

**Table 14: Database parameters, filters and limits applied**

Database	Dates searched	Search filter used
Medline (OVID)	1946 – 26 September 2023	Observational studies Systematic review studies Prognostic studies  Exclusions (animal studies, letters, comments, editorials, case studies/reports)  English language
Embase (OVID)	1974 – 26 September 2023	Observational studies Systematic review studies Prognostic studies  Exclusions (animal studies, letters, comments, editorials, case studies/reports, conference abstracts)  English language
The Cochrane Library (Wiley)	Cochrane Database of Systematic Reviews to Issue 9 of 12, 26 September 2023	Exclusions (clinical trials, conference abstracts)
Epistemonikos (The Epistemonikos Foundation)	Inception to 26 September 2023	Systematic review  Exclusions (Cochrane reviews)

**Medline (Ovid) search terms**

1.	exp Adrenal Insufficiency/
2.	Adrenal Hyperplasia, Congenital/
3.	(addison* disease or addisonian*).ti,ab,kf.
4.	((adrenal* or adrenocort* or adreno cort*) adj3 (insufficien* or inadequa* or deficient* or suppress* or hypofunction* or disorder* or underactiv* or dysfunction* or abnormal* or problem* or crisis or crises or dysgenesis or destruction or destroy* or hyperplasia or

	hypoplasia or failure* or fails or failed or fatigue or inhibit* or damage* or disruption*)),ti,ab,kf.
5.	((cortisol or aldosterone or adrenocorticotrop* or adreno corticotrop* or ACTH or corticotropi* releas* or corticotropi* releas* or corticoliberin or CRH) adj3 (insufficien* or inadequa* or deficien* or suppress* or reduc* or decreas* or descend* or diminish* or lack* or less or lessen* or low or lower* or limited)).ti,ab,kf.
6.	(hypoadrenal* or hypo adrenal* or hypoadrenocorticism or hypo adrenocorticism or adrenoleukodystrophy or adreno leukodystrophy or adrenomyeloneuropathy or adreno myeloneuropathy or hypoaldosteronism or hypo aldosteronism).ti,ab,kf.
7.	((adrenogenital or adreno genital) adj (syndrome or disorder*)).ti,ab,kf.
8.	((haemorrhag* or hemorrhag* or bleed*) adj3 adrenal*).ti,ab,kf.
9.	(Bronze Schilder* Disease or Melanodermic Leukodystrophy or Schilder-Addison* Complex or Siemerling-Creutzfeldt* Disease).ti,ab,kf.
10.	((Allgrove or 3A or TripleA or AAA) adj syndrome).ti,ab,kf.
11.	(CAH or X-ALD).ti,ab.
12.	(Waterhouse-Friderichsen* syndrome or antiphospholipid syndrome).ti,ab,kf.
13.	Autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy.ti,ab,kf.
14.	or/1-13
15.	letter/
16.	editorial/
17.	news/
18.	exp historical article/
19.	Anecdotes as Topic/
20.	comment/
21.	case reports/
22.	(letter or comment*).ti.
23.	or/15-22
24.	randomized controlled trial/ or random*.ti,ab.
25.	23 not 24
26.	animals/ not humans/
27.	exp Animals, Laboratory/
28.	exp Animal Experimentation/
29.	exp Models, Animal/
30.	exp Rodentia/
31.	(rat or rats or mouse or mice or rodent*).ti.
32.	or/25-31
33.	14 not 32
34.	limit 33 to English language
35.	exp Hypotension/
36.	("low blood pressure" or hypotension or "hypotensive crisis").ti,ab,kf.
37.	Hyperpigmentation/
38.	(hyperpigmentation or pigmentation).ti,ab,kf.
39.	Lethargy/
40.	lethargy.ti,ab,kf.
41.	(salt* adj3 crav*).ti,ab,kf.
42.	Weight Loss/ or Emaciation/
43.	(weight adj2 (loss or losing or decreas*)).ti,ab,kf.
44.	emaciat*.ti,ab,kf.
45.	Hyponatremia/

