

Diagnostic Tests for Differentiation between Cushing's Syndrome and Non-Neoplastic Hypercortisolism: A Systematic Review and Meta-analysis

José Miguel Hinojosa Amaya, Fernando Díaz González-Colmenero, Neri Alejandro Alvarez-Villalobos, Alejandro Salcido-Montenegro, Carolina Quintanilla-Sánchez, Pablo José Moreno-Peña, Dulce María Manzanares-Gallegos, Luis Fernando Gutiérrez-Dávila, Patricia Lizeth Castillo-Morales, Mariano García-Campa, José Gerardo González-González, Elena V. Varlamov, René Rodríguez-Gutiérrez, and Maria Fleseriu

Supplementary Material

Section 1.- Search strategy

pituitary ACTH hypersecretion [*MeSH Descriptor*]

Cushing syndrome [*MeSH Descriptor*]

Database	Before deduplication	After deduplication
MEDLINE	227	227
Embase	2563	2429
Web of Science	57	52
Scopus	1869	1712
CCRCT	7	7
CDSR	1	1

Total= 4428

All searches were run on August 24, 2020.

[EBM Reviews - Cochrane Central Register of Controlled Trials <August 2020>](#)

[EBM Reviews - Cochrane Database of Systematic Reviews <2005 to September 3, 2020>](#)

[Embase <1974 to 2020 Week 36>](#)

[Ovid MEDLINE\(R\) ALL <1946 to September 09, 2020>](#)

("Cushing Syndrome" or "Cushing's Syndrome" or "Hypercortisolism" or "Syndrome, Cushing" or "Syndrome, Cushing's " or "Pituitary ACTH Hypersecretion " or "ACTH Hypersecretion, Pituitary" or "Adrenocorticotrophic Hormone, Inappropriate Secretion" or "adrenocortical hyperplasia,acth induced" or "Cushing Disease" or "Cushing Disease, Pituitary" or "Cushing Diseases, Pituitary" or "Cushing Syndrome, Pituitary" or "Cushing Syndrome, Pituitary-Dependant" or "Disease, Cushing" or "cushing syndrome,acth induced" or "Cushing's disease" or "Cushings disease" or "itsenko cushing disease" or "Hypercortisolism Disorder, Pituitary-Dependant" or "Hypercortisolism Disorders, Pituitary-Dependant" or "Hypercortisolism, Pituitary-Dependant" or "Hypercortisolisms, Pituitary-Dependant" or "Hypersecretion, Pituitary ACTH" or "Inappropriate ACTH Secretion Syndrome" or "Inappropriate Adrenocorticotrophic Hormone Secretion" or "Pituitary Cushing Disease" or "Pituitary Cushing Diseases" or "Pituitary Cushing Syndrome" or "Pituitary Dependant Cushing Syndrome"

or "Pituitary Dependant Hypercortisolism" or "Pituitary Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Cushing Syndrome" or "Pituitary-Dependant Hypercortisolism" or "Pituitary-Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Hypercortisolism Disorders" or "Pituitary-Dependant Hypercortisolisms" or "Hypercortisolism" or "hyperadrenocorticism" or "hypercortisolemia" or "hyperhydrocortisonism" or "adrenocortical hyperplasia,acth induced" or "corticotropin induced adrenocortical hyperplasia").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

2 ("Deamino Arginine Vasopressin " or "1-Deamino-8-D-arginine Vasopressin" or "1-Desamino-8-arginine Vasopressin" or "Acetate, Desmopressin" or "Adiuretin" or "Adiuretin SD" or "Apo-Desmopressin" or "Arginine Vasopressin, Deamino" or "DDAVP" or "Desmogalen" or "Desmopressin" or "Desmopressin Acetate" or "Desmopressin Monoacetate" or "Desmopressin Monoacetate, Trihydrate" or "Desmopressine Ferring" or "Desmospray" or "Desmotabs" or "Ferring, Desmopressine" or "Minirin" or "Minurin" or "Monoacetate, Desmopressin" or "Monoacetate, Trihydrate Desmopressin" or "Nocutil" or "Octim" or "Octostim" or "Trihydrate Desmopressin Monoacetate" or "Vasopressin, 1-Deamino-8-D-arginine" or "Vasopressin, 1-Desamino-8-arginine" or "Vasopressin, Deamino Arginine" or ("1 deamino 8 dextro arginine)vasopressin" or " deamine 8 d arginine vasopressin" or " deamino 8 d arginine vasopressin" or " desamino 8 d arginine vasopressin" or " (1 desaminoarginine)vasopressin" or "[deamino 8 cysteine d arginine]vasopressin" or "[deamino 8 cysteine dextro arginine]vasopressin" or "[deamino 8 dextro arginine]vasopressin" or "adin" or "adiuretin" or "adiuretin sd" or "concentraid" or "d-void" or "dav ritter" or "DDAVP" or "DDAVP (needs no refrigeration)" or "DDAVP desmopressin" or "DDAVP melt" or "DDAVP nasal" or "DDAVP rhinal tube" or "DDAVP tablets" or "deamino 8d arginine vasopressin" or "deamino dextro arginine vasopressin" or "deaminovasopressin [8 d arginine]" or "defirin" or "defirin melt" or "desmirin" or "desmomelt" or "desmopresina" or "desmopressin acetate" or "desmopressin acetate (needs no refrigeration)" or "desmopressin acetate preservative free" or "desmopressin diacetate" or "desmopressin nasal solution" or "desmopressina" or "desmopressine" or "desmospray" or "desmotab" or "desmotabs" or "desmotabs melt" or "desurin" or "emosint" or "enupresol" or "minirin" or "minirin DDAVP" or "minirin melt" or "minirin nasal spray" or "minirin rhinetten" or "minirin rhinye" or "minirin spray" or "minirinette" or "minirinmelt" or "minrin" or "minurin" or "minurin flas" or "minurin gotas" or "miram" or "nictur" or "niwinas" or "nocdurna" or "noctisson" or "nocturin" or "nocutil" or "nokdirna" or "noqdirna" or "noqturina" or "nordurine" or "novidin" or "nucotil nasenspray" or "octim" or "octostim" or "octostim nasal spray" or "octostim spray" or "presinex" or "stimate" or "vasopressin 8 (1 desaminoarginine)" or "vasopressin,1 deamino 8 dextro arginine" or "vasopressin,deamino 8 dextro arginine" or "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" or "vasopressin[deamino 8 cysteine dextro arginine]" or "vasopressin[deamino 8 d arginine]" or "vasopressin[deamino dextro arginine]" or "wetirin").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

3 dexamethasone-suppressed corticotropin-releasing hormone stimulation test.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

4 Dex-CRH.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

5 exp *dexamethasone/ or *agents used in function tests/

6 3 or 4 or 5

7 exp dexamethasone/

8 exp diagnostic test/

9 7 and 8

10 ("hydrocortisone blood level" or "blood cortisol" or "cortisol blood level" or "cortisolemia" or "hypocortisolism" or "plasma cortisol" or "plasma hydrocortisone" or "serum cortisol" or "serum hydrocortisone").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

11 midnight.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

12 10 and 11

13 ("Inferior petrosal sinus sampling" or "inferior petrosal sinuses" or "petrosal sinus" or "petrosal sinuses" or "sinus petrosus inferior").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

14 ("biopsy" or "cytopathology" or "histopathology" or "histopathological study" or "neurohistopathology" or sample).mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

15 13 and 14

16 2 or 6 or 9 or 12

17 1 and 16

18 remove duplicates from 17

19 ("Cushing Syndrome" or "Cushing's Syndrome" or "Hypercortisolism" or "Syndrome, Cushing" or "Syndrome, Cushing's " or "Pituitary ACTH Hypersecretion " or "ACTH Hypersecretion, Pituitary" or "Adrenocorticotrophic Hormone, Inappropriate Secretion" or "adrenocortical hyperplasia,acth induced" or "Cushing Disease" or "Cushing Disease, Pituitary" or "Cushing Diseases, Pituitary" or "Cushing Syndrome, Pituitary" or "Cushing Syndrome, Pituitary-Dependant" or "Disease, Cushing" or "cushing syndrome,acth induced" or "Cushing's disease" or "Cushings disease" or "itsenko cushing disease" or "Hypercortisolism Disorder, Pituitary-Dependant" or "Hypercortisolism Disorders, Pituitary-Dependant" or "Hypercortisolism, Pituitary-Dependant" or "Hypercortisolisms, Pituitary-Dependant" or "Hypersecretion, Pituitary ACTH" or "Inappropriate ACTH Secretion Syndrome" or "Inappropriate Adrenocorticotrophic Hormone Secretion" or "Pituitary Cushing Disease" or "Pituitary Cushing Diseases" or "Pituitary Cushing Syndrome" or "Pituitary Dependant Cushing Syndrome" or "Pituitary Dependant Hypercortisolism" or "Pituitary Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Cushing Syndrome" or "Pituitary-Dependant Hypercortisolism" or "Pituitary-Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Hypercortisolism Disorders" or "Pituitary-Dependant Hypercortisolisms" or "Hypercortisolism"

or "hyperadrenocorticism" or "hypercortisolemia" or "hyperhydrocortisonism" or "adrenocortical hyperplasia,acth induced" or "corticotropin induced adrenocortical hyperplasia").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

20 ("Deamino Arginine Vasopressin " or "1-Deamino-8-D-arginine Vasopressin" or "1-Desamino-8-arginine Vasopressin" or "Acetate, Desmopressin" or "Adiuretin" or "Adiuretin SD" or "Apo-Desmopressin" or "Arginine Vasopressin, Deamino" or "DDAVP" or "Desmogalen" or "Desmopressin" or "Desmopressin Acetate" or "Desmopressin Monoacetate" or "Desmopressin Monoacetate, Trihydrate" or "Desmopressine Ferring" or "Desmospray" or "Desmotabs" or "Ferring, Desmopressine" or "Minirin" or "Minurin" or "Monoacetate, Desmopressin" or "Monoacetate, Trihydrate Desmopressin" or "Nocutil" or "Octim" or "Octostim" or "Trihydrate Desmopressin Monoacetate" or "Vasopressin, 1-Deamino-8-D-arginine" or "Vasopressin, 1-Desamino-8-arginine" or "Vasopressin, Deamino Arginine" or ("(1 deamino 8 dextro arginine)vasopressin" or " deamine 8 d arginine vasopressin" or " deamino 8 d arginine vasopressin" or " desamino 8 d arginine vasopressin" or " (1 desaminoarginine)vasopressin" or "[deamino 8 cysteine d arginine]vasopressin" or "[deamino 8 cysteine dextro arginine]vasopressin" or "[deamino 8 dextro arginine]vasopressin" or "adin" or "adiuretin" or "adiuretin sd" or "concentraid" or "d-void" or "dav ritter" or "DDAVP" or "DDAVP (needs no refrigeration)" or "DDAVP desmopressin" or "DDAVP melt" or "DDAVP nasal" or "DDAVP rhinal tube" or "DDAVP tablets" or "deamino 8d arginine vasopressin" or "deamino dextro arginine vasopressin" or "deaminovasopressin [8 d arginine]" or "defirin" or "defirin melt" or "desmirin" or "desmomelt" or "desmopresina" or "desmopressin acetate" or "desmopressin acetate (needs no refrigeration)" or "desmopressin acetate preservative free" or "desmopressin diacetate" or "desmopressin nasal solution" or "desmopressina" or "desmopressine" or "desmospray" or "desmotab" or "desmotabs" or "desmotabs melt" or "desurin" or "emosint" or "enupresol" or "minirin" or "minirin DDAVP" or "minirin melt" or "minirin nasal spray" or "minirin rhinetten" or "minirin rhinyle" or "minirin spray" or "minirinette" or "minirinmelt" or "minrin" or "minurin" or "minurin flas" or "minurin gotas" or "miram" or "nictur" or "niwinas" or "nocdurna" or "noctisson" or "nocturin" or "nocutil" or "nokdirna" or "noqdirna" or "noqturina" or "nordurine" or "novidin" or "nucotil nasenspray" or "octim" or "octostim" or "octostim nasal spray" or "octostim spray" or "presinex" or "stimate" or "vasopressin 8 (1 desaminoarginine)" or "vasopressin,1 deamino 8 dextro arginine" or "vasopressin,deamino 8 dextro arginine" or "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" or "vasopressin[deamino 8 cysteine dextro arginine]" or "vasopressin[deamino 8 d arginine]" or "vasopressin[deamino dextro arginine]" or "wetirin")).mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

21 dexamethasone-suppressed corticotropin-releasing hormone stimulation test.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

