

Supplementary Table. Search terms selected according by each database

Name	Search Strategies
LILACS	(tw:(("Leptospirosis")) OR (tw:(("Leptospira ")) OR (tw:(("Weil syndrome")) OR (tw:(("Weil's syndrome")) OR (tw:(("leptospirosis infection")) OR (tw:(("human leptospirosis")) OR (tw:(("Leptospirosis in humans")) OR (tw:(("jaundice fever")) OR (tw:(("leptosira interrogans")))) AND (tw:(("co-infection OR coinfection OR co-occurrence OR secondary infection OR dengue OR virus OR hantavirus OR febrile illness OR malaria OR borreliosis OR zika)) AND (tw:(("misdiagnosis") OR ("confirmation diagnosis") OR ("delayed disease") OR ("no confirmed") OR "endemic" OR "melioidosis" OR "rickettsiosis"))))
PROQUEST	((("Leptospirosis" OR "Leptospira" OR "Leptospira interrogans" OR "pathogenic leptospirosis") AND ("co-infection*" OR "co-occurrence" OR "coinfection" OR "Weil syndrome" OR "Weil's syndrome" OR "leptospirosis infection" OR "human leptospirosis" OR "Leptospira interrogans") AND ("malaria" OR "dengue" OR "zika" OR "melioidosis" OR "brucellosis" OR "rickettsiosis" OR "rickettsia" OR "hantavirus" OR "virus" OR "borreliosis")) OR AB(("misdiagnosis" OR "confirmation" OR "confirmation diagnosis" OR "delayed diseases") AND ("diagnosis*" OR "disease" OR "ELISA" OR "MAT" OR "agglutination" OR "no confirmed" OR "pathogens" OR "scales") AND ("tropic" OR "endemic" OR "emerging diseases" OR "febrile illness" OR "fever" OR "jaundice" OR "myalgia" OR "re-test" OR "lepto" OR "diagnosis")))
PUBMED	(("Leptospirosis" [Title/Abstract] OR "Leptospira" [MeSH Terms] OR "lepto" [Title/Abstract] OR "Gram-negative spirochete"[MeSH Terms] OR "leptos"[Title/Abstract] OR "Leptospira interrogans" [MeSH Terms] OR "Pathogenic Leptospira" [Title/Abstract] OR "Weil syndrome" [MeSH Terms] OR "pulmonary hemorrhage" [Title/Abstract] OR "acute respiratory distress syndrome" [Title/Abstract] OR "IgM Leptospira antibodies" [Title/Abstract] OR "Weil's syndrome" [Title/Abstract] OR "leptospirosis infection"[Title/Abstract] OR "Leptospirosis infection" [MeSH Terms] OR "Leptospira spp" [Title/Abstract] OR "jaundiced fever" [MeSH Terms]) AND ("Coinfection" [Title/Abstract] OR "co-infection" [MeSH Terms] OR "infectious" [Title/Abstract] OR "febrile illness"[Title/Abstract] OR "Rickettsia" [Title/Abstract] OR "Brucellosis" [Title/Abstract] OR "Borreliosis" [MeSH Terms] OR "arthropod-borne viruses" [Title/Abstract] OR "chikungunya" [Title/Abstract] OR "Babesia" [Title/Abstract] OR "Hantavirus" [Title/Abstract] OR "virus" [MeSH Terms] OR "parasite diseases" [Title/Abstract] OR "virus diseases" [Title/Abstract])) AND ("Leptospirosis"[Title/Abstract] OR "secondary infection"[MeSH Term] OR "" [Title/Abstract] OR "Meloidosis" [MeSH Term] OR "Co-occurrence" [Title/Abstract] OR "misdiagnosis" [Title/Abstract] OR "delayed diagnosis" [MeSH Term] OR "pathogens" [Title/Abstract])
SCOPUS	(TITLE-ABS ("Leptospirosis" OR "Leptospira" OR "Leptospira interrogans" OR "Weil syndrome" OR "Pathogenic Leptospira" OR "Leptospira interrogans" OR "acute respiratory distress syndrome" OR "Weil's syndrome" OR "lepto" OR "IgM Leptospira antibodies" OR "leptospirosis infection")) AND (TITLE-ABS ("Coinfection" OR "co-infection" OR "infectious" OR "Febrile illness" OR "Rickettsia" OR "Brucellosis" OR "arthropod-borne viruses" OR "secondary infection" OR "Co-occurrence" OR "dengue" OR "Meloidosis")) AND (TITLE-ABS ("delayed diagnosis" OR "misdiagnosis" OR "delayed diagnosis" OR "pathogens" OR "parasite disease" OR "Borreliosis" OR "virus" OR "chikungunya" OR "Hantavirus"))
Grey literature	Google Scholar, official web pages of ministries of health, health entities, national health institutes, case reports in non-indexed medical journals. Using key words as: leptospirosis, Leptospira, Leptospira interrogans, febrile syndrome, coinfection, co-infection, co-occurrence.