46.	(hyponatraemia or hyponatremia).ti,ab,kf.
47.	(low adj3 (sodium or salt)).ti,ab,kf.
48.	Hyperkalemia/
49.	(hyperkalaemia or hyperkalemia).ti,ab,kf.
50.	(high adj3 potassium).ti,ab,kf.
51.	Hypoglycemia/
52.	(hypoglycaemia or hypoglycemia).ti,ab,kf.
53.	(low adj3 ("blood glucose" or "blood sugar")).ti,ab,kf.
54.	Nausea/
55.	nausea.ti,ab,kf.
56.	Vomiting/
57.	(vomit* or emesis).ti,ab,kf.
58.	exp Diarrhea/
59.	(diarrhoea or diarrhea).ti,ab,kf.
60.	(fail* adj3 respon* adj3 (initial or treatment*)).ti,ab,kf.
61.	Immune Checkpoint Inhibitors/
62.	"checkpoint inhibitor*".ti,ab,kf.
63.	(atezolizumab or avelumab or durvalumab).ti,ab,kf.
64.	exp Analgesics, Opioid/
65.	opiod*.ti,ab,kf.
66.	exp Glucocorticoids/ or Steroids/ or exp Corticosterone/ or Cortisone/ or Hydrocortisone/
67.	(glucocorticoid* or glucocorticosteroid* or steroid* or corticosterone* or cortisone* or hydrocortisone*).ti,ab,kf.
68.	Enzyme Inhibitors/
69.	"enzyme inhibitor*".ti,ab,kf.
70.	Mitotane/ or Ketoconazole/ or Itraconazole/ or Voriconazole/ or Metyrapone/ or Etomidate/ or Aminoglutethimide/ or exp Phenobarbital/ or Phenytoin/ or Rifampin/
71.	(mitotane or ketoconazole or itraconazole or voriconazole or metyrapone or etomidate or aminoglutethimide or phenobarbital or phenytoin or rifampicin).ti,ab,kf.
72.	Mifepristone/
73.	mifepristone.ti,ab,kf.
74.	Chlorpromazine/
75.	chlorpromazine.ti,ab,kf.
76.	Imipramine/
77.	imipramine.ti,ab,kf.
78.	Primary Ovarian Insufficiency/
79.	((primary or premature) adj2 ovarian adj2 (insufficien* or fail*)).ti,ab,kf.
80.	Hypothalamo-Hypophyseal System/ and Pituitary-Adrenal System/
81.	((HPA or "hypothalamo-pituitary-adrenal") adj3 "suppress*").ti,ab,kf.
82.	((hypothalam* or pituitary) adj3 (disease* or disorder* or neoplasm* or tumour* or tumor* or adenoma*)).ti,ab,kf.
83.	Hypothyroidism/
84.	"primary hypothyroidism".ti,ab,kf.
85.	Brain Neoplasms/
86.	(brain adj3 (neoplasm* or tumour* or tumor* or adenoma*)).ti,ab,kf.
87.	(glioma* or meningioma* or schwannoma*).ti,ab,kf.
88.	Polyendocrinopathies, Autoimmune/

89.	((autoimmune or "auto immune") adj3 (polyglandular or "poly glandular" or polyendocrin* or "poly endocrin*")).ti,ab,kf.
90.	("APS Type*" or APS1 or APS2 or "APS-1" or "APS-2").ti,ab,kf.
91.	Diabetes Mellitus, Type 1/
92.	((autoimmune or "auto immune" or "type 1" or "type i" or type1 or typei or "insulin dependent") adj3 diabetes).ti,ab,kf.
93.	exp Brain Injuries, Traumatic/ or exp Skull Fractures/
94.	(brain adj2 (trauma* or injur*)).ti,ab,kf.
95.	(skull adj2 fracture*).ti,ab,kf.
96.	exp Tuberculosis/
97.	tuberculosis.ti,ab,kf.
98.	exp HIV/
99.	(HIV or "human immunodeficiency virus" or "human immuno deficiency virus" or "human immune deficiency virus").ti,ab,kf.
100.	Acquired Immunodeficiency Syndrome/
101.	(AIDS or "acquired immune deficiency syndrome*" or "acquired immuno deficiency syndrome*" or "acquired immunodeficiency syndrome*").ti,ab,kf.
102.	exp Cytomegalovirus Infections/
103.	(CMV or cytomegalovirus).ti,ab,kf.
104.	exp Mycoses/
105.	((fungal adj3 (infection* or disease*)) or mycoses or mycosis).ti,ab,kf.
106.	Toxoplasmosis/ or Histoplasmosis/ or Coccidioidomycosis/
107.	(toxoplasmos* or histoplasmos* or coccidioidomycos*).ti,ab,kf.
108.	exp Syphilis/
109.	syphilis.ti,ab,kf.
110.	exp Hypophysitis/
111.	((lymphocytic or autoimmune or " auto immune") adj3 hypophysitis).ti,ab,kf.
112.	exp Sarcoidosis/
113.	sarcoidosis.ti,ab,kf.
114.	Histiocytosis, Langerhans-Cell/
115.	(histiocytosis adj2 (X or langerhans)).ti,ab,kf.
116.	Hemochromatosis/
117.	(hemochromatosis or haemochromatosis).ti,ab,kf.
118.	exp Jaundice/
119.	jaundice*.ti,ab,kf.
120.	"Disorders of Sex Development"/
121.	"ambiguous genital*".ti,ab,kf.
122.	(symptom* or suspect* or suspicion).ti,ab.
123.	or/35-122
124.	34 and 123
125.	Epidemiologic studies/
126.	Observational study/
127.	exp Cohort studies/
128.	(cohort adj (study or studies or analys* or data)).ti,ab.
129.	((follow up or observational or uncontrolled or non randomi#ed or epidemiologic*) adj (study or studies or data)).ti,ab.
130.	((longitudinal or retrospective or prospective) and (study or studies or review or analys* or cohort* or data)).ti,ab.

