**Supplementary File 1**. Search Strategy

Search Database: Cochrane

Publication date: January 1, 1980, to June 31, 2022.

Search Strategy:

#1 MeSH descriptor: [Hepatitis D] explode all trees

#2 (Infection, Delta):ti,ab,kw OR (Hepatitis, Delta):ti,ab,kw OR (Delta Hepatitis):ti,ab,kw OR (Hepatitides, Delta):ti,ab,kw OR (Delta Infection):ti,ab,kw OR (Infections, Delta):ti,ab,kw OR (Superinfection, Delta):ti,ab,kw OR (Delta Superinfections):ti,ab,kw OR (Superinfections, Delta):ti,ab,kw OR (Delta Superinfection):ti,ab,kw OR (Amazon Black Fever):ti,ab,kw OR (Fever, Amazon Black):ti,ab,kw OR (Labrea Disease):ti,ab,kw OR (Disease, Labrea):ti,ab,kw OR (Diseases, Labrea):ti,ab,kw OR (Labrea Diseases):ti,ab,kw OR (Black Fever, Amazon):ti,ab,kw

#3 MeSH descriptor: [Hepatitis Delta Virus] explode all trees

#4 (Delta Virus, Hepatitis):ti,ab,kw OR (Delta Viruses, Hepatitis):ti,ab,kw OR (Hepatitis Delta Viruses):ti,ab,kw OR (Hepatitis D Virus):ti,ab,kw OR (Hepatitis D Viruses):ti,ab,kw OR (Delta Virus):ti,ab,kw OR (Delta Viruses):ti,ab,kw OR (Delta Agent):ti,ab,kw OR (Delta Agents):ti,ab,kw OR (Deltavirus):ti,ab,kw OR (Deltaviruses):ti,ab,kw

#5 MeSH descriptor: [Genetic Technic] explode all trees

#6 (Genetic Technic):ti,ab,kw OR (Technique, Genetic):ti,ab,kw OR (Technic, Genetic):ti,ab,kw OR (Technics, Genetic):ti,ab,kw OR (Genetic Technique):ti,ab,kw OR (Techniques, Genetic):ti,ab,kw OR (Genetic Technics):ti,ab,kw

#7 MeSH descriptor: [Diagnosis] explode all trees

#8 (Diagnoses):ti,ab,kw OR (Diagnose):ti,ab,kw OR (Diagnoses and Examinations):ti,ab,kw OR (Examinations and Diagnoses):ti,ab,kw OR (Diagnoses and Examination):ti,ab,kw OR (Examination and Diagnoses):ti,ab,kw OR (Postmortem Diagnosis):ti,ab,kw OR (Diagnoses, Postmortem):ti,ab,kw OR (Diagnosis, Postmortem):ti,ab,kw OR (Postmortem Diagnoses):ti,ab,kw OR (Antemortem Diagnosis):ti,ab,kw OR (Antemortem Diagnoses):ti,ab,kw OR (Diagnoses, Antemortem):ti,ab,kw OR (Diagnosis, Antemortem):ti,ab,kw

#9 #1 OR #2

#10 #3 OR #4

#11 #5 OR #6

#12 #7 OR #8

#13 MeSH descriptor: [Sensitivity and Specificity] explode all trees

#14 (sensitiv\*):ti,ab,kw

#15 (predictive):ti,ab,kw

#16 (value\*):ti,ab,kw

#17 MeSH descriptor: [Predictive Value of Tests] explode all trees

#18 (accuracy\*):ti,ab,kw

#19 #15 AND #16

#20 #9 OR #10 OR #11 OR #12

#21 #13 OR #14 OR #19 OR #17 OR #18

#22 #20 AND #21

Search Database: Embase

Publication date: January 1, 1980, to June 31, 2022.

Search Strategy:

#1 'hepatitis d'/exp (3361)

#2 'infection, delta':ab,ti OR 'hepatitis, delta':ab,ti OR 'delta hepatitis':ab,ti OR 'hepatitides, delta':ab,ti OR 'delta infection':ab,ti OR 'infections, delta':ab,ti OR 'superinfection, delta':ab,ti OR 'delta superinfections':ab,ti OR 'superinfections, delta':ab,ti OR 'delta superinfection':ab,ti OR 'amazon black fever':ab,ti OR 'fever, amazon black':ab,ti OR 'labrea disease':ab,ti OR 'disease, labrea':ab,ti OR 'diseases, labrea':ab,ti OR 'labrea diseases':ab,ti OR 'black fever, amazon':ab,ti (2988)

#3 #1 OR #2 (5154)

#4 'hepatitis delta virus'/exp (3919)