22 Dex-CRH.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

23 exp *dexamethasone/ or *agents used in function tests/

24 21 or 22 or 23

25 exp dexamethasone/

26 exp diagnostic test/

27 25 and 26

28 ("hydrocortisone blood level" or "blood cortisol" or "cortisol blood level" or "cortisolemia" or "hypocortisolism" or "plasma cortisol" or "plasma hydrocortisone" or "serum cortisol" or "serum hydrocortisone").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

29 midnight.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, ui, sy]

30 28 and 29

31 20 or 24 or 27 or 30

32 19 and 31

33 remove duplicates from 32

34 from 33 keep 1-7

35 from 33 keep 8

36 from 33 keep 9-2571

37 from 33 keep 2572-2798

Scopus

("Cushing Syndrome" OR "Cushing's Syndrome" OR "Hypercortisolism" OR "Syndrome, Cushing" OR "Syndrome, Cushing's " OR "Pituitary ACTH Hypersecretion " OR "ACTH Hypersecretion, Pituitary" OR "Adrenocorticotrophic Hormone, Inappropriate Secretion" OR "adrenocortical hyperplasia,acth induced" OR "Cushing Disease" OR "Cushing Disease, Pituitary" OR "Cushing Diseases, Pituitary" OR "Cushing Syndrome, Pituitary" OR "Cushing Syndrome, Pituitary-

Dependant" OR "Disease, Cushing" OR "cushing syndrome,acth induced" OR "Cushing's disease" OR "Cushings disease" OR "itsenko cushing disease" OR "Hypercortisolism Disorder, Pituitary-Dependant" OR "Hypercortisolism Disorders, Pituitary-Dependant" OR "Hypercortisolism, Pituitary-Dependant" OR "Hypercortisolisms, Pituitary-Dependant" OR "Hypersecretion, Pituitary ACTH" OR "Inappropriate ACTH Secretion Syndrome" OR "Inappropriate Adrenocorticotrophic Hormone Secretion" OR "Pituitary Cushing Disease" OR "Pituitary Cushing Diseases" OR "Pituitary Cushing Syndrome" OR "Pituitary Dependant Cushing Syndrome" OR "Pituitary Dependant Hypercortisolism" OR "Pituitary Dependant Hypercortisolism Disorder" OR "Pituitary-Dependant Cushing Syndrome" OR "Pituitary-Dependant Hypercortisolism" OR "Pituitary-Dependant Hypercortisolism Disorder" OR "Pituitary-Dependant Hypercortisolism Disorders" OR "Pituitary-Dependant Hypercortisolisms" OR "Hypercortisolism" OR "hyperadrenocorticism" OR "hypercortisolemia" OR "hyperhydrocortisonism" OR "adrenocortical hyperplasia,acth induced" OR "corticotropin induced adrenocortical hyperplasia")

AND (("Deamino Arginine Vasopressin " OR "1-Deamino-8-D-arginine Vasopressin" OR "1-Desamino-8-arginine Vasopressin" OR "Acetate, Desmopressin" OR "Adiuretin" OR "Adiuretin SD" OR "Apo-Desmopressin" OR "Arginine Vasopressin, Deamino" OR "DDAVP" OR "Desmogalen" OR "Desmopressin" OR "Desmopressin Acetate" OR "Desmopressin Monoacetate" OR "Desmopressin Monoacetate, Trihydrate" OR "Desmopressine Ferring" OR "Desmospray" OR "Desmotabs" OR "Ferring, Desmopressine" OR "Minirin" OR "Minurin" OR "Monoacetate, Desmopressin" OR "Monoacetate, Trihydrate Desmopressin" OR "Nocutil" OR "Octim" OR "Octostim" OR "Trihydrate Desmopressin Monoacetate" OR "Vasopressin, 1-Deamino-8-D-arginine" OR "Vasopressin, 1-Desamino-8-arginine" OR "Vasopressin, Deamino Arginine") OR ("(1 deamino 8 dextro arginine)vasopressin" OR " deamine 8 d arginine vasopressin" OR " deamino 8 d arginine vasopressin" OR " desamino 8 d arginine vasopressin" OR " (1 desaminoarginine)vasopressin" OR "[deamino 8 cysteine d arginine]vasopressin" OR "[deamino 8 cysteine dextro arginine]vasopressin" OR "[deamino 8 dextro arginine]vasopressin" OR "adin" OR "adiuretin" OR "adiuretin sd" OR "concentraid" OR "d-void" OR "dav ritter" OR "DDAVP" OR "DDAVP (needs no refrigeration)" OR "DDAVP desmopressin" OR "DDAVP melt" OR "DDAVP nasal" OR "DDAVP rhinal tube" OR "DDAVP tablets" OR "deamino 8d arginine vasopressin" OR "deamino dextro arginine vasopressin" OR "deaminovasopressin [8 d arginine]" OR "defirin" OR "defirin melt" OR "desmirin" OR "desmomelt" OR "desmopresina" OR "desmopressin acetate" OR "desmopressin acetate (needs no refrigeration)" OR "desmopressin acetate preservative free" OR "desmopressin diacetate" OR "desmopressin nasal solution" OR "desmopressina" OR "desmopressine" OR "desmospray" OR "desmotab" OR "desmotabs" OR "desmotabs melt" OR "desurin" OR "emosint" OR "enupresol" OR "minirin" OR "minirin DDAVP" OR "minirin melt" OR "minirin nasal spray" OR "minirin rhinetten" OR "minirin rhinyle" OR "minirin spray" OR "minirinette" OR "minirinmelt" OR "minrin" OR "minurin" OR "minurin flas" OR "minurin gotas" OR "miram" OR "nictur" OR "niwinas" OR "nocurna" OR "noctisson" OR "nocturin" OR "n

ocutil" OR "nokdirna" OR "noqdirna" OR "noqturina" OR "nordurine" OR "novidin" OR "nucotil nasenspray" OR "octim" OR "octostim" OR "octostim nasal spray" OR "octostim spray" OR "presinex" OR "stimate" OR "vasopressin 8 (1 desaminoarginine)" OR "vasopressin,1 deamino 8 dextro arginine" OR "vasopressin,deamino 8 dextro arginine" OR "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" OR "vasopressin[deamino 8 cysteine dextro arginine]" OR "vasopressin[deamino 8 d arginine]" OR "vasopressin[deamino dextro arginine]" OR "wetirin")

OR ("dexamethasone-suppressed corticotropin-releasing hormone stimulation test") OR (dexamethasone OR "16alpha methyl 9alpha fluoroprednisolone" OR " alpha fluoro 16 alpha methyl delta corticosterone" OR "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methyl 1,4 pregnadiene 3,20 dione" OR "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methylpregna 1,4 diene 3,20 dione" OR "alpha fluoro 16alpha methyl delta corticosterone" OR "adrecort" OR "adrenocot" OR "aeroseb dex" OR "aflucoson" OR "aflucosone" OR "alfalyl" OR "anaflogistico" OR "anaflogistico novobios" OR "arcodexan" OR "arcodexane" OR "artrosone" OR "azium" OR "bidexol" OR "calonat " OR "cebedex" OR "cetadexon" OR "colofoam" OR "corsona" OR "cortastat" OR "cortastat 10" OR "cortastat la" OR "cortidex" OR "cortidexason" OR "cortidrona" OR "cortidrone" OR "cortisumman" OR "dacortina fuerte" OR "dacortine fuerte" OR "dalalone" OR "dalalone d.p." OR "dalalone l.a." OR "danasone" OR "de-sona la" OR "decacortin" OR "decadeltosona" OR "decadeltosone" OR "decaderm" OR "decadion" OR "decadran" OR "decadron" OR "decadron 5-12 pak" OR "decadron la" OR "decadronal" OR "decadrona" OR "decaesadriil" OR "decaject" OR "decamethasone" OR "decasone" OR "decaspray" OR "decasterolone" OR "decdan" OR "decilone" OR "decilone forte" OR "decofluor" OR "dectancyl" OR "dekacort" OR "delladec" OR "deltafluorene" OR "deltafluorene" OR "dergramin" OR "deronil" OR "desacort" OR "desacortone" OR "desadrene" OR "desalark" OR "desameton" OR "desametone" OR "desigdron" OR "dexa cortisyl" OR "dexa dabrosan" OR "dexa korti" OR "dexa scherosan" OR "dexa scherozon" OR "dexa scherozone" OR "dexa-p" OR "dexacen 4" OR "dexachel" OR "dexacort" OR "dexacortal" OR "dexacorten" OR "dexacortin" OR "dexacortisyl" OR "dexadabrosan" OR "dexadecadrol" OR "dexadrol" OR "dexage" OR "dexagen" OR "dexahe lvacort" OR "dexakorti" OR "dexalien" OR "dexalocal" OR "dexame" OR "dexamecortin" OR "dexameson" OR "dexamesone" OR "dexametason" OR "dexametasone" OR "dexameth" OR "dexamethasone" OR "dexamethasone alcohol" OR "dexamethasone intensol" OR "dexamethazon" OR "dexamethazone" OR "dexamethonium" OR "dexamonozon" OR "dexan" OR "dexane" OR "dexano" OR "dexapot" OR "dexascheroson" OR "dexascherozon" OR "dexascherozone" OR "dexason" OR "dexasone" OR "dexasone la" OR "dexasone s" OR "dexinoral" OR "dexionil" OR "dexmethsone" OR "dexona" OR "dexone" OR "dexone 0.5" OR "dexone 0.75" OR "dexone 1.5" OR "dexone 4" OR "dexpak taperpak" OR "dextelan" OR "dextenza" OR "dextrasona" OR "dexycu" OR "dezone" OR "dibasona " OR "doxamethasone" OR "esacortene" OR "ex s1" OR "exadion" OR "exadione" OR "firmalone" OR "fluormethyl

prednisolone OR *fluormethylprednisolon* OR *fluormethylprednisolone* OR *fluormone* OR *fluorocort* OR *fluorodelta* OR *fluoromethylprednisolone* OR *fortecortin* OR *gammacorten* OR *gammacortene* OR *grosodexon* OR *grosodexone* OR *hemady* OR *hexadecadiol* OR *hexadecadol* OR *hexadiol* OR *hexadol* OR *isnacort* OR *isopto dex* OR *isopto maxidex* OR *isoptodex* OR *isoptomaxidex* OR *lokalison* OR *loverine* OR *luxazone* OR *marvidione* OR *maxidex* OR *mediamethasone* OR *megacortin* OR *mephameson* OR *mephamesone* OR *metasolon* OR *metasolone* OR *methazonion* OR *methazone ion* OR *methazonion* OR *methazonione* OR *metisone* OR *mexasone* OR *millicorten* OR *millicortenol* OR *mk125* OR *mk125* OR *mymethasone* OR *neoforderx* OR *neofordex* OR *nisomethasone* OR *novocort* OR *nsc34521* OR *nsc34521* OR *oftan-dexa* OR *opticorten* OR *opticotinol* OR *oradexan* OR *oradexon* OR *oradexone* OR *orgadron* OR *ozurdex* OR *pidexon* OR *policort* OR *posurdex* OR *predni ftablinen* OR *predni-f* OR *prednisolone* OR *prodexona* OR *prodexone* OR *sanamethasone* OR *santenson* OR *santeson* OR *sawasone* OR *solurex* OR *solurex* OR *spoloven* OR *sterasone* OR *thilodexine* OR *triamcimetil* OR *vexamet* OR *visumetazone* OR *visumethazone*) AND (*function test* OR *stimulation test* OR *corticotropin*)

OR ((*hydrocortisone blood level* OR *blood cortisol* OR *cortisol blood level* OR *cortisolemia* OR *hypocortisolism* OR *plasma cortisol* OR *plasma hydrocortisone* OR *serum cortisol* OR *serum hydrocortisone*) AND (*midnight*))

OR ((*biopsy* OR *cytopathology* OR *histopathology* OR *histopathological study* OR *neurohistopathology* OR *sample*) OR ((*biopsy* OR *cytopathology* OR *histopathology* OR *histopathological study* OR *neurohistopathology* OR *sample*) AND (*Inferior petrosal sinus sampling* OR *inferior petrosal sinuses* OR *petrosal sinus* OR *petrosal sinuses* OR *sinus petrosus inferior*)))