131.	Controlled Before-After Studies/
132.	Historically Controlled Study/
133.	Interrupted Time Series Analysis/
134.	(before adj2 after adj2 (study or studies or data)).ti,ab.
135.	exp case control study/
136.	case control*.ti,ab.
137.	Cross-sectional studies/
138.	(cross sectional and (study or studies or review or analys* or cohort* or data)).ti,ab.
139.	or/125-138
140.	Meta-Analysis/
141.	Meta-Analysis as Topic/
142.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
143.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
144.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
145.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
146.	(search* adj4 literature).ab.
147.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
148.	cochrane.jw.
149.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
150.	or/140-149
151.	exp Prognosis/
152.	Disease progression/
153.	(prognos* or predict*).ti,ab.
154.	(validat* or rule*).ti,ab.
155.	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (model* or decision* or identif*)).ti,ab.
156.	(decision* and (model* or clinical*)).ti,ab.
157.	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
158.	ROC curve/
159.	or/151-158
160.	124 and (139 or 150 or 159)

**Embase (Ovid) search terms**

1.	exp Adrenal cortex insufficiency/
2.	Congenital adrenal hyperplasia/
3.	(addison* disease or addisonian*).ti,ab,kf.
4.	((adrenal* or adrenocort* or adreno cort*) adj3 (insufficien* or inadequa* or deficien* or suppress* or hypofunction* or disorder* or underactiv* or dysfunction* or abnormal* or problem* or crisis or crises or dysgenesis or destruction or destroy* or hyperplasia or hypoplasia or failure* or fails or failed or fatigue or inhibit* or damage* or disruption*)).ti,ab,kf.
5.	((cortisol or aldosterone or adrenocorticotrop* or adreno corticotrop* or ACTH or corticotropi* releas* or corticotropi* releas* or corticoliberin or CRH) adj3 (insufficien* or inadequa* or deficien* or suppress* or reduc* or decreas* or descend* or diminish* or lack* or less or lessen* or low or lower* or limited)).ti,ab,kf.

6.	(hypoadrenal* or hypo adrenal* or hypoadrenocorticism or hypo adrenocorticism or adrenoleukodystrophy or adreno leukodystrophy or adrenomyeloneuropathy or adreno myeloneuropathy or hypoaldosteronism or hypo aldosteronism).ti,ab,kf.
7.	((adrenogenital or adreno genital) adj (syndrome or disorder*)).ti,ab,kf.
8.	((haemorrhag* or hemorrhag* or bleed*) adj3 adrenal*).ti,ab,kf.
9.	(Bronze Schilder* Disease or Melanodermic Leukodystrophy or Schilder-Addison* Complex or Siemerling-Creutzfeldt* Disease).ti,ab,kf.
10.	((Allgrove or 3A or TripleA or AAA) adj syndrome).ti,ab,kf.
11.	(CAH or X-ALD).ti,ab.
12.	(Waterhouse-Friderichsen* syndrome or antiphospholipid syndrome).ti,ab,kf.
13.	Autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy.ti,ab,kf.
14.	or/1-13
15.	letter.pt. or letter/
16.	note.pt.
17.	editorial.pt.
18.	case report/ or case study/
19.	(letter or comment*).ti.
20.	(conference abstract* or conference review or conference paper or conference proceeding).db,pt,su.
21.	or/15-20
22.	randomized controlled trial/ or random*.ti,ab.
23.	21 not 22
24.	animal/ not human/
25.	nonhuman/
26.	exp Animal Experiment/
27.	exp Experimental Animal/
28.	animal model/
29.	exp Rodent/
30.	(rat or rats or mouse or mice or rodent*).ti.
31.	or/23-30
32.	14 not 31
33.	limit 32 to English language
34.	*hypotension/
35.	("low blood pressure" or hypotension or "hypotensive crisis").ti,ab,kf.
36.	*hyperpigmentation/
37.	(hyperpigmentation or pigmentation).ti,ab,kf.
38.	*lethargy/
39.	lethargy.ti,ab,kf.
40.	(salt* adj3 crav*).ti,ab,kf.
41.	exp *body weight loss/
42.	(weight adj2 (loss or losing or decreas*)).ti,ab,kf.
43.	emaciat*.ti,ab,kf.
44.	*hyponatremia/
45.	(hyponatraemia or hyponatremia).ti,ab,kf.
46.	(low adj3 (sodium or salt)).ti,ab,kf.
47.	*hyperkalemia/
48.	(hyperkalaemia or hyperkalemia).ti,ab,kf.
49.	(high adj3 potassium).ti,ab,kf.