#5 'delta virus, hepatitis':ab,ti OR 'delta viruses, hepatitis':ab,ti OR 'hepatitis delta viruses':ab,ti OR 'hepatitis d virus':ab,ti OR 'hepatitis d viruses':ab,ti OR 'delta virus':ab,ti OR 'delta viruses':ab,ti OR 'delta agent':ab,ti OR 'delta agents':ab,ti OR 'deltavirus':ab,ti OR 'deltaviruses':ab,ti (3497)

#6 #4 OR #5 (4895)

#7 'genetic technics'/exp (83)

#8 'genetic technic':ab,ti OR 'technique, genetic':ab,ti OR 'technic, genetic':ab,ti OR 'technics, genetic':ab,ti OR 'genetic technique':ab,ti OR 'techniques, genetic':ab,ti OR 'genetic technics':ab,ti (345)

#9 #7 OR #8 (428)

#10 ((sensitiv\*:ab,ti OR sensitivity) AND specificity:ab,ti OR predictive) AND value AND of AND tests:ab,ti OR accuracy\*:ab,ti OR (predictive:ab,ti AND value\*:ab,ti) (822106)

#11 'diagnosis'/exp (7733889)

#12 'diagnoses':ab,ti OR 'diagnose':ab,ti OR 'diagnoses and examinations':ab,ti OR 'examinations and diagnoses':ab,ti OR 'diagnoses and examination':ab,ti OR 'examination and diagnoses':ab,ti OR 'postmortem diagnosis':ab,ti OR 'diagnoses, postmortem':ab,ti OR 'diagnosis, postmortem':ab,ti OR 'postmortem diagnoses':ab,ti OR 'antemortem diagnosis':ab,ti OR 'antemortem diagnoses':ab,ti OR 'diagnoses, antemortem':ab,ti OR 'diagnosis, antemortem':ab,ti (349104)

#13 #3 OR #6 (6729)

#14 #11 OR #12 (7867806)

#15 #10 OR #14 (8275382)

#16 #9 AND #13 AND #15 (404)

Search Database: Pubmed

Publication date: January 1, 1980, to June 31, 2022.

Search Strategy:

#1 "Hepatitis D"[MeSH Terms] (2543)

#2 "infection delta"[Title/Abstract] OR "hepatitis delta"[Title/Abstract] OR "delta hepatitis"[Title/Abstract] OR (("Hepatitis"[MeSH Terms] OR "Hepatitis"[All Fields] OR "hepatitides"[All Fields] OR "hepatitis a"[MeSH Terms] OR "hepatitis a"[All Fields]) AND "Delta"[Title/Abstract]) OR "delta infection"[Title/Abstract] OR "infections delta"[Title/Abstract] OR "superinfection delta"[Title/Abstract] OR "delta superinfections"[Title/Abstract] OR "superinfections delta"[Title/Abstract] OR "delta superinfection"[Title/Abstract] OR "amazon black fever"[Title/Abstract] OR (("Fever"[MeSH Terms] OR "Fever"[All Fields] OR "fevers"[All Fields]) AND "amazon black"[Title/Abstract]) OR "labrea disease"[Title/Abstract] OR "disease labrea"[Title/Abstract] OR (("Disease"[MeSH Terms] OR "Disease"[All Fields] OR "Diseases"[All Fields] OR "disease s"[All Fields] OR "diseased"[All Fields]) AND "Labrea"[Title/Abstract]) OR ("Labrea"[All Fields] AND "Diseases"[Title/Abstract]) OR (("leishmaniasis, visceral"[MeSH Terms] OR ("leishmaniasis"[All Fields] AND "visceral"[All Fields]) OR "visceral leishmaniasis"[All Fields] OR ("Black"[All Fields] AND "Fever"[All Fields]) OR "black fever"[All Fields]) AND "Amazon"[Title/Abstract]) (3671)

#3 "Hepatitis D"[MeSH Terms] OR ("infection delta"[Title/Abstract] OR "hepatitis delta"[Title/Abstract] OR "delta hepatitis"[Title/Abstract] OR (("Hepatitis"[MeSH Terms] OR "Hepatitis"[All Fields] OR "hepatitides"[All Fields] OR "hepatitis a"[MeSH Terms] OR "hepatitis a"[All Fields]) AND "Delta"[Title/Abstract]) OR "delta infection"[Title/Abstract] OR "infections delta"[Title/Abstract] OR "superinfection delta"[Title/Abstract] OR "delta superinfections"[Title/Abstract] OR "superinfections delta"[Title/Abstract] OR "delta superinfection"[Title/Abstract] OR "amazon black fever"[Title/Abstract] OR (("Fever"[MeSH Terms] OR "Fever"[All Fields] OR "fevers"[All Fields]) AND "amazon black"[Title/Abstract]) OR "labrea disease"[Title/Abstract] OR "disease labrea"[Title/Abstract] OR (("Disease"[MeSH Terms] OR "Disease"[All Fields] OR "Diseases"[All Fields] OR "disease s"[All Fields] OR "diseased"[All Fields]) AND "Labrea"[Title/Abstract]) OR ("Labrea"[All Fields] AND "Diseases"[Title/Abstract]) OR (("leishmaniasis, visceral"[MeSH Terms] OR ("leishmaniasis"[All Fields] AND "visceral"[All Fields]) OR "visceral leishmaniasis"[All Fields] OR ("Black"[All Fields] AND "Fever"[All Fields]) OR "black fever"[All Fields]) AND "Amazon"[Title/Abstract])) (4800)

