Appendix

Table 1

*Bias Assessment Using Cochrane Risk of Bias Tool*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Study | D1 | D2 | D3 | D4 | D5 | Overall |
| Cost-Effectiveness Analysis of Fosfomycin for Treatment of Uncomplicated Urinary Tract Infections in Ontario.  Perrault L, et al. (2017 |  |  |  |  |  |  |
| Cost-effectiveness of antibiotic treatment of uncomplicated urinary tract infection in women: a comparison of four antibiotics.  Sadler S, et al. (2017) |  |  |  |  |  |  |
| Cost-effectiveness and budget impact of the management of uncomplicated urinary tract infection by community pharmacists.  Sanyal et al. (2019) |  |  |  |  |  |  |
| Qualitative Analysis of Primary Care Provider Prescribing Decisions for Urinary Tract Infections  [Grigoryan](https://pubmed.ncbi.nlm.nih.gov/?term=Grigoryan+L&cauthor_id=31248119) et al. (2019) |  |  |  |  |  |  |
| Antibiotic Prescribing in New York State Medicare Part B Beneficiaries Diagnosed with Cystitis Between 2016 and 2017 |  |  |  |  |  |  |
| Effect of 5-Day Nitrofurantoin vs Single-Dose Fosfomycin on Clinical Resolution of Uncomplicated Lower Urinary Tract Infection in Women: a Randomized Clinical Trial.  Huttner et al. (2018) |  |  |  |  |  |  |
| Preferential Use of Nitrofurantoin Over Fluoroquinolones for Acute Uncomplicated Cystitis and Outpatient Escherichia coli Resistance in an Integrated Healthcare System.  Pedela RL, et al. (2017) |  |  |  |  |  |  |
| Evaluation of the trends and appropriateness of fluoroquinolone use in the outpatient treatment of acute uncomplicated cystitis at five family practice clinics.  Robinson, et al. (2019) |  |  |  |  |  |  |
| Fosfomycin Trometamol versus Comparator Antibiotics for the Treatment of Acute Uncomplicated Urinary Tract Infections in Women: A Systematic Review and Meta-Analysis.  Cai T et al. (2020) |  |  |  |  |  |  |
| Improvement in adherence to antibiotic duration of therapy recommendations for uncomplicated cystitis: a quasi-experimental study.  Giancola SE, et al. (2019) |  |  |  |  |  |  |
| Systematic Review and Meta-analysis to Estimate the Antibacterial Treatment Effect of Nitrofurantoin for a Non-Inferiority Trial in Uncomplicated Urinary Tract Infection.  Mitrani-Gold FS, et al. |  |  |  |  |  |  |

Domains:

Judgement:

High

Some concerns

Low

D1: Bias due to randomization

D2: Bias due to deviation from intended intervention

D3: Bias due to missing data

D4: Bias due to outcome measurement

D5: Bias due to selection of reported result