50.	*hypoglycemia/
51.	(hypoglycaemia or hypoglycemia).ti,ab,kf.
52.	(low adj3 ("blood glucose" or "blood sugar")).ti,ab,kf.
53.	*nausea/
54.	nausea.ti,ab,kf.
55.	*vomiting/
56.	(vomit* or emesis).ti,ab,kf.
57.	*diarrhea/
58.	(diarrhoea or diarrhea).ti,ab,kf.
59.	*treatment failure/
60.	(fail* adj3 respon* adj3 (initial or treatment*)).ti,ab,kf.
61.	*immune checkpoint inhibitor/
62.	"checkpoint inhibitor*".ti,ab,kf.
63.	*atezolizumab/ or *avelumab/ or *durvalumab/
64.	(atezolizumab or avelumab or durvalumab).ti,ab,kf.
65.	*opiate/
66.	opiod*.ti,ab,kf.
67.	*glucocorticoid/ or *steroid/ or *corticosterone/ or *cortisone/ or *hydrocortisone/
68.	(glucocorticoid* or glucocorticosteroid* or steroid* or corticosterone* or cortisone* or hydrocortisone*).ti,ab,kf.
69.	*enzyme inhibitor/
70.	"enzyme inhibitor*".ti,ab,kf.
71.	*mitotane/ or *ketoconazole/ or *itraconazole/ or *voriconazole/ or *metyrapone/ or *etomidate/ or *aminoglutethimide/ or *phenobarbital/ or *phenytoin/ or *rifampin/
72.	(mitotane or ketoconazole or itraconazole or voriconazole or metyrapone or etomidate or aminoglutethimide or phenobarbital or phenytoin or rifampicin).ti,ab,kf.
73.	*mifepristone/
74.	mifepristone.ti,ab,kf.
75.	*chlorpromazine/
76.	chlorpromazine.ti,ab,kf.
77.	*imipramine/
78.	imipramine.ti,ab,kf.
79.	*premature ovarian failure/
80.	((primary or premature) adj2 ovarian adj2 (insufficien* or fail*)).ti,ab,kf.
81.	*hypothalamus hypophysis adrenal system/
82.	((HPA or "hypothalamo-pituitary-adrenal") adj3 "suppress*").ti,ab,kf.
83.	((hypothalam* or pituitary) adj3 (disease* or disorder* or neoplasm* or tumour* or tumor* or adenoma*)).ti,ab,kf.
84.	*hypothyroidism/
85.	"primary hypothyroidism".ti,ab,kf.
86.	*brain tumor/
87.	(brain adj3 (neoplasm* or tumour* or tumor* or adenoma*)).ti,ab,kf.
88.	(glioma* or meningioma* or schwannoma*).ti,ab,kf.
89.	*polyendocrinopathy/
90.	((autoimmune or "auto immune") adj3 (polyglandular or "poly glandular" or polyendocrin* or "poly endocrin*")).ti,ab,kf.
91.	("APS Type*" or APS1 or APS2 or "APS-1" or "APS-2").ti,ab,kf.
92.	exp *insulin dependent diabetes mellitus/

93.	((autoimmune or "auto immune" or "type 1" or "type i" or type1 or typei or "insulin dependent") adj3 diabetes).ti,ab,kf.
94.	*traumatic brain injury/ or *skull base fracture/
95.	(brain adj2 (trauma* or injur*)).ti,ab,kf.
96.	(skull adj2 fracture*).ti,ab,kf.
97.	*tuberculosis/
98.	tuberculosis.ti,ab,kf.
99.	*Human immunodeficiency virus/
100.	(HIV or "human immunodeficiency virus" or "human immuno deficiency virus" or "human immune deficiency virus").ti,ab,kf.
101.	*acquired immune deficiency syndrome/
102.	(AIDS or "acquired immune deficiency syndrome*" or "acquired immuno deficiency syndrome*" or "acquired immunodeficiency syndrome*").ti,ab,kf.
103.	exp *cytomegalovirus infection/
104.	(CMV or cytomegalovirus).ti,ab,kf.
105.	*mycosis/
106.	((fungal adj3 (infection* or disease*)) or mycoses or mycosis).ti,ab,kf.
107.	*toxoplasmosis/ or *histoplasmosis/ or *coccidioidomycosis/
108.	(toxoplasmos* or histoplasmos* or coccidioidomycos*).ti,ab,kf.
109.	*syphilis/
110.	syphilis.ti,ab,kf.
111.	exp *hypophysitis/
112.	((lymphocytic or autoimmune or " auto immune") adj3 hypophysitis).ti,ab,kf.
113.	exp *sarcoidosis/
114.	sarcoidosis.ti,ab,kf.
115.	*Langerhans cell histiocytosis/
116.	(histiocytosis adj2 (X or langerhans)).ti,ab,kf.
117.	*hemochromatosis/
118.	(hemochromatosis or haemochromatosis).ti,ab,kf.
119.	*jaundice/
120.	jaundice*.ti,ab,kf.
121.	*ambiguous genitalia/
122.	"ambiguous genital*".ti,ab,kf.
123.	(symptom* or suspect* or suspicion).ti,ab.
124.	or/34-123
125.	33 and 124
126.	Clinical study/
127.	Observational study/
128.	Family study/
129.	Longitudinal study/
130.	Retrospective study/
131.	Prospective study/
132.	Cohort analysis/
133.	Follow-up/
134.	cohort*.ti,ab.
135.	133 and 134
136.	(cohort adj (study or studies or analys* or data)).ti,ab.