Wos

TS=(("Cushing Syndrome" OR "Cushing's Syndrome" OR "Hypercortisolism" OR "Syndrome, Cushing" OR "Syndrome, Cushing's" OR "Pituitary ACTH Hypersecretion" OR "ACTH Hypersecretion, Pituitary" OR "Adrenocorticotrophic Hormone, Inappropriate Secretion" OR "adrenocortical hyperplasia,acth induced" OR "Cushing Disease" OR "Cushing Disease, Pituitary" OR "Cushing Diseases, Pituitary" OR "Cushing Syndrome, Pituitary" OR "Cushing Syndrome, Pituitary-Dependant" OR "Disease, Cushing" OR "cushing syndrome,acth induced" OR "Cushing's disease" OR "Cushings disease" OR "itsenko cushing disease" OR "Hypercortisolism Disorder, Pituitary-Dependant" OR "Hypercortisolism Disorders, Pituitary-Dependant"

or "Hypercortisolism, Pituitary-Dependant" or "Hypercortisolisms, Pituitary-Dependant" or "Hypersecretion, Pituitary ACTH" or "Inappropriate ACTH Secretion Syndrome" or "Inappropriate Adrenocorticotrophic Hormone Secretion" or "Pituitary Cushing Disease" or "Pituitary Cushing Diseases" or "Pituitary Cushing Syndrome" or "Pituitary Dependant Cushing Syndrome" or "Pituitary Dependant Hypercortisolism" or "Pituitary Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Cushing Syndrome" or "Pituitary-Dependant Hypercortisolism" or "Pituitary-Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Hypercortisolism Disorders" or "Pituitary-Dependant Hypercortisolisms" or "Hypercortisolism" or "hyperadrenocorticism" or "hypercortisolemia" or "hyperhydrocortisonism" or "adrenocortical hyperplasia,acth induced" or "corticotropin induced adrenocortical hyperplasia") AND (("Deamino Arginine Vasopressin " or "1-Deamino-8-D-arginine Vasopressin" or "1-Desamino-8-arginine Vasopressin" or "Acetate, Desmopressin" or "Adiuretin" or "Adiuretin SD" or "Apo-Desmopressin" or "Arginine Vasopressin, Deamino" or "DDAVP" or "Desmogalen" or "Desmopressin" or "Desmopressin Acetate" or "Desmopressin Monoacetate" or "Desmopressin Monoacetate, Trihydrate" or "Desmopressine Ferring" or "Desmospray" or "Desmotabs" or "Ferring, Desmopressine" or "Minirin" or "Minurin" or "Monoacetate, Desmopressin" or "Monoacetate, Trihydrate Desmopressin" or "Nocutil" or "Octim" or "Octostim" or "Trihydrate Desmopressin Monoacetate" or "Vasopressin, 1-Deamino-8-D-arginine" or "Vasopressin, 1-Desamino-8-arginine" or "Vasopressin, Deamino Arginine") OR ("(1 deamino 8 dextro arginine)vasopressin" or "deamine 8 d arginine vasopressin" or " deamino 8 d arginine vasopressin" or " desamino 8 d arginine vasopressin" or " (1 desaminoarginine)vasopressin" or "[deamino 8 cysteine d arginine]vasopressin" or "[deamino 8 cysteine dextro arginine]vasopressin" or "[deamino 8 dextro arginine]vasopressin" or "adin" or "adiuretin" or "adiuretin sd" or "concentraid" or "d-void" or "dav ritter" or "DDAVP" or "DDAVP (needs no refrigeration)" or "DDAVP desmopressin" or "DDAVP melt" or "DDAVP nasal" or "DDAVP rhinal tube" or "DDAVP tablets" or "deamino 8d arginine vasopressin" or "deamino dextro arginine vasopressin" or "deaminovasopressin [8 d arginine]" or "defirin" or "defirin melt" or "desmirin" or "desmomelt" or "desmopresina" or "desmopressin acetate" or "desmopressin acetate (needs no refrigeration)" or "desmopressin acetate preservative free" or "desmopressin diacetate" or "desmopressin nasal solution" or "desmopressina" or "desmopressine" or "desmospray" or "desmotab" or "desmotabs" or "desmotabs melt" or "desurin" or "emosint" or "enupresol" or "minirin" or "minirin DDAVP" or "minirin melt" or "minirin nasal spray" or "minirin rhinetten" or "minirin rhinyle" or "minirin spray" or "minirinette" or "minirinmelt" or "minrin" or "minurin" or "minurin flas" or "minurin gotas" or "miram" or "nictur" or "niwinas" or "nocdurna" or "noctisson" or "nocturin" or "nocutil" or "nokdirna" or "noqdirna" or "noqturina" or "nordurine" or "novidin" or "nucotil nasenspray" or "octim" or "octostim" or "octostim nasal spray" or "octostim spray" or "presinex" or "stimate" or "vasopressin 8 (1 desaminoarginine)" or "vasopressin,1 deamino 8 dextro arginine" or "vasopressin,deamino 8 dextro arginine" or "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" or "vasopressin[deamino 8 cysteine dextro arginine]" or "vasopressin[deamino 8 d arginine]" or "vasopressin[deamino dextro arginine]" or "wetirin") OR ("dexamethasone-suppressed corticotropin-releasing hormone stimulation test" or ((dexamethasone or"16alpha methyl 9alpha fluoroprednisolone" or " alpha fluoro 16 alpha methyl delta corticosterone" or "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methyl 1,4 pregnadiene 3,20 dione" or "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methylpregna 1,4 diene 3,20 dione" or "alpha fluoro 16alpha methyl delta corticosterone" or "adrecort" or "adrenocot" or "aeroseb dex" or "aflucoson" or "aflucosone" or "alfalyl" or "anaflogistico" or "anaflogistico novobios" or "arcodexan" or "arcodexane" or "artosone" or "azium" or "bidexol" or "calonat" or "cebedex" or

"cetadexon" or "colofoam" or "corsona" or "cortastat" or "cortastat 10" or "cortastat la" or "cortidex" or "cortidexason" or "cortidrona" or "cortidrone" or "cortisumman" or "dacortina fuerte" or "dacortine fuerte" or "dalalone" or "dalalone d.p." or "dalalone l.a." or "danasone" or "de-sone la" or "decacortin" or "decadeltosona" or "decadeltosone" or "decaderm" or "decadion" or "decadran" or "decadron" or "decadron 5-12 pak" or "decadron la" or "decadronal" or "decadrone" or "decaesadril" or "decaject" or "decamethasone" or "decasone" or "decaspray" or "decaesterolone" or "decdan" or "decilone" or "decilone forte" or "decofluor" or "dectancyl" or "dekcort" or "delladec" or "deltafluoren" or "deltafluorene" or "dergramin" or "deronil" or "desacort" or "desacortone" or "desadrene" or "desalark" or "desameton" or "desametone" or "desigdron" or "dexa cortisyl" or "dexa dabrosan" or "dexa korti" or "dexa scherosan" or "dexa scherozon" or "dexa scherozone" or "dexa-p" or "dexacen 4" or "dexachel" or "dexacort" or "dexacortal" or "dexacorten" or "dexacortin" or "dexacortisyl" or "dexadabrosan" or "dexadecadrol" or "dexadrol" or "dexagel" or "dexagen" or "dexahelvacort" or "dexakorti" or "dexalien" or "dexalocal" or "dexame" or "dexamecortin" or "dexameson" or "dexamesone" or "dexametason" or "dexametasone" or "dexameth" or "dexamethason" or "dexamethasone alcohol" or "dexamethasone intensol" or "dexamethazon" or "dexamethazone" or "dexamethonium" or "dexamonozon" or "dexan" or "dexane" or "dexano" or "dexapot" or "dexascheroson" or "dexascherozon" or "dexascherozone" or "dexason" or "dexasone" or "dexasone la" or "dexasone s" or "dexinoral" or "dexionil" or "dexmethsone" or "dexona" or "dexone" or "dexone 0.5" or "dexone 0.75" or "dexone 1.5" or "dexone 4" or "dexpak taperpak" or "dextelan" or "dextenza" or "dextrasone" or "dexycu" or "dezone" or "dibasona" or "doxamethasone" or "esacortene" or "ex s1" or "exadion" or "exadione" or "firmalone" or "fluormethyl prednisolone" or "fluormethylprednisolon" or "fluormethylprednisolone" or "fluormone" or "fluorocort" or "fluorodelta" or "fluoromethylprednisolone" or "fortecortin" or "gammacorten" or "gammacortene" or "grosodexon" or "grosodexone" or "hemady" or "hexadecadiol" or "hexadecadrol" or "hexadiol" or "hexadrol" or "isnacort" or "isopto dex" or "isopto maxidex" or "isoptodex" or "isoptomaxidex" or "lokalison f" or "loverine" or "luxazone" or "marvidione" or "maxidex" or "mediamethasone" or "megacortin" or "mephameson" or "mephamesone" or "metasolon" or "metasolone" or "methazon ion" or "methazone ion" or "methazonion" or "methazonione" or "metisone lafi" or "mexasone" or "millicorten" or "millicortenol" or "mk 125" or "mk125" or "mymethasone" or "neoforderx" or "neofordex" or "nisomethasona" or "novocort" or "nsc 34521" or "nsc34521" or "oftan-dexa" or "optiocorten" or "optiocortinol" or "oradexan" or "oradexon" or "oradexone" or "orgadrone" or "ozurdex" or "pidexon" or "policort" or "posurdex" or "predni f tablinen" or "predni-f" or "prednisolone f" or "prodexona" or "prodexone" or "sanamethasone" or "santenson" or "santeson" or "sawasone" or "solurex" or "solurex la" or "spoloven" or "sterasone" or "thilodexine" or "triamcimetil" or "vexamet" or "visumetazone" or "visumethazone") and ("function test" or "stimulation test" or corticotropin))) OR (("hydrocortisone blood level" or "blood cortisol" or "cortisol blood level" or "cortisolemia" or "hypocortisolism" or "plasma cortisol" or "plasma hydrocortisone" or "serum cortisol" or "serum hydrocortisone") and (midnight))))AND ("biopsy" or "cytopathology" or "histopathology" or "histopathological study " or "neurohistopathology" or "sample") OR (("biopsy" or "cytopathology" or "histopathology" or "histopathological study " or "neurohistopathology" or "sample") and ("Inferior petrosal sinus sampling" or "inferior petrosal sinuses" or "petrosal sinus" or "petrosal sinuses" or "sinus petrosus inferior"))))

Timespan: All years. Indexes: SCI-EXPANDED, ESCI

1.1.- Search Strategy Update

pituitary ACTH hypersecretion [*MeSH Descriptor*]

Cushing syndrome [*MeSH Descriptor*]

Database	Before deduplication	After deduplication
MEDLINE	0	0
Embase	36	30
Web of Science	8	5
Scopus	179	179
CCRCT	0	0
CDSR	0	0

Total= 214

All searches were run on January 24, 2022.

EBM Reviews - Cochrane Central Register of Controlled Trials <December 2021>

EBM Reviews - Cochrane Database of Systematic Reviews <2005 to January 20, 2022>

Embase <1974 to 2022 January 21>

Ovid MEDLINE(R) ALL <1946 to January 21, 2022>

1 ("Cushing Syndrome" or "Cushing's Syndrome" or "Hypercortisolism" or "Syndrome, Cushing" or "Syndrome, Cushing's " or "Pituitary ACTH Hypersecretion " or "ACTH Hypersecretion, Pituitary" or "Adrenocorticotrophic Hormone, Inappropriate Secretion" or "adrenocortical hyperplasia,acth induced" or "Cushing Disease" or "Cushing Disease, Pituitary" or "Cushing Diseases, Pituitary" or "Cushing Syndrome, Pituitary" or "Cushing Syndrome, Pituitary-Dependant" or "Disease, Cushing" or "cushing syndrome,acth induced" or "Cushing's disease" or "Cushings disease" or "itsenko cushing disease" or "Hypercortisolism Disorder, Pituitary-Dependant" or "Hypercortisolism Disorders, Pituitary-Dependant" or "Hypercortisolism, Pituitary-Dependant" or "Hypercortisolisms, Pituitary-Dependant" or

"Hypersecretion, Pituitary ACTH" or "Inappropriate ACTH Secretion Syndrome" or "Inappropriate Adrenocorticotrophic Hormone Secretion" or "Pituitary Cushing Disease" or "Pituitary Cushing Diseases" or "Pituitary Cushing Syndrome" or "Pituitary Dependant Cushing Syndrome" or "Pituitary Dependant Hypercortisolism" or "Pituitary Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Cushing Syndrome" or "Pituitary-Dependant Hypercortisolism" or "Pituitary-Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Hypercortisolism Disorders" or "Pituitary-Dependant Hypercortisolisms" or "Hypercortisolism" or "hyperadrenocorticism" or "hypercortisolemia" or "hyperhydrocortisonism" or "adrenocortical hyperplasia,acth induced" or "corticotropin induced adrenocortical hyperplasia").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 47419

