**A Scoping Review to Examine Studies Investigating Zoonotic and Vectorborne Diseases in *Canis familaris* in North America Since the Beginning of the 21st Century.**

**Appendix III:** Explanation and elaboration (“guidance”) document for reviewers for full text (Level 2)screening.

**Level 2**: Screening will be conducted on full text publications for studies that meet the “yes”

or “unclear” answer to level 1 screening questions. The following questions will be used for level 2 eligibility screening with answers “yes” or “no” only. Studies will be excluded if both reviewers are in agreement in answering “no” to any of the following questions:

1. Could we find the full text?
2. Is this an obvious duplicate?
3. Is the full text publication a journal article or conference proceeding (>500 words)?
4. Is the full text article or conference proceeding (>500 words) describing a primary research study?
5. Is the full text article available in English, French or Spanish?
6. Has the primary research been published or presented (*e.g.* conference proceedings (**>** 500 words)) within the period 2000 – present?
7. Does the full text research investigate one or more canine zoonoses of interest?
8. Has the full text research been conducted in North America?
9. Is the study at the dog-level or pathogen-level where the zoonotic pathogen was isolated from a dog?
10. In the full text publication, are domestic dogs the target population?

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| **B: Full Text Screening (Level 2 – Eligibility Screening Form)** | | |
| **Question** | **Options** | **Action and Keywords** |
| 1.Could we find the full text? | * Yes * No [**EXCLUDE]** | Please select one. (i.e. radio question in DistillerSR) |
| 2.Is this an obvious duplicate? | * Yes [**EXCLUDE]** * No | Please select one. (i.e. radio question in DistillerSR) |
| 3.Is the full text publication a journal article or conference proceeding (>500 words)? | * Yes * No [**EXCLUDE]** | Please select one. (i.e. radio question in DistillerSR)  **Keywords:** Primary research is defined as **original scientific reports** of research findings.  e.g. research article, clinical report, case study, dissertation, books (some), interviews; manuscripts; papers; |
| 4.Is the full text article or conference proceeding (>500 words) describing a primary research study?  (**Variable = pubtype**) | * Yes * No [**EXCLUDE]** | Please select one. (i.e. radio question in DistillerSR) |
| 5.Is the full text article available in English, French or Spanish? | * Yes * No [**EXCLUDE]** | Please select one. (i.e. radio question in DistillerSR) |
| 6.Has the primary research been published or presented (*e.g.* conference proceedings (> 500 words)) within the period 2000 – present? | * Yes * No [**EXCLUDE]** | Please select one. (i.e. radio question in DistillerSR)  **Keywords:** note the year the article was published |
| 7.Does the full text research investigate one or more canine zoonoses of interest? | * Yes * No [**EXCLUDE**] | Please select one. (i.e. radio question in DistillerSR)  **Keywords:** Anaplasma OR Ancylostoma OR Babesia OR Bacillus “Baylisascaris procyonis” OR “Borrelia burgdorferi” OR Brucella OR Campylobacter OR Capnocytophaga OR “Coxiella burnetii” OR Corynebacterium OR “Cryptosporidium parvum” OR “Dipylidium caninum” OR “Echinococcus granulosus” OR “Echinococcus multilocularis” OR Ehrlichia OR “Entamoeba histolytica” OR “Escherichia coli” OR “Giardia intestinalis” OR Helicobacter OR Influenza OR “Leishmania chagasi” OR “Leishmania infantum” OR Leptospira OR “Methicillin resistance staphylococcus aureus” OR “Microsporum canis” OR “Onchocerca lupi” OR Pasteurella OR Proteus OR Pseudomonas OR Rabies OR “Rickettsia rickettsii” OR Salmonella OR “Sarcoptes scabiei” OR Spirocerca OR “Sporothrix schenckii” OR “Toxocara canis” OR “Toxoplasma gondii” OR “Trichinella spiralis” OR “Trypanosoma cruzi” OR *“*Uncinaria stenocephala*”* OR “Vibrio cholerae” OR “Yersinia enterocolitica” |
| 8.Has the full text research been conducted in North America? | * Yes * No [**EXCLUDE]**] | Please select one. (i.e. radio question in DistillerSR)  **Keywords:** Anguilla; Antigua and Barbuda; Aruba; The Bahamas; Barbados; Belize; Bermuda; Bonaire; British Virgin Islands; Canada; Cayman Islands; Clipperton Island; Costa Rica; Cuba; Curacao; Dominica; Dominican Republic; El Salvador; Federal Dependencies of Venezuela; Greenland; Grenada; Guadeloupe; Guatemala; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Navassa Island; Nicaragua; Nueva Esparta; Panama; Puerto Rico; Saba; San Andres and Providencia; Saint Barthelemy; Saint Kitts and Nevis; Saint Lucia; Saint Martin; Saint Pierre and Miquelon; Saint Vincent and the Grenadines; Sint Eustatius; Sint Maarten; Trinidad and Tobago; Turks and Caicos Islands; United States; and the United States Virgin Islands.  If some studies list the province (Canada) and state (USA) but do not for whatever reason list the country, the following are links to the 13 Canadian provinces:  <https://www.canada.ca/en/immigration-refugees-citizenship/services/new-immigrants/prepare-life-canada/provinces-territories.html>  and, 50 USA states: <https://state.1keydata.com/state-abbreviations.php> |
| 9.Is the study at the dog-level or pathogen-level where the zoonotic pathogen was isolated  from a dog? | * Yes * No [**EXCLUDE]**] | Please select one. (i.e. radio question in DistillerSR)  **Keywords:**  **Pathogen-level can include studies of canine zoonoses specific to the agents of disease:** bacteria; viruses; parasites; fungi |
| 10. In the full text publication, are domestic dogs the target population? | * Yes * No [**EXCLUDE**] | Please select one. (i.e. radio question in DistillerSR) |