137.	((follow up or observational or uncontrolled or non randomi#ed or epidemiologic*) adj (study or studies or data)).ti,ab.
138.	((longitudinal or retrospective or prospective) and (study or studies or review or analys* or cohort* or data)).ti,ab.
139.	(before adj2 after adj2 (study or studies or data)).ti,ab.
140.	exp case control study/
141.	case control*.ti,ab.
142.	cross-sectional study/
143.	(cross sectional and (study or studies or review or analys* or cohort* or data)).ti,ab.
144.	or/126-132,135-143
145.	Systematic Review/
146.	Meta-Analysis/
147.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
148.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
149.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
150.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
151.	(search* adj4 literature).ab.
152.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
153.	cochrane.jw.
154.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
155.	or/145-154
156.	prognosis/
157.	disease exacerbation/
158.	(prognos* or predict*).ti,ab.
159.	(validat* or rule*).ti,ab.
160.	((history or variable* or criteria or scor* or characteristic* or finding* or factor*) and (model* or decision* or identif*)).ti,ab.
161.	(decision* and (model* or clinical*)).ti,ab.
162.	(stratification or discrimination or discriminate or c statistic or "area under the curve" or AUC or calibration or indices or algorithm or multivariable).ti,ab.
163.	ROC curve/
164.	or/156-163
165.	125 and (144 or 155 or 164)

### Cochrane Library (Wiley) search terms

#1.	MeSH descriptor: [Adrenal Insufficiency] explode all trees
#2.	MeSH descriptor: [Adrenal Hyperplasia, Congenital] this term only
#3.	((addison* NEXT disease) or addisonian*).ti,ab,kw
#4.	((adrenal* or adrenocort* or adreno-cort*) near/3 (insufficien* or inadequa* or deficien* or suppress* or hypofunction* or disorder* or underactiv* or dysfunction* or abnormal* or problem* or crisis or crises or dysgenesis or destruction or destroy* or hyperplasia or hypoplasia or failure* or fails or failed or fatigue or inhibit* or damage* or disruption*)).ti,ab,kw
#5.	((cortisol or aldosterone or adrenocorticotrop* or adreno-corticotrop* or ACTH or (corticotropi* NEXT releas*) or (corticotrophi* NEXT releas*) or corticoliberin or CRH) near/3 (insufficien* or inadequa* or deficien* or suppress* or reduc* or decreas* or descend* or diminish* or lack* or less or lessen* or low or lower* or limited)).ti,ab,kw