#4 "Hepatitis Delta Virus"[MeSH Terms] (2245)

#5 "delta virus hepatitis"[Title/Abstract] OR (("Delta"[All Fields] OR "deltae"[All Fields] OR "deltaes"[All Fields] OR "deltas"[All Fields]) AND "viruses hepatitis"[Title/Abstract]) OR "hepatitis delta viruses"[Title/Abstract] OR "hepatitis d virus"[Title/Abstract] OR "hepatitis d viruses"[Title/Abstract] OR "delta virus"[Title/Abstract] OR "delta viruses"[Title/Abstract] OR "delta agent"[Title/Abstract] OR "delta agents"[Title/Abstract] OR "Deltavirus"[Title/Abstract] OR "Deltaviruses"[Title/Abstract] (2904)

#6 "Hepatitis Delta Virus"[MeSH Terms] OR ("delta virus hepatitis"[Title/Abstract] OR (("Delta"[All Fields] OR "deltae"[All Fields] OR "deltaes"[All Fields] OR "deltas"[All Fields]) AND "viruses hepatitis"[Title/Abstract]) OR "hepatitis delta viruses"[Title/Abstract] OR "hepatitis d virus"[Title/Abstract] OR "hepatitis d viruses"[Title/Abstract] OR "delta virus"[Title/Abstract] OR "delta viruses"[Title/Abstract] OR "delta agent"[Title/Abstract] OR "delta agents"[Title/Abstract] OR "Deltavirus"[Title/Abstract] OR "Deltaviruses"[Title/Abstract]) (3467)

#7 "Genetic Techniques"[MeSH Terms] (1915190)

#8 "technique genetic"[Title/Abstract] OR (("technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR (("technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR "genetic technique"[Title/Abstract] OR "techniques genetic"[Title/Abstract] OR "genetic technics"[Title/Abstract] (634)

#9 "Genetic Techniques"[MeSH Terms] OR ("technique genetic"[Title/Abstract] OR (("technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR (("technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR "genetic technique"[Title/Abstract] OR "techniques genetic"[Title/Abstract] OR "genetic technics"[Title/Abstract]) (1915540)

#10 "sensitiv\*"[Title/Abstract] OR "sensitivity and specificity"[MeSH Terms] OR ("predictive"[Title/Abstract] AND "value\*"[Title/Abstract]) OR "predictive value of tests"[MeSH Terms] OR "accuracy\*"[Title/Abstract] (2314708)

#11 "Hepatitis D"[MeSH Terms] OR ("infection delta"[Title/Abstract] OR "hepatitis delta"[Title/Abstract] OR "delta hepatitis"[Title/Abstract] OR (("Hepatitis"[MeSH Terms] OR "Hepatitis"[All Fields] OR "hepatitides"[All Fields] OR "hepatitis a"[MeSH Terms] OR "hepatitis a"[All Fields]) AND "Delta"[Title/Abstract]) OR "delta infection"[Title/Abstract] OR "infections delta"[Title/Abstract] OR "superinfection delta"[Title/Abstract] OR "delta superinfections"[Title/Abstract] OR "superinfections delta"[Title/Abstract] OR "delta superinfection"[Title/Abstract] OR "amazon black fever"[Title/Abstract] OR (("Fever"[MeSH Terms] OR "Fever"[All Fields] OR "fevers"[All Fields]) AND "amazon black"[Title/Abstract]) OR "labrea disease"[Title/Abstract] OR "disease labrea"[Title/Abstract] OR (("Disease"[MeSH Terms] OR "Disease"[All Fields] OR "Diseases"[All Fields] OR "disease s"[All Fields] OR "diseased"[All Fields]) AND "Labrea"[Title/Abstract]) OR ("Labrea"[All Fields] AND "Diseases"[Title/Abstract]) OR (("leishmaniasis, visceral"[MeSH Terms] OR ("leishmaniasis"[All Fields] AND "visceral"[All Fields]) OR "visceral leishmaniasis"[All Fields] OR ("Black"[All Fields] AND "Fever"[All Fields]) OR "black fever"[All Fields]) AND "Amazon"[Title/Abstract])) OR ("Hepatitis Delta Virus"[MeSH Terms] OR ("delta virus hepatitis"[Title/Abstract] OR (("Delta"[All Fields] OR "deltae"[All Fields] OR "deltaes"[All Fields] OR "deltas"[All Fields]) AND "viruses hepatitis"[Title/Abstract]) OR "hepatitis delta viruses"[Title/Abstract] OR "hepatitis d virus"[Title/Abstract] OR "hepatitis d viruses"[Title/Abstract] OR "delta virus"[Title/Abstract] OR "delta viruses"[Title/Abstract] OR "delta agent"[Title/Abstract] OR "delta agents"[Title/Abstract] OR "Delta virus"[Title/Abstract] OR "Delta viruses"[Title/Abstract])) (5285)

