**APPENDICES**

**Appendix 1.-** Search strategies

**PubMed**

(((("Community-Acquired Infections"[MeSH Terms]) OR (Community OR Communities OR Residential OR Neighborhood OR Neighborhoods OR Neighbourhood OR Neighbourhoods)))

AND

("Clostridium"[Mesh] OR Clostridium))

AND

Difficile

**Embase**

('communicable disease'/exp OR community OR communities OR residential OR neighborhood OR neighborhoods OR neighbourhood OR neighbourhoods)

AND

'clostridium'/exp OR clostridium

AND

Difficile

**CINAHL**

(MH "Community-Acquired Infections+") OR Community OR Communities OR Residential OR Neighborhood OR Neighborhoods OR Neighbourhood OR Neighbourhoods

AND

(MH "Clostridium+") OR Clostridium

AND

Difficile

**Cochrane CENTRAL**

(((("Community-Acquired Infections"[MeSH Terms]) OR (Community OR Communities OR Residential OR Neighborhood OR Neighborhoods OR Neighbourhood OR Neighbourhoods)))

AND

("Clostridium"[Mesh] OR Clostridium))

AND

Difficile

**Scopus**

(TITLE-ABS-KEY(community OR communities OR residential OR neighborhood OR neighborhoods OR neighbourhood OR neighbourhoods)

AND

TITLE-ABS-KEY(clostridium)

AND

TITLE-ABS-KEY(difficile))

**Appendix 2.-** Data extraction tool

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**Appendix 3.-** Forest, Funnel and Doi plots

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| 3.1.- Antimicrobials |  |

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| 3.2.- Cephalosporins  |

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| 3.3.- Clindamycin  |

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| 3.4.- Fluoroquinolones  |

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| 3.5.- Macrolides  |

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| 3.6.- Penicillins  |

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| 3.7.- Tetracyclines |  |

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| 3.8.- Trimethoprim/sulfamethoxazole |

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| 3.9.- Gastric acid suppressant |

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| 3.10.- Histamine-2 receptor antagonists  |

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| 3.11.- Proton pump inhibitor  |

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| 3.12.- Aspirin |

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| 3.13.- Non-steroidal anti-inflammatory drugs |

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| 3.14.- Corticosteroids  |

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| 3.15.- Congestive heart disease |

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| 3.16.- Chronic obstructive pulmonary disease |

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| 3.17.- Diabetes mellitus |

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| 3.18.- Diverticular disease |

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| 3.19.- Gastroesophageal reflux disease |

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| 3.20.- Inflammatory bowel disease |

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| 3.21.- Leukemia or Lymphoma  |

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| 3.22.- Peptic ulcer  |

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| 3.23.- Renal failure |

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| 3.24.- Solid cancer |

**Appendix 4.-** Sensitivity analysis

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| 4.1.- Antimicrobials by location |

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| 4.2.- Proton pump inhibitors by location |

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| 4.3.- Antimicrobials by life stage |

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| 4.4.- Proton pump inhibitors by life stage |