Assessing the pregnancy rate following Lipiodol flush in women with subfertility

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Introduction

Lipiodol flush is offered to women with unexplained subfertility or known endometriosis with patent tubes.

Purpose

- To quantify ongoing pregnancy rates at 6 months post Lipiodol flush.
- Secondary outcomes included assessing procedure tolerability and complication rates.

Methods

- Retrospective observational study
- 45 subfertile women referred for Lipiodol flush via USS or fluoroscopic guidance between October 2016 – March 2018
- Ethics approval SJOG
- Telep

Results

- 41\% (15/37) ongoing pregnancy rate at 6 months
- 54\% (20/37) conception rate
- 2.5 months mean time to conception (range 1-4 months)
- Nil allergic reactions
- 3 adverse reactions (mild vasovagal reactions)
- Mean recalled pain score 5.7/10 (range 0-10, sd 3.25)

Conclusion

Lipiodol flush referrals are indicated in select women with unexplained subfertility, it is likely to influence pregnancy rates with a wide ranging tolerability but limited complications.