#12 "Genetic Techniques"[MeSH Terms] OR ("technique genetic"[Title/Abstract] OR (("Technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR (("Technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR "genetic technique"[Title/Abstract] OR "techniques genetic"[Title/Abstract] OR "genetic technics"[Title/Abstract])) (2155673)

#13 ("Hepatitis D"[MeSH Terms] OR ("infection delta"[Title/Abstract] OR "hepatitis delta"[Title/Abstract] OR "delta hepatitis"[Title/Abstract] OR (("Hepatitis"[MeSH Terms] OR "Hepatitis"[All Fields] OR "hepatitides"[All Fields] OR "hepatitis a"[MeSH Terms] OR "hepatitis a"[All Fields]) AND "Delta"[Title/Abstract]) OR "delta infection"[Title/Abstract] OR "infections delta"[Title/Abstract] OR "superinfection delta"[Title/Abstract] OR "delta superinfections"[Title/Abstract] OR "superinfections delta"[Title/Abstract] OR "delta superinfection"[Title/Abstract] OR "amazon black fever"[Title/Abstract] OR (("Fever"[MeSH Terms] OR "Fever"[All Fields] OR "fevers"[All Fields]) AND "amazon black"[Title/Abstract]) OR "labrea disease"[Title/Abstract] OR "disease labrea"[Title/Abstract] OR (("Disease"[MeSH Terms] OR "Disease"[All Fields] OR "Diseases"[All Fields] OR "disease s"[All Fields] OR "diseased"[All Fields]) AND "Labrea"[Title/Abstract]) OR ("Labrea"[All Fields] AND "Diseases"[Title/Abstract]) OR (("leishmaniasis, visceral"[MeSH Terms] OR ("leishmaniasis"[All Fields] AND "visceral"[All Fields]) OR "visceral leishmaniasis"[All Fields] OR ("Black"[All Fields] AND "Fever"[All Fields]) OR "black fever"[All Fields]) AND "Amazon"[Title/Abstract])) OR ("Hepatitis Delta Virus"[MeSH Terms] OR ("delta virus hepatitis"[Title/Abstract] OR (("Delta"[All Fields] OR "deltae"[All Fields] OR "deltaes"[All Fields] OR "deltas"[All Fields]) AND "viruses hepatitis"[Title/Abstract]) OR "hepatitis delta viruses"[Title/Abstract] OR "hepatitis d virus"[Title/Abstract] OR "hepatitis d viruses"[Title/Abstract] OR "delta virus"[Title/Abstract] OR "delta viruses"[Title/Abstract] OR "delta agent"[Title/Abstract] OR "delta agents"[Title/Abstract] OR "Deltavirus"[Title/Abstract] OR "Deltaviruses"[Title/Abstract]))) AND "disorders"[All Fields]) OR "dissociative disorders"[All Fields] OR "Dissociation"[All Fields] OR "dissociative"[All Fields] OR "dissociatively"[All Fields] OR "dissociatives"[All Fields]) AND "Antibody"[Title/Abstract]))) OR ("Genetic Techniques"[MeSH Terms] OR ("technique genetic"[Title/Abstract] OR (("Technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR (("Technic"[All Fields] OR "Technics"[All Fields]) AND "Genetic"[Title/Abstract]) OR "genetic technique"[Title/Abstract] OR "techniques genetic"[Title/Abstract] OR "genetic technics"[Title/Abstract]))) AND ("sensitiv\*"[Title/Abstract] OR "sensitivity and specificity"[MeSH Terms] OR ("predictive"[Title/Abstract] AND "value\*"[Title/Abstract]) OR "predictive value of tests"[MeSH Terms] OR "accuracy\*"[Title/Abstract]) (190)