2 ("Deamino Arginine Vasopressin " or "1-Deamino-8-D-arginine Vasopressin" or "1-Desamino-8-arginine Vasopressin" or "Acetate, Desmopressin" or "Adiuretin" or "Adiuretin SD" or "Apo-Desmopressin" or "Arginine Vasopressin, Deamino" or "DDAVP" or "Desmogalen" or "Desmopressin" or "Desmopressin Acetate" or "Desmopressin Monoacetate" or "Desmopressin Monoacetate, Trihydrate" or "Desmopressine Ferring" or "Desmospray" or "Desmotabs" or "Ferring, Desmopressine" or "Minirin" or "Minurin" or "Monoacetate, Desmopressin" or "Monoacetate, Trihydrate Desmopressin" or "Nocutil" or "Octim" or "Octostim" or "Trihydrate Desmopressin Monoacetate" or "Vasopressin, 1-Deamino-8-D-arginine" or "Vasopressin, 1-Desamino-8-arginine" or "Vasopressin, Deamino Arginine" or ("1 deamino 8 dextro arginine)vasopressin" or " deamine 8 d arginine vasopressin" or " deamino 8 d arginine vasopressin" or " desamino 8 d arginine vasopressin" or " (1 desaminoarginine)vasopressin" or "[deamino 8 cysteine d arginine]vasopressin" or "[deamino 8 cysteine dextro arginine]vasopressin" or "[deamino 8 dextro arginine]vasopressin" or "adin" or "adiuretin" or "adiuretin sd" or "concentraid" or "d-void" or "dav ritter" or "DDAVP" or "DDAVP (needs no refrigeration)" or "DDAVP desmopressin" or "DDAVP melt" or "DDAVP nasal" or "DDAVP rhinal tube" or "DDAVP tablets" or "deamino 8d arginine vasopressin" or "deamino dextro arginine vasopressin" or "deaminovasopressin [8 d arginine]" or "defirin" or "defirin melt" or "desmirin" or "desmomelt" or "desmopresina" or "desmopressin acetate" or "desmopressin acetate (needs no refrigeration)" or "desmopressin acetate preservative free" or "desmopressin diacetate" or "desmopressin nasal solution" or "desmopressina" or "desmopressine" or "desmospray" or "desmotab" or "desmotabs" or "desmotabs melt" or "desurin" or "emosint" or "enupresol" or "minirin" or "minirin DDAVP" or "minirin melt" or "minirin nasal spray" or "minirin rhinetten" or "minirin rhinyle" or "minirin spray" or "minirinette" or "minirinmelt" or "minrin" or "minurin" or "minurin flas" or "minurin gotas" or "miram" or "nictur" or "niwinas" or "nocdurna" or "noctisson" or "nocturin" or "nocutil" or "nokdirna" or "noqdirna" or "noqturina" or "nordurine" or "novidin" or "nucotil nasenspray" or "octim" or "octostim" or "octostim nasal spray" or "octostim spray" or "presinex" or "stimate" or "vasopressin 8 (1 desaminoarginine)" or "vasopressin,1 deamino 8 dextro arginine" or "vasopressin,deamino 8 dextro arginine" or "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" or "vasopressin[deamino 8 cysteine dextro arginine]" or "vasopressin[deamino 8 d arginine]" or "vasopressin[deamino dextro arginine]" or "wetirin").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 22605

- 3 dexamethasone-suppressed corticotropin-releasing hormone stimulation test.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 11
- 4 Dex-CRH.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 529
- 5 exp *dexamethasone/ or *agents used in function tests/ 73453
- 6 3 or 4 or 5 73843
- 7 exp dexamethasone/ 224959
- 8 exp diagnostic test/ 1041910
- 9 7 and 8 10931
- 10 ("hydrocortisone blood level" or "blood cortisol" or "cortisol blood level" or "cortisolemia" or "hypocortisolism" or "plasma cortisol" or "plasma hydrocortisone" or "serum cortisol" or "serum hydrocortisone").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 51302
- 11 midnight.mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 8438
- 12 10 and 11 613
- 13 ("Inferior petrosal sinus sampling" or "inferior petrosal sinuses" or "petrosal sinus" or "petrosal sinuses" or "sinus petrosus inferior").mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 2949
- 14 ("biopsy" or "cytopathology" or "histopathology" or "histopathological study " or "neurohistopathology" or sample).mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, kf, fx, dq, nm, ox, px, rx, ui, sy] 4359020
- 15 13 and 14 232
- 16 2 or 6 or 9 or 12 105807
- 17 14 or 15 4359020
- 18 16 and 17 7107
- 19 1 and 18 383
- 20 limit 19 to yr="2021 -Current" 36(embase)

Scopus

(("Cushing Syndrome" OR "Cushing's Syndrome" OR "Hypercortisolism" OR "Syndrome, Cushing" OR "Syndrome, Cushing's " OR "Pituitary ACTH Hypersecretion " OR "ACTH Hypersecretion, Pituitary" OR "Adrenocorticotrophic Hormone, Inappropriate Secretion" OR "adrenocortical hyperplasia,acth induced" OR "Cushing Disease" OR "Cushing Disease, Pituitary" OR "Cushing Diseases, Pituitary" OR "Cushing Syndrome, Pituitary" OR "Cushing Syndrome, Pituitary-Dependant" OR "Disease, Cushing" OR "cushing syndrome,acth induced" OR "Cushing's disease" OR "Cushings disease" OR "itsenko cushing disease" OR "Hypercortisolism Disorder, Pituitary-Dependant" OR "Hypercortisolism Disorders, Pituitary-Dependant" OR "Hypercortisolism, Pituitary-Dependant" OR "Hypercortisolisms, Pituitary-Dependant" OR "Hypersecretion, Pituitary ACTH" OR "Inappropriate ACTH Secretion Syndrome" OR "Inappropriate Adrenocorticotrophic Hormone Secretion" OR "Pituitary Cushing Disease" OR "Pituitary Cushing Diseases" OR "Pituitary Cushing Syndrome" OR "Pituitary Dependant Cushing Syndrome" OR "Pituitary Dependant Hypercortisolism" OR "Pituitary Dependant Hypercortisolism Disorder" OR "Pituitary-Dependant Cushing Syndrome" OR "Pituitary-Dependant Hypercortisolism" OR "Pituitary-Dependant Hypercortisolism Disorder" OR "Pituitary-Dependant Hypercortisolism Disorders" OR "Pituitary-Dependant Hypercortisolisms" OR "Hypercortisolism" OR "hyperadrenocorticism" OR "hypercortisolemia" OR "hyperhydrocortisonism" OR "adrenocortical hyperplasia,acth induced" OR "corticotropin induced adrenocortical hyperplasia"))

AND (("Deamino Arginine Vasopressin " OR "1-Deamino-8-D-arginine Vasopressin" OR "1-Desamino-8-arginine Vasopressin" OR "Acetate, Desmopressin" OR "Aduiretin" OR "Aduiretin SD" OR "Apo-Desmopressin" OR "Arginine Vasopressin, Deamino" OR "DDAVP" OR "Desmogalen" OR "Desmopressin" OR "Desmopressin Acetate" OR "Desmopressin Monoacetate" OR "Desmopressin Monoacetate, Trihydrate" OR "Desmopressine Ferring" OR "Desmospray" OR "Desmotabs" OR "Ferring, Desmopressine" OR "Minirin" OR "Minurin" OR "Monoacetate, Desmopressin" OR "Monoacetate, Trihydrate Desmopressin" OR "Nocutil" OR "Octim" OR "Octostim" OR "Trihydrate Desmopressin Monoacetate" OR "Vasopressin, 1-Deamino-8-D-arginine" OR "Vasopressin, 1-Desamino-8-arginine" OR "Vasopressin, Deamino Arginine") OR ("(1 deamino 8 dextro arginine)vasopressin" OR "deamine 8 d arginine vasopressin" OR "deamino 8 d arginine vasopressin" OR "desamino 8 d arginine vasopressin" OR "(1 desaminoarginine)vasopressin" OR "[deamino 8 cysteine d arginine]vasopressin" OR "[deamino 8 cysteine dextro arginine]vasopressin" OR "[deamino 8 dextro arginine]vasopressin" OR "adin" OR "adiuretin" OR "adiuretin sd" OR "concentraid" OR "d-void" OR "dav ritter" OR "DDAVP" OR "DDAVP (needs no refrigeration)" OR "DDAVP desmopressin" OR "DDAVP melt" OR "DDAVP nasal" OR "DDAVP rhinal tube" OR "DDAVP tablets" OR "deamino 8d arginine vasopressin" OR "deamino dextro arginine vasopressin" OR "deaminovasopressin [8 d arginine]" OR "defirin" OR "defirin

melt" OR "desmirin" OR "desmomelt" OR "desmopresina" OR "desmopressin acetate" OR "desmopressin acetate (needs no refrigeration)" OR "desmopressin acetate preservative free" OR "desmopressin diacetate" OR "desmopressin nasal solution" OR "desmopressina" OR "desmopressine" OR "desmospray" OR "desmotab" OR "desmotabs" OR "desmotabs melt" OR "desurin" OR "emosint" OR "enupresol" OR "minirin" OR "minirin DDAVP" OR "minirin melt" OR "minirin nasal spray" OR "minirin rhinetten" OR "minirin rhinyle" OR "minirin spray" OR "minirinet" OR "minirinmelt" OR "minrin" OR "minurin" OR "minurin flas" OR "minurin gotas" OR "miram" OR "nictur" OR "niwinas" OR "nocdurna" OR "noctisson" OR "nocturin" OR "nocutil" OR "nokdirna" OR "noqdirna" OR "noqturina" OR "nordurine" OR "novidin" OR "nucotil nasenspray" OR "octim" OR "octostim" OR "octostim nasal spray" OR "octostim spray" OR "presinex" OR "stimate" OR "vasopressin 8 (1 desaminoarginine)" OR "vasopressin,1 deamino 8 dextro arginine" OR "vasopressin,deamino 8 dextro arginine" OR "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" OR "vasopressin[deamino 8 cysteine dextro arginine]" OR "vasopressin[deamino 8 d arginine]" OR "vasopressin[deamino dextro arginine]" OR "wetirin")

OR ("dexamethasone-suppressed corticotropin-releasing hormone stimulation test") OR (dexamethasone OR "16alpha methyl 9alpha fluoroprednisolone" OR "alpha fluoro 16 alpha methyl delta corticosterone" OR "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methyl 1,4 pregnadiene 3,20 dione" OR "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methylpregna 1,4 diene 3,20 dione" OR "alpha fluoro 16alpha methyl delta corticosterone" OR "adrecort" OR "adrenocot" OR "aeroseb dex" OR "aflucoson" OR "aflucosone" OR "alfalyl" OR "anaflogistico" OR "anaflogistico novobios" OR "arcodexan" OR "arcodexane" OR "artrosone" OR "azium" OR "bidexol" OR "calonat" OR "cebedex" OR "cetadexon" OR "colofoam" OR "corsona" OR "cortastat" OR "cortastat 10" OR "cortastat la" OR "cortidex" OR "cortidexason" OR "cortidrona" OR "cortidrone" OR "cortisumman" OR "daco rtina fuerte" OR "dacortine fuerte" OR "dalalone" OR "dalalone d.p." OR "dalalone l.a." OR "danasone" OR "de-sona la" OR "decacortin" OR "decadeltosona" OR "decadeltosone" OR "decaderm" OR "decadion" OR "dec adran" OR "decadron" OR "decadron 5-12 pak" OR "decadron la" OR "decadronal" OR "decadrone" OR "decaesadriil" OR "decaject" OR "decamethasone" OR "dec asone" OR "decaspray" OR "decaesterolone" OR "decdan" OR "decilone" OR "decilone forte" OR "decofluor" OR "dectancyl" OR "dekacort" OR "delladec" OR "deltafluoren" OR "deltaflu orene" OR "dergramin" OR "deronil" OR "desacort" OR "desacortone" OR "desadrene" OR "desala rk" OR "desameton" OR "desametone" OR "desigdron" OR "dexa cortisyl" OR "dexa dabrosan" OR "dexa korti" OR "dexa scherosan" OR "dexa scherozon" OR "dexa scherozone" OR "dexa-p" OR "dexacen 4" OR "dexachel" OR "dexacort" OR "dexacortal" OR "dexacorten" OR "dexacortin" OR "dexacortis yl" OR "dexadabrosan" OR "dexadecadrol" OR "dexadrol" OR "dexagel" OR "dexagen" OR "dexahe lvacort" OR "dexakorti" OR "dexalien" OR "dexalocal" OR "dexame" OR "dexamecortin" OR "dexa meson" OR "dexamesone" OR "dexametason" OR "dexametasona" OR "dexameth" OR "dexametha