#6.	(hypoadrenal* or hypo-adrenal* or hypoadrenocorticism or "hypo adrenocorticism" or adrenoleukodystrophy or "adreno leukodystrophy" or adrenomyeloneuropathy or "adreno myeloneuropathy" or hypoaldosteronism or "hypo aldosteronism"):ti,ab,kw
#7.	((adrenogenital or "adreno genital") near/1 (syndrome or disorder*)):ti,ab,kw
#8.	((haemorrhag* or hemorrhag* or bleed*) near/3 adrenal*):ti,ab,kw
#9.	((Bronze NEXT Schilder*) or "Melanodermic Leukodystrophy" or (Schilder NEXT Addison*) or (Siemerling NEXT Creutzfeldt*)):ti,ab,kw
#10.	((Allgrove or 3A or TripleA or AAA) near/1 syndrome):ti,ab,kw
#11.	(CAH or "X-ALD"):ti,ab
#12.	((Waterhouse NEXT Friderichsen*) or "antiphospholipid syndrome"):ti,ab,kw
#13.	"Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy":ti,ab,kw
#14.	(or #1-#13)
#15.	MeSH descriptor: [Hypotension] explode all trees
#16.	("low blood pressure" or hypotension or "hypotensive crisis"):ti,ab,kw
#17.	MeSH descriptor: [Hyperpigmentation] this term only
#18.	(hyperpigmentation or pigmentation):ti,ab,kw
#19.	MeSH descriptor: [Lethargy] this term only
#20.	lethargy:ti,ab,kw
#21.	(salt* near/3 crav*):ti,ab,kw
#22.	MeSH descriptor: [Weight Loss] this term only
#23.	MeSH descriptor: [Emaciation] this term only
#24.	(weight near/2 (loss or losing or decreas*)):ti,ab,kw
#25.	emaciat*:ti,ab,kw
#26.	MeSH descriptor: [Hyponatremia] this term only
#27.	(hyponatraemia or hyponatremia):ti,ab,kw
#28.	(low near/3 (sodium or salt)):ti,ab,kw
#29.	MeSH descriptor: [Hyperkalemia] this term only
#30.	(hyperkalaemia or hyperkalemia):ti,ab,kw
#31.	(high near/3 potassium):ti,ab,kw
#32.	MeSH descriptor: [Hypoglycemia] this term only
#33.	(hypoglycaemia or hypoglycemia):ti,ab,kw
#34.	(low near/3 ("blood glucose" or "blood sugar")):ti,ab,kw
#35.	MeSH descriptor: [Nausea] this term only
#36.	nausea:ti,ab,kw
#37.	MeSH descriptor: [Vomiting] this term only
#38.	(vomit* or emesis):ti,ab,kw
#39.	MeSH descriptor: [Diarrhea] explode all trees
#40.	(diarrhoea or diarrhea):ti,ab,kw
#41.	(fail* near/3 respon* near/3 (initial or treatment*)):ti,ab,kw
#42.	MeSH descriptor: [Immune Checkpoint Inhibitors] this term only
#43.	checkpoint-inhibitor*:ti,ab,kw
#44.	(atezolizumab or avelumab or durvalumab):ti,ab,kw
#45.	MeSH descriptor: [Analgesics, Opioid] explode all trees
#46.	opioid*:ti,ab,kw
#47.	MeSH descriptor: [Glucocorticoids] explode all trees
#48.	MeSH descriptor: [Steroids] this term only
#49.	MeSH descriptor: [Corticosterone] explode all trees
#50.	MeSH descriptor: [Cortisone] this term only

#51.	MeSH descriptor: [Hydrocortisone] this term only
#52.	(glucocorticoid* or glucocorticosteroid* or steroid* or corticosterone* or cortisone* or hydrocortisone*):ti,ab,kw
#53.	MeSH descriptor: [Enzyme Inhibitors] this term only
#54.	enzyme-inhibitor*:ti,ab,kw
#55.	MeSH descriptor: [Mitotane] this term only
#56.	MeSH descriptor: [Ketoconazole] this term only
#57.	MeSH descriptor: [Itraconazole] this term only
#58.	MeSH descriptor: [Voriconazole] this term only
#59.	MeSH descriptor: [Metyrapone] this term only
#60.	MeSH descriptor: [Etomidate] this term only
#61.	MeSH descriptor: [Aminoglutethimide] this term only
#62.	MeSH descriptor: [Phenobarbital] explode all trees
#63.	MeSH descriptor: [Phenytoin] this term only
#64.	MeSH descriptor: [Rifampin] this term only
#65.	(mitotane or ketoconazole or itraconazole or voriconazole or metyrapone or etomidate or aminoglutethimide or phenobarbital or phenytoin or rifampicin):ti,ab,kw
#66.	MeSH descriptor: [Mifepristone] this term only
#67.	mifepristone:ti,ab,kw
#68.	MeSH descriptor: [Chlorpromazine] this term only
#69.	chlorpromazine:ti,ab,kw
#70.	MeSH descriptor: [Imipramine] this term only
#71.	imipramine:ti,ab,kw
#72.	MeSH descriptor: [Primary Ovarian Insufficiency] this term only
#73.	((primary or premature) near/2 ovarian near/2 (insufficien* or fail*)):ti,ab,kw
#74.	MeSH descriptor: [Hypothalamo-Hypophyseal System] this term only
#75.	MeSH descriptor: [Pituitary-Adrenal System] this term only
#76.	#74 and #75
#77.	((HPA or "hypothalamo-pituitary-adrenal") near/3 suppress*):ti,ab,kw
#78.	((hypothalam* or pituitary) near/3 (disease* or disorder* or neoplasm* or tumour* or tumor* or adenoma*)):ti,ab,kw
#79.	MeSH descriptor: [Hypothyroidism] this term only
#80.	primary hypothyroidism:ti,ab,kw
#81.	MeSH descriptor: [Brain Neoplasms] this term only
#82.	(brain near/3 (neoplasm* or tumour* or tumor* or adenoma*)):ti,ab,kw
#83.	(glioma* or meningioma* or schwannoma*):ti,ab,kw
#84.	MeSH descriptor: [Polyendocrinopathies, Autoimmune] this term only
#85.	((autoimmune or "auto immune") near/3 (polyglandular or "poly glandular" or polyendocrin* or poly-endocrin*)):ti,ab,kw
#86.	(APS-Type* or APS1 or APS2 or "APS-1" or "APS-2"):ti,ab,kw
#87.	MeSH descriptor: [Diabetes Mellitus, Type 1] this term only
#88.	((autoimmune or "auto immune" or "type 1" or "type i" or type1 or typei or "insulin dependent") near/3 diabetes):ti,ab,kw
#89.	MeSH descriptor: [Brain Injuries, Traumatic] explode all trees
#90.	MeSH descriptor: [Skull Fractures] explode all trees
#91.	(brain near/2 (trauma* or injur*)):ti,ab,kw
#92.	(skull near/2 fracture*):ti,ab,kw
#93.	MeSH descriptor: [Tuberculosis] explode all trees

