

Is There a Difference in Patient Satisfaction with Expectant, Medical or Surgical Management of Miscarriage?

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Background

- There is no consensus on the best course of management for miscarriage¹
- Few studies have investigated patient satisfaction with the method of management²

Aim

- Examine whether patient satisfaction varied with the method of miscarriage management according to three measures
 1. Overall patient satisfaction
 2. Choosing the method again
 3. Recommending the method to a friend

Method

- Systematic searches of Medline, EMBASE, Cochrane Central Register of Controlled Trials and CINAHL were performed on September 8th 2020 using appropriate keywords and medical subject heading (MESH) terms

| Inclusion Criteria | Exclusion Criteria |
|---|--|
| <ul style="list-style-type: none"> • First trimester miscarriage • At least one of expectant, medical or surgical management • At least one of patient satisfaction, choose method again and recommend to a friend | <ul style="list-style-type: none"> • Confirmed or suspected cases of induced abortion • Study occurred in a country with restrictive abortion laws • Patient satisfaction not reported according to management type |

Results

- Studies included eighteen randomised controlled trials, nine prospective observational studies and one prospective cross-over study
- Studies took place in 12 different countries; most commonly the United Kingdom or United States of America
- Overall patient satisfaction was the most commonly reported outcome
- The timing and method of patient data collection varied greatly between studies
- The response rate of the included studies varied from 21.8% and was not able to be calculated in six of the included papers

Conclusion

- Patient satisfaction was high for expectant, medical and surgical management of miscarriage
- There were no clear differences identified in the level of satisfaction according to the type of management
- Other factors that may influence satisfaction were identified including side effects and treatment outcomes
- This review highlights the importance of standardised patient satisfaction measures and prioritisation of patient satisfaction in future research

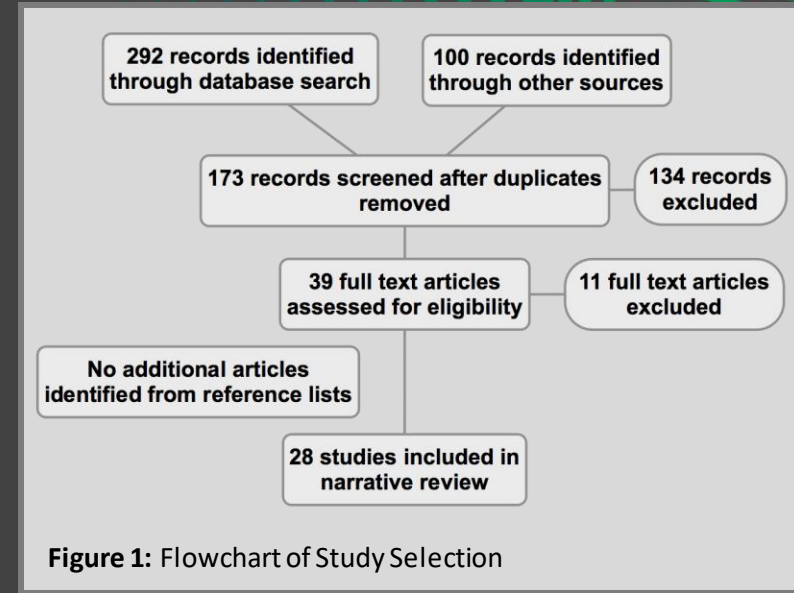


Figure 1: Flowchart of Study Selection

References

1. NICE (2019). "Ectopic pregnancy and miscarriage: diagnosis and initial management ". Retrieved September 22, 2019, from <https://www.nice.org.uk/guidance/ng126/resources/ectopic-pregnancy-and-miscarriage-diagnosis-and-initial-management-pdf-66141662244037>
2. Smith PP, Dhillon-Smith RK, O'Toole E, Cooper N, Coomarasamy A, Clark TJ. Outcomes in prevention and management of miscarriage trials: a systematic review. BJOG. 2019;126(2):176-89