son" OR "dexamethasone alcohol" OR "dexamethasone intensol" OR "dexamethazon" OR "dexamethazone" OR "dexamethonium" OR "dexamonozon" OR "dexan" OR "dexane" OR "dexano" OR "dexapot" OR "dexascheroson" OR "dexascherozon" OR "dexascherozone" OR "dexason" OR "dexasone" OR "dexasone la" OR "dexasone s" OR "dexinoral" OR "dexionil" OR "dexmethsone" OR "dexona" OR "dexone" OR "dexone 0.5" OR "dexone 0.75" OR "dexone 1.5" OR "dexone 4" OR "dexpak taperpak" OR "dextelan" OR "dextenza" OR "dextrasone" OR "dexycu" OR "dezone" OR "dibasona" OR "doxamethasone" OR "esacortene" OR "exs1" OR "exadion" OR "exadione" OR "firmalone" OR "fluormethyl prednisolone" OR "fluormethylprednisolon" OR "fluormethylprednisolone" OR "fluormone" OR "fluorocort" OR "fluorodelta" OR "fluoromethylprednisolone" OR "fortecortin" OR "gammacorten" OR "gammacortene" OR "grosodexon" OR "grosodexone" OR "hemady" OR "hexadecadiol" OR "hexadecadrol" OR "hexadiol" OR "hexadrol" OR "isnacort" OR "isopto dex" OR "isopto maxidex" OR "isoptodex" OR "isoptomaxidex" OR "lokalison f" OR "loverine" OR "luxazone" OR "marvidione" OR "maxidex" OR "mediamethasone" OR "megacortin" OR "mephameson" OR "mephamesone" OR "metasolon" OR "metasolone" OR "methazon ion" OR "methazone ion" OR "methazonion" OR "methazonione" OR "metisone lafi" OR "mexasone" OR "millicorten" OR "millicortenol" OR "mk125" OR "mk125" OR "mymethasone" OR "neoforderx" OR "neofordex" OR "nisomethasone" OR "novocort" OR "nsc 34521" OR "nsc34521" OR "oftan-dexa" OR "opticorten" OR "optocortinol" OR "oradexan" OR "oradexon" OR "oradexone" OR "orgadrone" OR "ozurdex" OR "pidexon" OR "policort" OR "posurdex" OR "predni ftablinen" OR "predni-f" OR "prednisolone f" OR "prodexona" OR "prodexone" OR "sanamethasone" OR "santenson" OR "santeson" OR "sawasone" OR "solurex" OR "solurex la" OR "spoloven" OR "sterasone" OR "thilodexine" OR "triamcimetil" OR "vexamet" OR "visumetazone" OR "visumethazone") AND ("function test" OR "stimulation test" OR corticotropin))

OR (("hydrocortisone blood level" OR "blood cortisol" OR "cortisol blood level" OR "cortisolemia" OR "hypocortisolism" OR "plasma cortisol" OR "plasma hydrocortisone" OR "serum cortisol" OR "serum hydrocortisone") AND (midnight)))

OR (("biopsy" OR "cytopathology" OR "histopathology" OR "histopathological study" OR "neurohistopathology" OR "sample") OR (("biopsy" OR "cytopathology" OR "histopathology" OR "histopathological study" OR "neurohistopathology" OR "sample") AND ("Inferior petrosal sinus sampling" OR "inferior petrosal sinuses" OR "petrosal sinus" OR "petrosal sinuses" OR "sinus petrosus inferior"))))

| Timespan: 2020-08-01 to current (Publication Date)

Wos

TS=(("Cushing Syndrome" or "Cushing's Syndrome" or "Hypercortisolism" or "Syndrome, Cushing" or "Syndrome, Cushing's " or "Pituitary ACTH Hypersecretion " or "ACTH Hypersecretion, Pituitary" or "Adrenocorticotrophic Hormone, Inappropriate Secretion" or "adrenocortical hyperplasia,acth induced" or "Cushing Disease" or "Cushing Disease, Pituitary" or "Cushing Diseases, Pituitary" or "Cushing Syndrome, Pituitary" or "Cushing Syndrome, Pituitary-Dependant" or "Disease, Cushing" or "cushing syndrome,acth induced" or "Cushing's disease" or "Cushings disease" or "itsenko cushing disease" or "Hypercortisolism Disorder, Pituitary-Dependant" or "Hypercortisolism Disorders, Pituitary-Dependant" or "Hypercortisolism, Pituitary-Dependant" or "Hypercortisolisms, Pituitary-Dependant" or "Hypersecretion, Pituitary ACTH" or "Inappropriate ACTH Secretion Syndrome" or "Inappropriate Adrenocorticotrophic Hormone Secretion" or "Pituitary Cushing Disease" or "Pituitary Cushing Diseases" or "Pituitary Cushing Syndrome" or "Pituitary Dependant Cushing Syndrome" or "Pituitary Dependant Hypercortisolism" or "Pituitary Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Cushing Syndrome" or "Pituitary-Dependant Hypercortisolism" or "Pituitary-Dependant Hypercortisolism Disorder" or "Pituitary-Dependant Hypercortisolism Disorders" or "Pituitary-Dependant Hypercortisolisms" or "Hypercortisolism" or "hyperadrenocorticism" or "hypercortisolemia" or "hyperhydrocortisonism" or "adrenocortical hyperplasia,acth induced" or "corticotropin induced adrenocortical hyperplasia") AND ("Deamino Arginine Vasopressin " or "1-Deamino-8-D-arginine Vasopressin" or "1-Desamino-8-arginine Vasopressin" or "Acetate, Desmopressin" or "Adiuretin" or "Adiuretin SD" or "Apo-Desmopressin" or "Arginine Vasopressin, Deamino" or "DDAVP" or "Desmogalen" or "Desmopressin" or "Desmopressin Acetate" or "Desmopressin Monoacetate" or "Desmopressin Monoacetate, Trihydrate" or "Desmopressine Ferring" or "Desmospray" or "Desmotabs" or "Ferring, Desmopressine" or "Minirin" or "Minurin" or "Monoacetate, Desmopressin" or "Monoacetate, Trihydrate Desmopressin" or "Nocutil" or "Octim" or "Octostim" or "Trihydrate Desmopressin Monoacetate" or "Vasopressin, 1-Deamino-8-D-arginine" or "Vasopressin, 1-Desamino-8-arginine" or "Vasopressin, Deamino Arginine") OR ("(1 deamino 8 dextro arginine)vasopressin" or "deamine 8 d arginine vasopressin" or " deamino 8 d arginine vasopressin" or " desamino 8 d arginine vasopressin" or " (1 desaminoarginine)vasopressin" or "[deamino 8 cysteine d arginine]vasopressin" or "[deamino 8 cysteine dextro arginine]vasopressin" or "[deamino 8 dextro arginine]vasopressin" or "adin" or "adiuretin" or "adiuretin sd" or "concentraid" or "d-void" or "dav ritter" or "DDAVP" or "DDAVP (needs no refrigeration)" or "DDAVP desmopressin" or "DDAVP melt" or "DDAVP nasal" or "DDAVP rhinal tube" or "DDAVP tablets" or "deamino 8d arginine vasopressin" or "deamino dextro arginine vasopressin" or "deaminovasopressin [8 d arginine]" or "defirin" or "defirin melt" or "desmirin" or "desmomelt" or "desmopresina" or "desmopressin acetate" or "desmopressin acetate (needs no refrigeration)" or "desmopressin acetate preservative free" or "desmopressin diacetate" or "desmopressin nasal solution" or "desmopressina" or "desmopressine" or "desmospray" or "desmotab" or "desmotabs" or "desmotabs melt" or "desurin" or "emosint" or "enupresol" or "minirin" or "minirin DDAVP" or "minirin melt" or "minirin nasal spray" or "minirin rhinetten" or "minirin rhynyle" or "minirin spray" or "minirinetette" or "minirinmelt" or "minirin" or "minurin" or "minurin flas" or "minurin gotas" or "miram" or "nictur" or "niwinas" or "nocdurna" or "noctisson" or "nocturin" or "nocutil" or "nokdirna" or "noqdirna" or "noqturina" or "nordurine" or "novidin" or "nucotil nasenspray" or "octim" or "octostim" or "octostim nasal spray" or "octostim spray" or "presinex" or "stimate" or "vasopressin 8 (1

desaminoarginine)" or "vasopressin,1 deamino 8 dextro arginine" or "vasopressin,deamino 8 dextro arginine" or "vasopressin[1 (3 mercaptopropionic acid) 8 dextro arginine]" or "vasopressin[deamino 8 cysteine dextro arginine]" or "vasopressin[deamino 8 d arginine]" or "vasopressin[deamino dextro arginine]" or "wetirin") OR ((("dexamethasone-suppressed corticotropin-releasing hormone stimulation test" or ((dexamethasone or"16alpha methyl 9alpha fluoroprednisolone" or " alpha fluoro 16 alpha methyl delta corticosterone" or "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methyl 1,4 pregnadiene 3,20 dione" or "alpha fluoro 11beta,17alpha,21 trihydroxy 16alpha methylpregna 1,4 diene 3,20 dione" or "alpha fluoro 16alpha methyl delta corticosterone" or "adrecort" or "adrenocot" or "aeroseb dex" or "aflucoson" or "aflucosone" or "alfalyl" or "anaflogistico" or "anaflogistico novobios" or "arcodexan" or "arcodexane" or "artosone" or "azium" or "bidexol" or "calonat" or "cebedex" or "cetadexon" or "colofoam" or "corsona" or "cortastat" or "cortastat 10" or "cortastat la" or "cortidex" or "cortidexason" or "cortidrona" or "cortidrone" or "cortisumman" or "dacortina fuerte" or "dacortine fuerte" or "dalalone" or "dalalone d.p." or "dalalone l.a." or "danasone" or "de-sone la" or "decacortin" or "decadeltosona" or "decadeltosone" or "decaderm" or "decadion" or "decadran" or "decadron" or "decadron 5-12 pak" or "decadron la" or "decadronal" or "decadrone" or "decaesadril" or "decaject" or "decamethasone" or "decasone" or "decaspray" or "decasterolone" or "decdan" or "decilone" or "decilone forte" or "decofluor" or "dectancyl" or "dekacort" or "delladec" or "deltafluoren" or "deltafluorene" or "dergramin" or "deronil" or "desacort" or "desacortone" or "desadrene" or "desalark" or "desameton" or "desametone" or "desigdron" or "dexa cortisyl" or "dexa dabrosan" or "dexa korti" or "dexa scherosan" or "dexa scherozon" or "dexa scherozone" or "dexa-p" or "dexacen 4" or "dexachel" or "dexacort" or "dexacortal" or "dexacorten" or "dexacortin" or "dexacortisyl" or "dexadabrosan" or "dexadecadrol" or "dexadrol" or "dexagel" or "dexagen" or "dexahelvacort" or "dexakorti" or "dexalien" or "dexalocal" or "dexame" or "dexamecortin" or "dexameson" or "dexamesone" or "dexametason" or "dexametasone" or "dexameth" or "dexamethason" or "dexamethasone alcohol" or "dexamethasone intensol" or "dexamethazon" or "dexamethazone" or "dexamethonium" or "dexamonozon" or "dexan" or "dexane" or "dexano" or "dexapot" or "dexascheroson" or "dexascherozon" or "dexascherozone" or "dexason" or "dexasone" or "dexasone la" or "dexasone s" or "dexinoral" or "dexionil" or "dexmethsone" or "dexona" or "dexone" or "dexone 0.5" or "dexone 0.75" or "dexone 1.5" or "dexone 4" or "dexpak taperpak" or "dextelan" or "dextenza" or "dextrasone" or "dexycu" or "dezzone" or "dibasona" or "doxamethasone" or "esacortene" or "ex s1" or "exadion" or "exadione" or "firmalone" or "fluormethyl prednisolone" or "fluormethylprednisolon" or "fluormethylprednisolone" or "fluormone" or "fluorocort" or "fluorodelta" or "fluoromethylprednisolone" or "fortecortin" or "gammacorten" or "gammacortene" or "grosodexon" or "grosodexone" or "hemady" or "hexadecadiol" or "hexadecadrol" or "hexadiol" or "hexadrol" or "isnacort" or "isopto dex" or "isopto maxidex" or "isoptodex" or "isoptomaxidex" or "lokalison f" or "loverine" or "luxazone" or "marvidione" or "maxidex" or "mediamethasone" or "megacortin" or "mephameson" or "mephamesone" or "metasolon" or "metasolone" or "methazon ion" or "methazone ion" or "methazonion" or "methazonione" or "metisone lafi" or "mexasone" or "millicorten" or "millicortenol" or "mk 125" or "mk125" or "mymethasone" or "neoforderx" or "neofordex" or "nisomethasona" or "novocort" or "nsc 34521" or "nsc34521" or "oftan-dexa" or "optiocorten" or "optiocortinol" or " oradexan" or " oradexon" or " oradexone" or " orgadrone" or "ozurdex" or "pidexon" or "policort" or "posurdex" or "predni f tablinen" or "predni-f" or "prednisolone f" or "prodexona" or "prodexone" or "sanamethasone" or "santenson" or "santeson" or "sawasone" or "solurex" or "solurex la" or "spoloven" or "sterasone" or "thilodexine" or "triamcimetil" or "vexamet" or "visumetazone" or "visumethazone") and ("function test" or "stimulation

test" or corticotropin))) OR (("hydrocortisone blood level" or "blood cortisol" or "cortisol blood level" or "cortisolemia" or "hypocortisolism" or "plasma cortisol" or "plasma hydrocortisone" or "serum cortisol" or "serum hydrocortisone") and (midnight))))AND ("biopsy" or "cytopathology" or "histopathology" or "histopathological study " or "neurohistopathology" or "sample") OR (("biopsy" or "cytopathology" or "histopathology" or "histopathological study " or "neurohistopathology" or "sample") and ("Inferior petrosal sinus sampling" or "inferior petrosal sinuses" or "petrosal sinus" or "petrosal sinuses" or "sinus petrosus inferior")))

