

LAPORAN PENELITIAN

ANGKA KEJADIAN KEHAMILAN  
PADA PENDERITA INFERTIL DENGAN  
ENDOMETRIOSIS MINIMAL RINGAN  
YANG MENDAPATKAN TERAPI  
MEDROKSI PROGESTERON ASETAT ORAL  
DI RSUD DR SUTOMO SURABAYA



Surabaya, 26 Agustus 2002

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## ABSTRACT

**Objective :** To prove that oral medroxyprogesterone acetate (MPA) can increase pregnancy rate in infertility couple with minimal and mild endometriotic

**Setting :** Infertility Outpatien Unit in Dr. Sutomo Hospital Surabaya

**Material and Methods :** Retrospective cohort of infertility couple with minimal and mild endometriotic is selected by eligible criteria divided into two cohort (respectively twenty seven in MPA group and fourty in expectative group). The MPA group were treated by oral medroxyprogesterone acetate 30 – 50 mg between 3 – 6 month and corrected other infertility factors, whereas in expectative group were corrected other infertility factors without given oral medroxyprogesterone acetate. Both group followed until December 31<sup>st</sup> 2001 to look the pregnancy rate and the difference period between the last therapy or the time of diagnose until pregnancy occurred.

**Result :** Pregnancy rate of minimal and mild endometriotic patient that managed by oral medroxyprogesterone acetate and expectative was 37,04 % and 50,0 %, with no significant difference between group. The time to pregnancy after the last oral medroxyprogesterone acetate was  $17,3 \pm 9,262$  month and  $14,9 \pm 14,524$  month after the time of diagnose in expectative management with no significant difference between group. And in hazard model, the curve of pregnancy occurred in medroxyprogesterone acetate group was below of expectative management with no significant difference between group.

**Conclusion :** Oral medroxyprogesterone acetate is not better than expectative management in treating minimal and mild endometriotic patient associated infertility.

**Key words :** Infertility, endometriotic, minimal, mild, oral, medroxy progesterone acetate, expectative, pregnancy.