

Search strategy for updating evidence on the duration of untreated chlamydia infections in men

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For our evidence synthesis we used three published literature reviews to identify relevant studies, in which chlamydia-infected men were re-tested at a later date having received no treatment in the interim. Two of the reviews provided information on their search methodology, and we updated these searches to cover the period since the original review. The search strategy for these updates is provided here.

1 Geisler WM. *J Infect Dis* (2010)

The more recent review was: Geisler WM. Duration of untreated, uncomplicated Chlamydia trachomatis genital infection and factors associated with chlamydia resolution: a review of human studies. *J Infect Dis* **201**:S104-S113 (2010).

We searched MEDLINE using the Ovid service on 5 April 2017, using the following queries:

1. Chlamydia/
2. Chlamydia.ab,ti.
3. 1 or 2
4. exp Natural History/
5. untreated.ab,ti.
6. spontaneous resolution.ab,ti.
7. exp Remission, Spontaneous/
8. duration.ab,ti.
9. clearance.ab,ti.

10. eradication.ab,ti.
11. resolved.ab,ti.
12. exp Recurrence/
13. relapse.ab,ti.
14. remission.ab,ti.
15. repeat.ab,ti.
16. persistence.ab,ti.
17. exp Follow-Up Studies/
18. subsequent.ab,ti.
19. 4 or 5 or 6 or 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 19
21. limit 20 to (english language and humans and yr "2008-Current" and ("all adult (19 plus years)" or "adolescent (13 to 18 years)" or "young adult (19 to 24 years)" or "adult (19 to 44 years)" or "young adult and adult (19-24 and 19-44)" or "middle age (45 to 64 years)" or "middle aged (45 plus years)" or "all aged (65 and over)" or "aged (80 and over)"))

The final search (number 21) returned 415 results.

2 Golden MR *et al.* *Sex Transm Dis* (2000)

An older review was: Golden MR, Schillinger JA, Markowitz L and St Louis ME. Duration of untreated genital infections with Chlamydia trachomatis: A review of the literature. *Sex Transm Dis* **27**:329-337 (2000)

We searched MEDLINE using the Ovid service on 5 April 2017, using the following queries:

1. exp Chlamydia/
2. exp Chlamydia Infections/
3. Chlamydia.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]

4. 1 or 2 or 3
5. exp Remission, Spontaneous/
6. exp Follow-Up Studies/
7. exp time/ or exp time factors/
8. exp Randomized Controlled Trials as Topic/
9. resolution.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]
10. follow-up.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]
11. 5 or 6 or 7 or 8 or 9 or 10
12. 4 and 11
13. limit 12 to yr="1996-Current"

The final search (number 13) returned 1874 results.