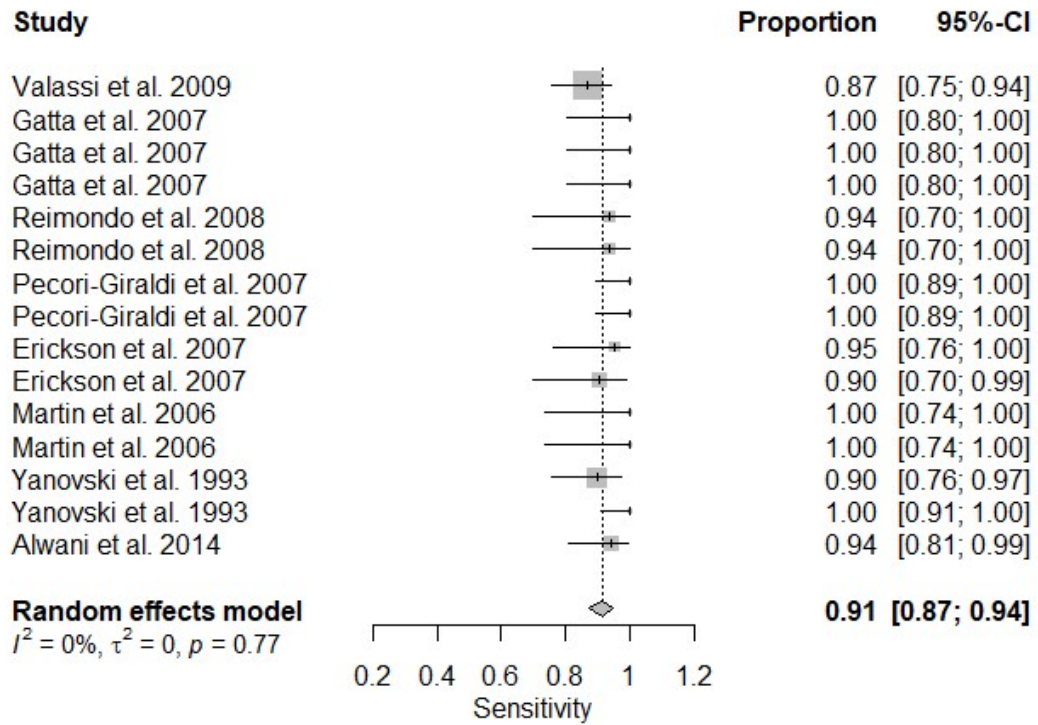
Timespan: All years. Indexes: SCI-EXPANDED, ESCI

| Timespan: 2020-08-01 to 2022-01-24 (Publication Date)

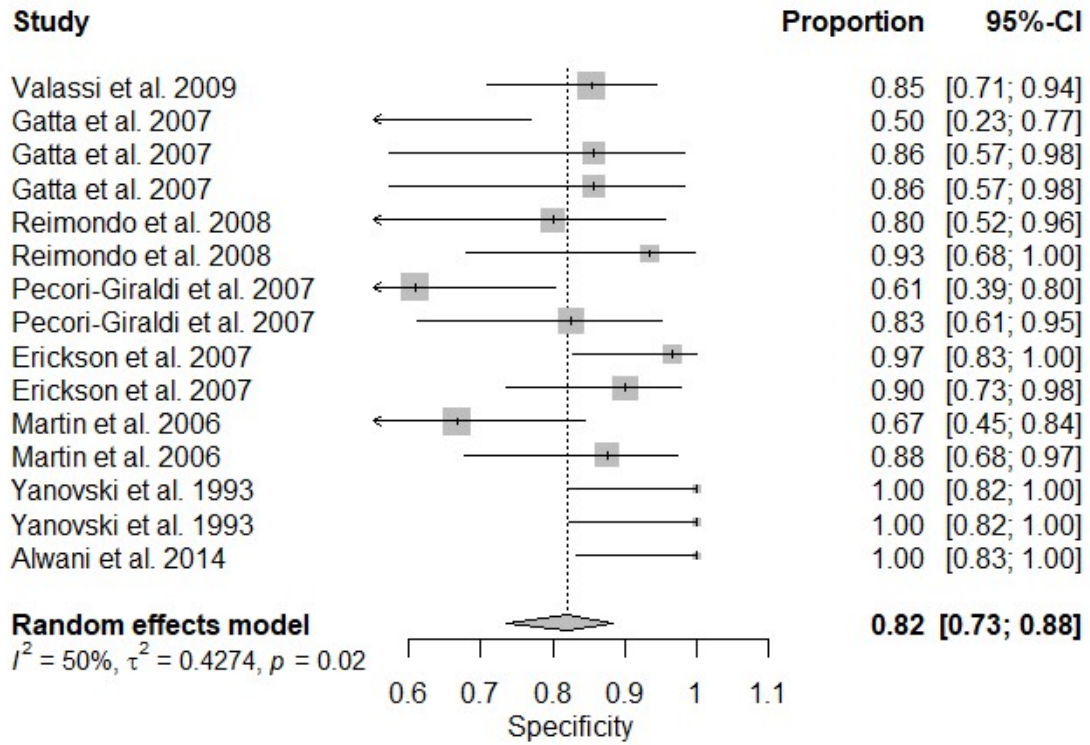
Section 2.- Forrest plots for individual tests

2.1 Dex-CRH

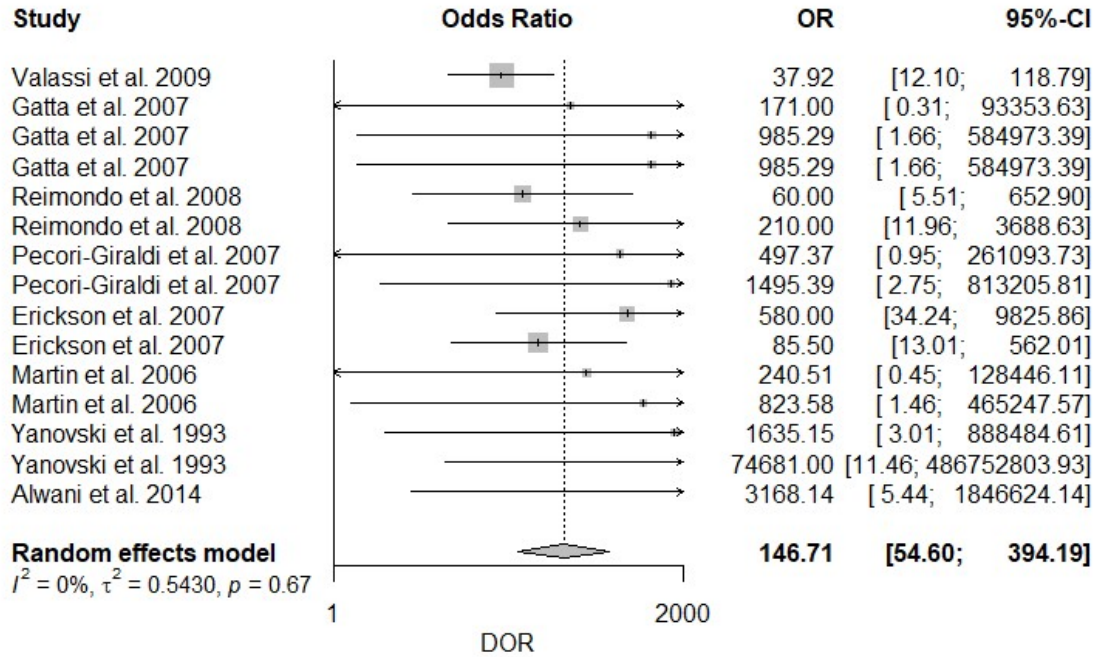
Supplementary figure 1.- Dex-CRH sensitivity