#94.	tuberculosis:ti,ab,kw
#95.	MeSH descriptor: [HIV] explode all trees
#96.	(HIV or "human immunodeficiency virus" or "human immuno deficiency virus" or "human immune deficiency virus"):ti,ab,kw
#97.	MeSH descriptor: [Acquired Immunodeficiency Syndrome] this term only
#98.	(AIDS or "acquired immune deficiency syndrome" or "acquired immuno deficiency syndrome" or "acquired immunodeficiency syndrome"):ti,ab,kw
#99.	MeSH descriptor: [Cytomegalovirus Infections] explode all trees
#100.	(CMV or cytomegalovirus):ti,ab,kw
#101.	MeSH descriptor: [Mycoses] explode all trees
#102.	((fungal near/3 (infection* or disease*)) or mycoses or mycosis):ti,ab,kw
#103.	MeSH descriptor: [Toxoplasmosis] this term only
#104.	MeSH descriptor: [Histoplasmosis] this term only
#105.	MeSH descriptor: [Coccidioidomycosis] this term only
#106.	(toxoplasmos* or histoplasmos* or coccidioidomycos*):ti,ab,kw
#107.	MeSH descriptor: [Syphilis] explode all trees
#108.	syphilis:ti,ab,kw
#109.	MeSH descriptor: [Hypophysitis] explode all trees
#110.	((lymphocytic or autoimmune or " auto immune") near/3 hypophysitis):ti,ab,kw
#111.	MeSH descriptor: [Sarcoidosis] explode all trees
#112.	sarcoidosis:ti,ab,kw
#113.	MeSH descriptor: [Histiocytosis, Langerhans-Cell] this term only
#114.	(histiocytosis near/2 (X or langerhans)):ti,ab,kw
#115.	MeSH descriptor: [Hemochromatosis] this term only
#116.	(hemochromatosis or haemochromatosis):ti,ab,kw
#117.	MeSH descriptor: [Jaundice] explode all trees
#118.	jaundice*:ti,ab,kw
#119.	MeSH descriptor: [Disorders of Sex Development] this term only
#120.	ambiguous-genital*:ti,ab,kw
#121.	(symptom* or suspect* or suspicion):ti,ab
#122.	(or #15-#73)
#123.	(or #76-#121)
#124.	#122 or #123
#125.	#14 and #124
#126.	conference:pt or (clinicaltrials or trialsearch):so
#127.	#125 not #126

