone):ti,ab,kw OR (releasing hormone, lhfsH):ti,ab,kw

#12 (lh-rh):ti,ab,kw OR (lfrh):ti,ab,kw OR (lh-releasing hormone):ti,ab,kw OR (lh releasing hormone):ti,ab,kw OR (lh-fsh releasing hormone):ti,ab,kw

#13 (lh fsh releasing hormone):ti,ab,kw OR (luliberin):ti,ab,kw OR (gonadorelin):ti,ab,kw OR (luteinizing hormone-releasing hormone):ti,ab,kw OR (luteinizing hormone releasing hormone):ti,ab,kw

#14 (fsh-releasing hormone):ti,ab,kw OR (fsh releasing hormone):ti,ab,kw OR (factrel):ti,ab,kw OR (cystorelin):ti,ab,kw OR (gonadorelin hydrochloride):ti,ab,kw

#15 kryptocur):ti,ab,kw OR (dirigestran):ti,ab,kw OR (gonadorelin acetate):ti,ab,kw

#16 #10 OR #11 OR #12 OR #13 OR #14 OR #15

#17 #9 AND #16