Supplementary figure 2.- Dex-CRH specificity

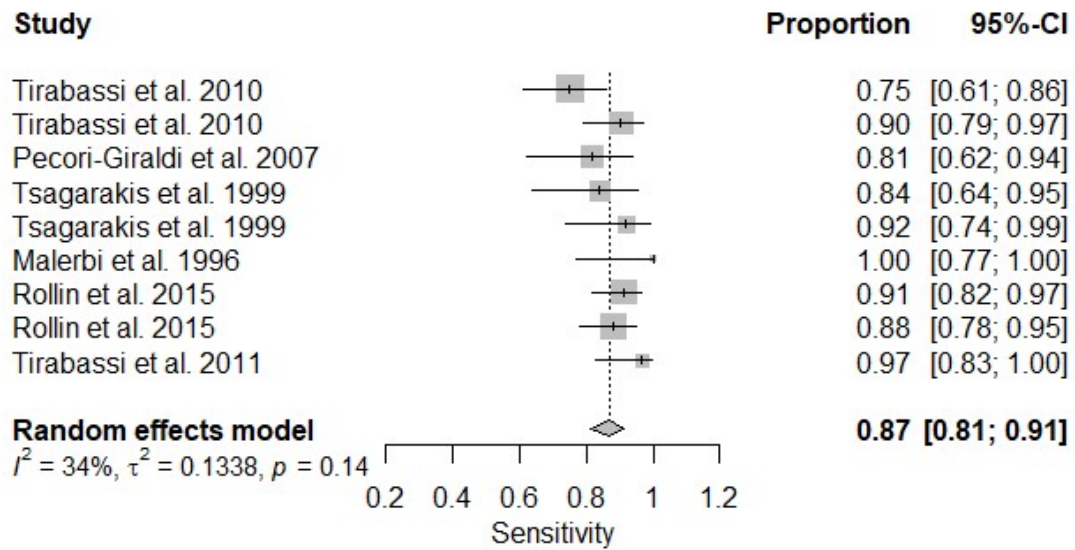


Supplementary figure 3.- Dex-CRH DOR

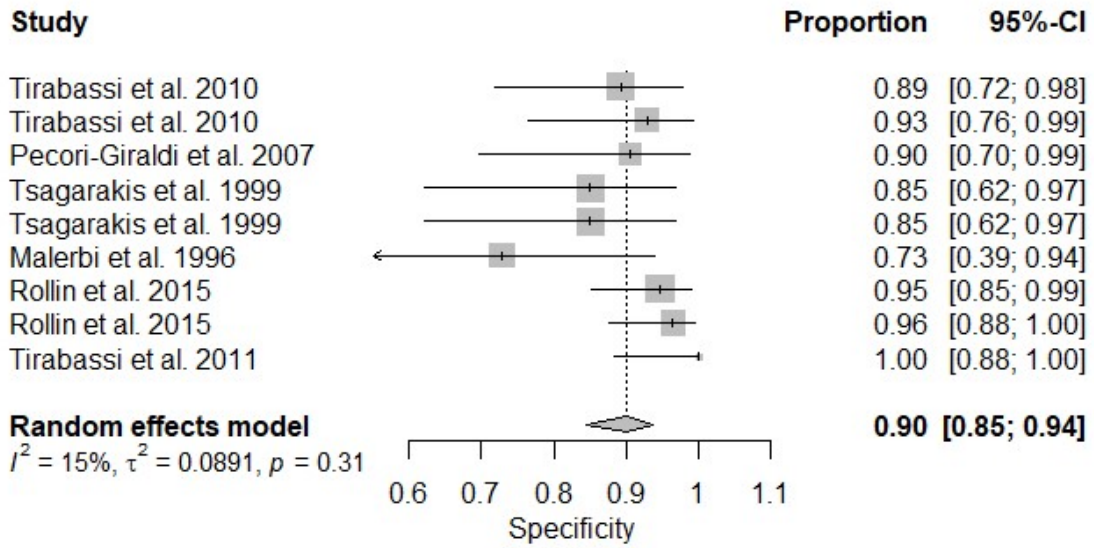


2.2.- DDAVP

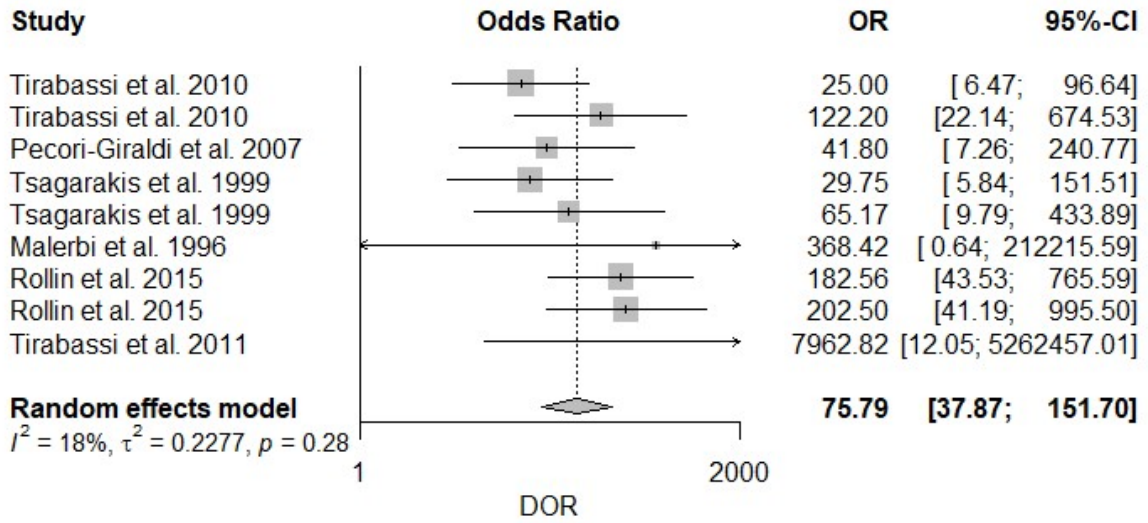
Supplementary figure 4.- DDAVP sensitivity



Supplementary figure 5.- DDAVP specificity

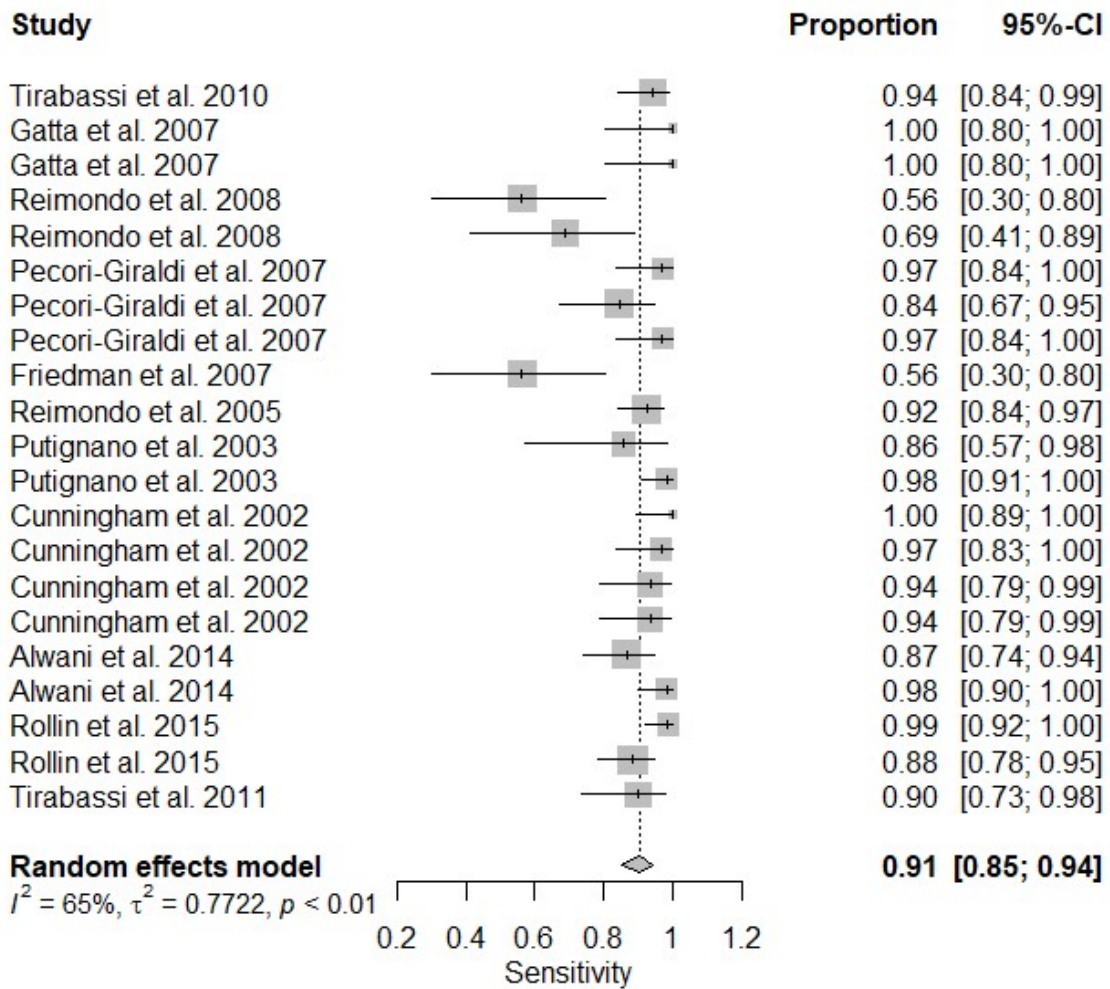


Supplementary figure 6.- DDAVP DOR

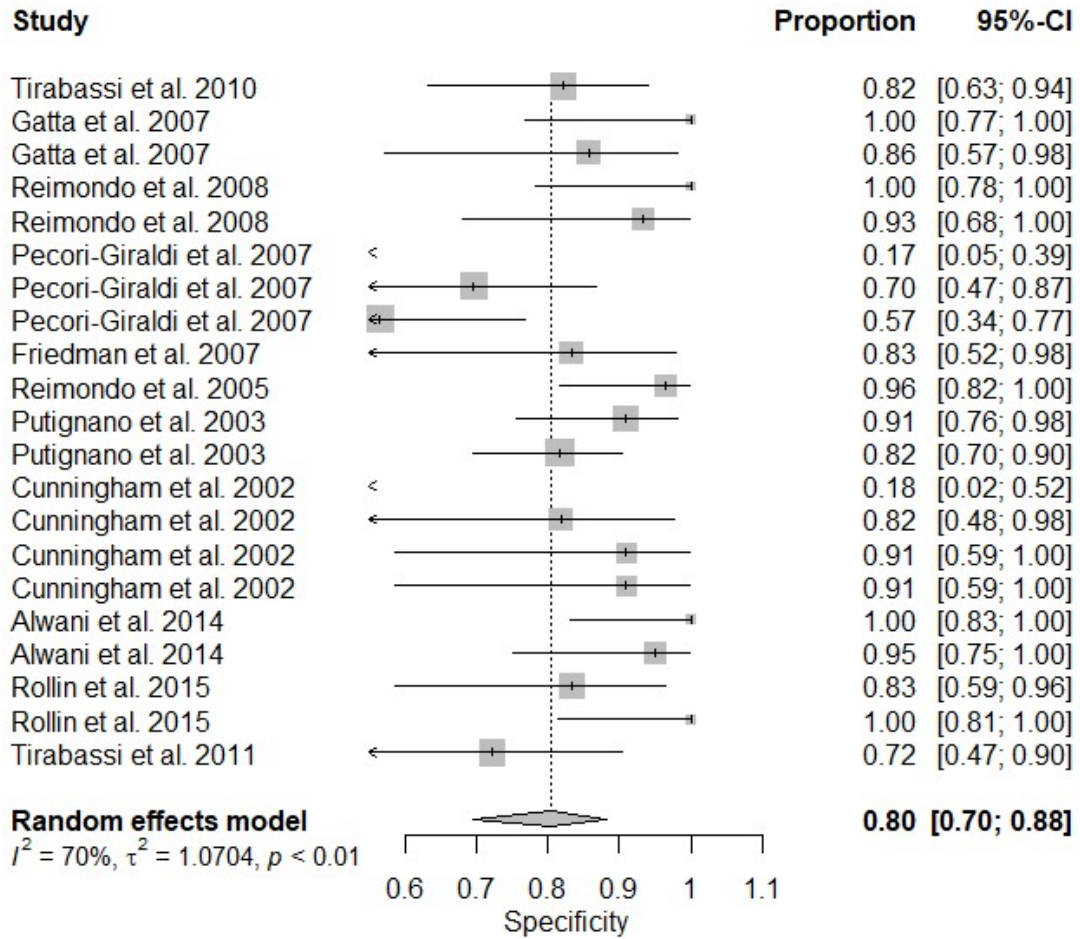


2.3.- MSC

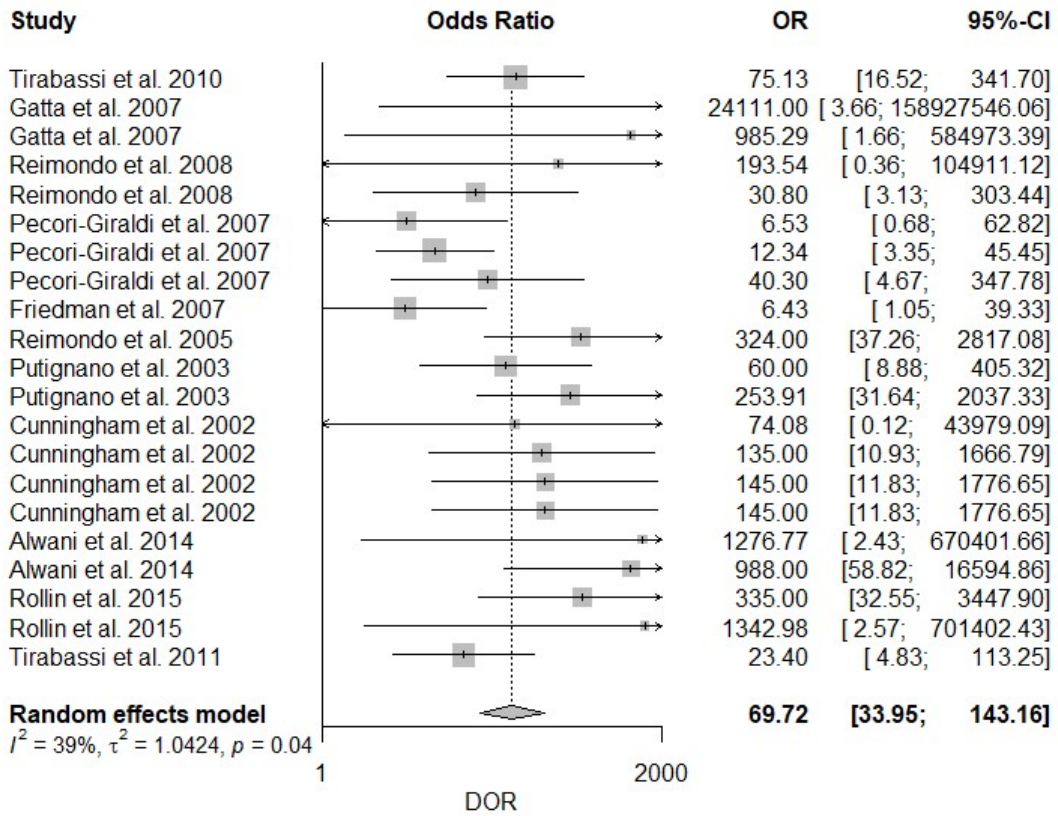
Supplementary figure 7.- MSC sensitivity



