**Additional File 1**

**Medline search strategy**

1. *Helicobacter pylori*/

2. (*Helicobacter pylori*\* or *H? pylori*\* or *Campylobacter pylori*\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

3. 1 or 2

4. exp Australia/

5. (australia\* or tasmania\* or victoria\* or new south wales or queensland\* or northern territor\* or christmas island\* or canton island\* or enderbury island\* or melbourn\* or sydney or adelaid\* or perth or hobart or canberra or brisbane or darwin).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

6. 4 or 5

7. prevalence/

8. (prevalen\* or infection rate\* or proportion\* or frequenc\* or occurrence\* or likelihood\* or probabilit\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

9. Epidemiology/

10. epidemiolog\*.mp.

11. risk factors/

12. ("population? at risk" or risk factor?).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

13. exp Cohort Studies/

14. (follow up stud\* or follow?up stud\* or longitudinal stud\* or longitudinal survey\* or prospective stud\* or retrospective stud\* or cohort stud\* or cohort analys?s or con?current stud\* or incidence stud\* or cross?section\* stud\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

15. population surveillance/

16. (Population Surveillance or Sentinel Surveillance or Public Health Surveillance or general population\* or screen\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

17. Asymptomatic Infections/

18. (a?symptomatic infection\* or sub?clinical infection\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

19. 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18

20. 3 and 6 and 19

21. (sydney system\* or sydney scor\* or sydney classification\* or sydney scor\* system\* or sydney protocol\* or sydney criteri\* or sydney scale\*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

22. (sydney strain or strain sydney).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

23. 21 or 22

24. 20 not 23