### Epistemonikos search terms

1.	(title:( "adrenal insufficiency" OR "adrenal inadequacy" OR "adrenal deficiency" OR "adrenal suppression" OR "adrenal hypofunction" OR "adrenal disorder" OR "adrenal underactivity" OR "adrenal dysfunction" OR "adrenal crisis" OR "adrenal crises" OR "adrenal hypoplasia" OR "adrenal congenital hyperplasia" OR "addison disease" OR "addisons disease" OR "addison's disease" OR addisonian* OR hypoadrenal* OR "hypo adrenalism" OR hypoadrenocorticism OR "hypo adrenocorticism" OR adrenoleukodystrophy OR "adreno leukodystrophy" OR adrenomyeloneuropathy OR "adreno myeloneuropathy" OR hypoaldosteronism OR "hypo aldosteronism") OR abstract:( "adrenal insufficiency" OR "adrenal inadequacy" OR "adrenal deficiency" OR "adrenal suppression" OR "adrenal hypofunction" OR "adrenal disorder" OR "adrenal underactivity" OR "adrenal dysfunction" OR "adrenal crisis" OR "adrenal crises" OR "adrenal hypoplasia" OR "adrenal congenital hyperplasia" OR "addison disease" OR "addisons disease" OR "addison's disease" OR addisonian* OR hypoadrenal* OR
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<p>"hypo adrenalism" OR hypoadrenocorticism OR "hypo adrenocorticism" OR adrenoleukodystrophy OR "adreno leukodystrophy" OR adrenomyeloneuropathy OR "adreno myeloneuropathy" OR hypoaldosteronism OR "hypo aldosteronism")) AND (title:(("low blood pressure" OR hypotension OR "hypotensive crisis" OR hyperpigmentation OR pigmentation OR lethargy OR "salt craving" OR "weight loss" OR emaciat* OR hyponatraemia OR hyponatremia OR "low sodium" OR "low salt" OR hyperkalaemia OR hyperkalemia OR "high potassium" OR hypoglycaemia OR hypoglycemia OR "low blood glucose" OR "low blood sugar" OR nausea OR vomit* OR emesis OR diarrhoea OR diarrhea OR "checkpoint inhibitor" OR atezolizumab OR avelumab OR durvalumab OR opioid* OR glucocorticoid* OR glucocorticosteroid* OR steroid* OR corticosterone* OR cortisone* OR hydrocortisone* OR "enzyme inhibitor" OR mitotane OR ketoconazole OR itraconazole OR voriconazole OR metyrapone OR etomidate OR aminoglutethimide OR phenobarbital OR phenytoin OR rifampicin OR mifepristone OR chlorpromazine OR imipramine OR "primary ovarian insufficiency" OR "premature ovarian failure" OR "primary hypothyroidism" OR "brain tumour" OR "brain tumor" OR glioma* OR meningioma* OR schwannoma* OR "autoimmune polyglandular" OR "type 1 diabetes" OR "autoimmune diabetes" OR "brain injury" OR "brain injuries" OR "skull fracture" OR "skull fractures" OR tuberculosis OR HIV OR "human immunodeficiency virus" OR "human immuno deficiency virus" OR "human immune deficiency virus" OR AIDS OR "acquired immune deficiency syndrome" OR "acquired immuno deficiency syndrome" OR "acquired immunodeficiency syndrome" OR cytomegalovirus OR "fungal infection" OR "fungal infections" OR mycoses OR mycosis OR toxoplasmos* OR histoplasmos* OR coccidioidomycos* OR syphilis OR "lymphocytic hypophysitis" OR sarcoidosis OR "histiocytosis X" OR langerhans OR hemochromatosis OR haemochromatosis OR jaundice* OR "ambiguous genitalia" OR "ambiguous genitals") OR abstract:(("low blood pressure" OR hypotension OR "hypotensive crisis" OR hyperpigmentation OR pigmentation OR lethargy OR "salt craving" OR "weight loss" OR emaciat* OR hyponatraemia OR hyponatremia OR "low sodium" OR "low salt" OR hyperkalaemia OR hyperkalemia OR "high potassium" OR hypoglycaemia OR hypoglycemia OR "low blood glucose" OR "low blood sugar" OR nausea OR vomit* OR emesis OR diarrhoea OR diarrhea OR "checkpoint inhibitor" OR atezolizumab OR avelumab OR durvalumab OR opioid* OR glucocorticoid* OR glucocorticosteroid* OR steroid* OR corticosterone* OR cortisone* OR hydrocortisone* OR "enzyme inhibitor" OR mitotane OR ketoconazole OR itraconazole OR voriconazole OR metyrapone OR etomidate OR aminoglutethimide OR phenobarbital OR phenytoin OR rifampicin OR mifepristone OR chlorpromazine OR imipramine OR "primary ovarian insufficiency" OR "premature ovarian failure" OR "primary hypothyroidism" OR "brain tumour" OR "brain tumor" OR glioma* OR meningioma* OR schwannoma* OR "autoimmune polyglandular" OR "type 1 diabetes" OR "autoimmune diabetes" OR "brain injury" OR "brain injuries" OR "skull fracture" OR "skull fractures" OR tuberculosis OR HIV OR "human immunodeficiency virus" OR "human immuno deficiency virus" OR "human immune deficiency virus" OR AIDS OR "acquired immune deficiency syndrome" OR "acquired immuno deficiency syndrome" OR "acquired immunodeficiency syndrome" OR cytomegalovirus OR "fungal infection" OR "fungal infections" OR mycoses OR mycosis OR toxoplasmos* OR histoplasmos* OR coccidioidomycos* OR syphilis OR "lymphocytic hypophysitis" OR sarcoidosis OR "histiocytosis X" OR langerhans OR hemochromatosis OR haemochromatosis OR jaundice* OR "ambiguous genitalia" OR "ambiguous genitals"))</p>
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