Supplementary figure 8.- MSC specificity

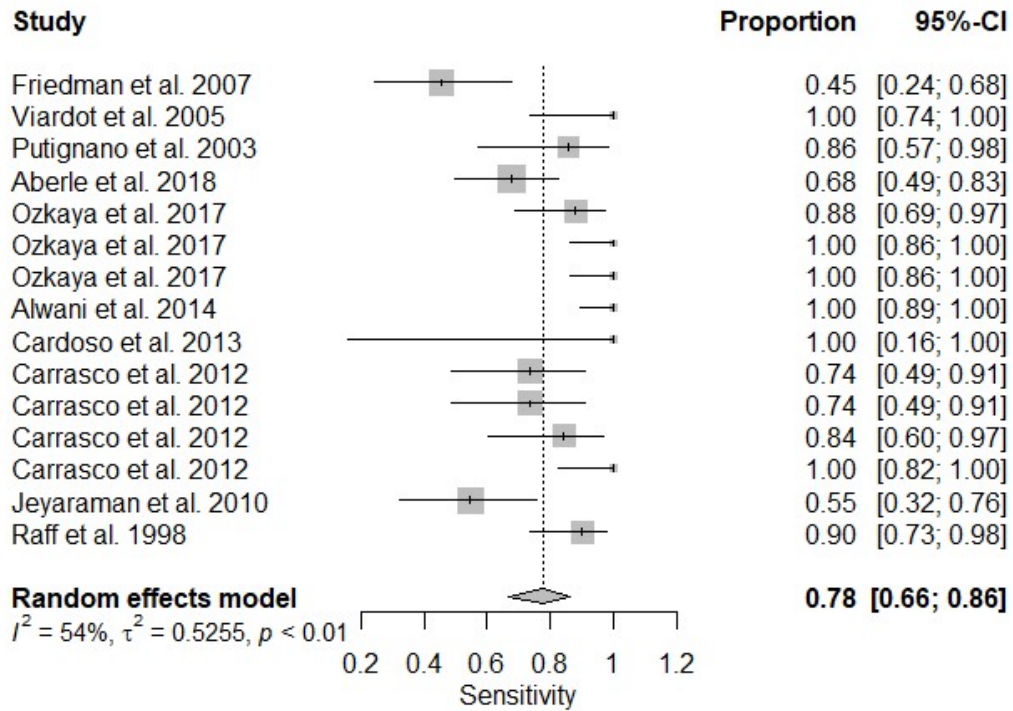


Supplementary figure 9.- MSC DOR

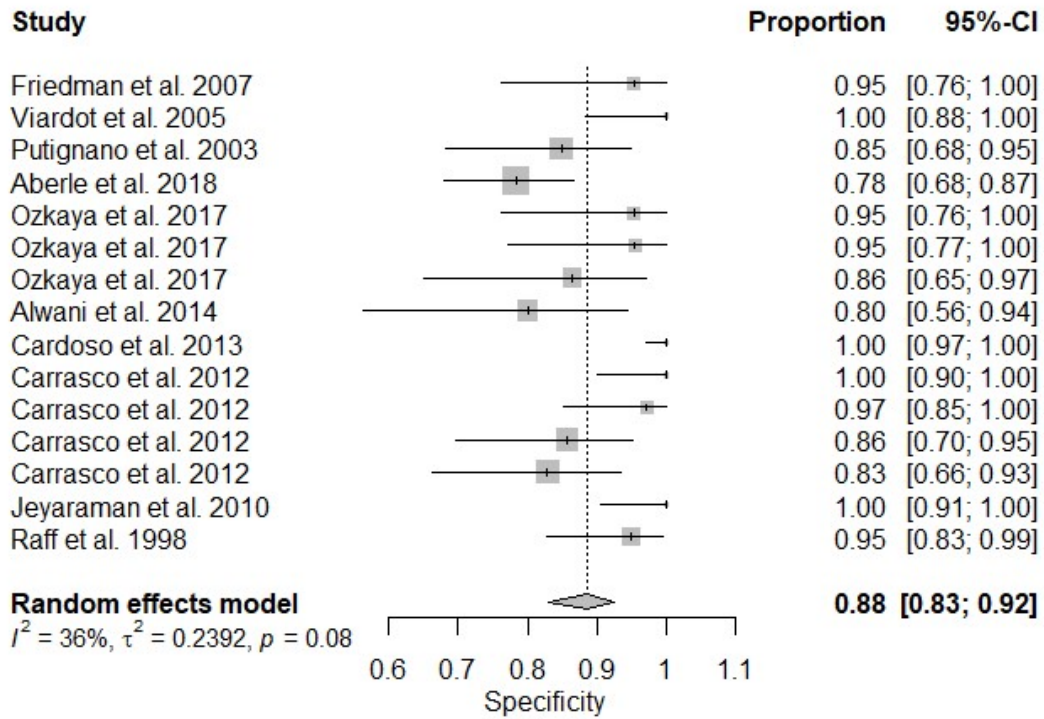


2.4.- LNSC

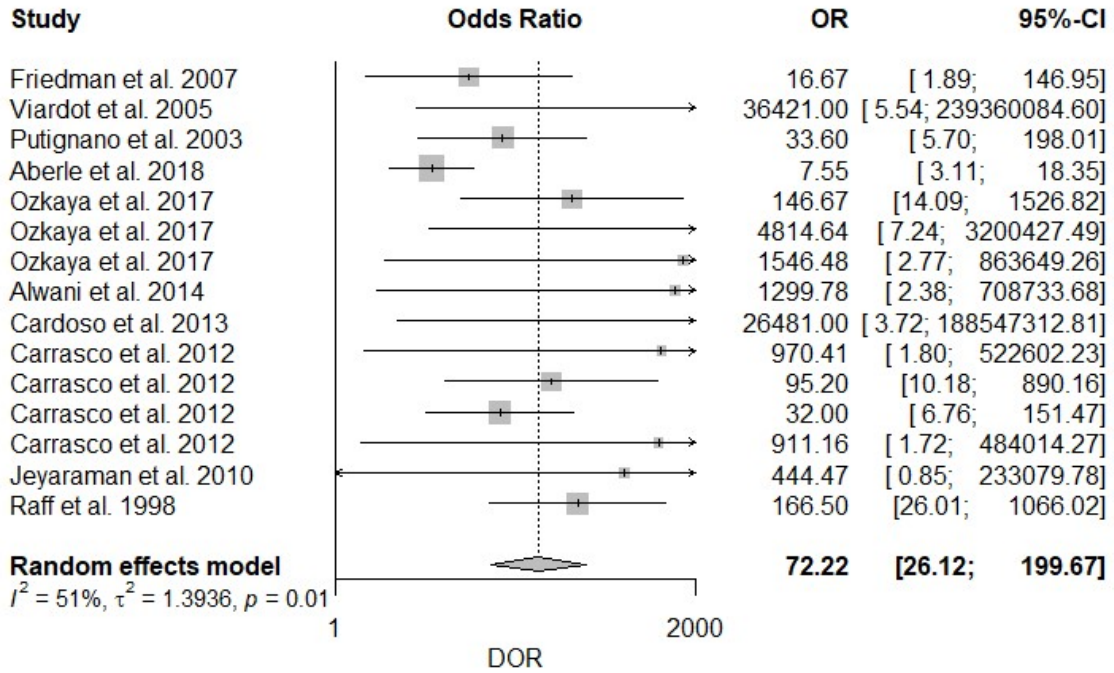
Supplementary figure 10.- LNSC sensitivity



Supplementary figure 11.- LNSC specificity



Supplementary figure 12.- LNSC DOR



Section 3- Risk of bias assessment (QUADAS-2)

Supplementary Table 1. Risk of bias assessment of individual studies using QUADAS-2

Study	Patient selection	Index test	Reference standard	Flow & timing	Overall
Tirabassi et al. 2010	Low	Some concerns	Low	Some concerns	Some concerns
Valassi et al. 2009	High	Some concerns	Low	High	High
Gatta et al. 2007	High	Low	Low	Low	Some concerns
Reimondo et al. 2008	Low	Low	Low	Some concerns	Some concerns
Pecori-Giraldi et al. 2007	Some concerns	Low	Low	Some concerns	Some concerns
Erickson et al. 2007	High	Some concerns	Low	Low	Low
Friedman et al. 2007	Some concerns	Some concerns	Low	Some concerns	Some concerns
Martin et al. 2006	Some concerns	Low	Low	Some concerns	Some concerns
Viardot et al. 2005	Low	Low	Low	High	High
Reimondo et al. 2005	Low	Low	Low	Low	Low
Putignano et al. 2003	Low	Low	Low	Low	Low
Putignano et al. 2003	Low	Low	Low	Low	Low
Cunningham et al. 2002	Low	Low	Low	Low	Low
Papanicolaou et al. 2002	Low	Low	Low	Low	Low
Tsagarakis et al. 1999	High	Low	Low	Low	Some concerns
Malerbi et al. 1996	High	Low	Low	Low	Some concerns
Yanovski et al. 1993	Low	Low	Low	Low	Low
Aberle et al. 2018	High	High	Low	High	High
Ozkaya et al. 2017	High	Some concerns	Low	Low	High
Alwani et al. 2014	Low	Low	Low	Low	Low
Cardoso et al. 2013	High	High	Low	High	High
Carrasco et al. 2012	High	High	Low	High	High
Jeyaraman et al. 2010	High	High	Low	High	High
Raff et al. 1998	High	High	Low	High	High
Rollin et al. 2015	Low	Low	Some concerns	Low	Low
Tirabassi et al. 2011	High	High	Low	High	High

Section 4.- Screening tests' diagnostic accuracy.

Supplementary Table 2. Screening test diagnostic accuracy.

Study	24h UFC		ODST		LDDST	
	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity
Tirabassi 2010	78.8 (65.3 – 88.9)	52.5 (39.1 – 65.7)	90.3 (78.9 – 96.8)	66.1 (52.6 – 77.9)	NR	NR
Valassi 2009	94.5 (91.5 – 97.6)	40 (30.2 – 49.8)	NR	NR	91.0 (84.7 – 97.1)	66.0 (45.8 – 87.5)
Gatta 2007	NR	NR	NR	NR	94.0 (71.2 – 99)	79.0 (49.2 – 95.1)
Reimondo 2008	75.0 (47.4 – 91.6)	100 (74.6 – 100)	87.5 (60.4 – 97.8)	93.3 (66.0 – 99.6)	81.2 (53.6 – 95.0)	93.3 (66 – 99.6)
Pecori-Giraldi 2007	97.0	44.0	98.0	58.0	94.0	74.0
Erickson 2007	78.0	79.0	NR	NR	85.0*	83.0*
Friedman 2007	38.0 (21.0- 57.0)	95.0 (77.0- 99.0)	NR	NR	NR	NR
Martin 2006	NR	NR	NR	NR	100	88.0
Viardot 2005	NR	NR	NR	NR	NR	NR
Reimondo 2005	73.2 (61.4 – 83.1)	96.3 (81.0 – 99.4)	100 ⁺	68.2 (45.1 – 86.1) ⁺	NR	NR
Putignano 2003	97.6 (92.9 – 102.3)	85.3 (81.0 – 89.6)	NR	NR	NR	NR
Putignano 2003 (1)	98.3	73.3	98.3	86.7	NR	NR
Cunningham 2002	NR	NR	NR	NR	NR	NR
Papanicolaou 2002	56.0 (47.0 – 65.0)	100	NR	NR	NR	NR
Tsagarakis 1999	NR	NR	NR	NR	NR	NR
Malerbi 1996	NR	NR	NR	NR	NR	NR
Yanovski 1993	NR	NR	NR	NR	56.0 [#]	100 [#]
Aberle 2018	NR	NR	NR	NR	NR	NR
Ozkaya 2017	NR	NR	NR	NR	NR	NR
Alwani 2014	NR	NR	NR	NR	94.0	84.0
Cardoso 2013	NR	NR	100	97.3	NR	NR
Carrasco 2012	NR	NR	NR	NR	NR	NR
Jeyaraman 2010	NR	NR	NR	NR	NR	NR
Raff 1998	NR	NR	NR	NR	NR	NR

Rollin 2015	90.3	79.0	100	51.0	95.0	61.0
Tirabassi 2011	83.3 (65.2 – 94.3)	40 (22.6 – 59.4)	96.6 (82.7 – 99.9)	50.0 (31.3 – 68.7)	NR	NR
<p>24h UFC: 24 hour urinary free cortisol; LDDST: Low-dose dexamethasone suppression test; NR: Not reported; ODST: Overnight dexamethasone suppression test; ODST and LDDST threshold is post-dexamethasone serum cortisol (1.8 ug/dl) except for: *Post-dexamethasone UFC (6.2 ug/24h); * Post-dexamethasone serum cortisol (1.5 ug/dl); # Post-dexamethasone UFC (36 ug/24h)</p>						