



## CLOMIPHENE CITRATE CHALLENGE TEST

Clomiphene Citrate (Clomid or Serophene) is a fertility pill that improves ovulation by helping the brain to stimulate the ovary. The Clomiphene Citrate Challenge Test has been developed to assess how well the ovary responds to hormonal stimulation from the brain. This test of ovarian reserve is more sensitive than measuring basal FSH levels alone for predicting the potential for pregnancy in both assisted and natural reproduction. The level of FSH on day 10 is compared with the baseline level on day 3. An abnormal FSH response is associated with a decreased chance to achieve pregnancy.

You will have FSH and E2 blood levels drawn on cycle day 3. Your physician may also perform an ultrasound on that day. **(Cycle day 1 = 1<sup>st</sup> day of flow; if flow starts after 6 pm, count the following day as Cycle day 1).**

You will be given 10 pills of Clomiphene Citrate (50 mg each). Take 2 tablets one time per day for 5 days. Start on cycle day 5. Finish on cycle day 9. You will return on cycle day 10 for another FSH level. Your physician may also check an E2 level or perform an ultrasound.

Cycle Day	Date	Medications	Testing
1			+ Menses
2			
3			<input type="checkbox"/> FSH <input type="checkbox"/> E2 <input type="checkbox"/> US
4			
5		Clomiphene Citrate 50 mg 2 tablets once daily	
6		Clomiphene Citrate 50 mg 2 tablets once daily	
7		Clomiphene Citrate 50 mg 2 tablets once daily	
8		Clomiphene Citrate 50 mg 2 tablets once daily	
9		Clomiphene Citrate 50 mg 2 tablets once daily	
10			<input type="checkbox"/> FSH <input type="checkbox"/> E2 <input type="checkbox"/> US