

CLOMIPHENE CITRATE

Class: Ovulation Stimulator; Selective Estrogen Receptor Modulator (SERM)

Indications: Treatment of ovulatory dysfunction in patients desiring pregnancy

Available dosage form in the hospital: CLOMIPHENE CITRATE 50MG TAB

Trade Names:

Dosage:

Ovulation induction: Oral: Females: **Note:** Intercourse should be timed to coincide with the expected time of ovulation (usually 5-10 days after a clomiphene course).

-Initial course: 50 mg once daily for 5 days. Begin on or about the fifth day of cycle if progestin-induced bleeding is scheduled or spontaneous uterine bleeding occurs prior to therapy. Therapy may be initiated at anytime in patients with no recent uterine bleeding.

-Dose adjustment: Subsequent doses may be increased to 100 mg once daily for 5 days only if ovulation does not occur at the initial dose. Lower doses (12.5-25 mg daily) may be used in women sensitive to clomiphene or who consistently develop large ovarian cysts.

-Repeat courses: If needed, the 5-day cycle may be repeated as early as 30 days after the previous one. Exclude the presence of pregnancy. The lowest effective dose should be used.

-Maximum dose: 100 mg once daily for 5 days for up to 6 cycles. Discontinue if ovulation does not occur after 3 courses of treatment; or if 3 ovulatory responses occur but pregnancy is not achieved. Long-term therapy (>6 cycles) is not recommended. Re-evaluate if menses does not occur following ovulatory response. Doses have ranged from 50-250 mg daily, although doses >100 mg daily are not as successful. The maximum recommended dose in women with PCOS is 150 mg daily.

Renal Impairment:

No dosage adjustment provided in manufacturer's labeling.

Hepatic Impairment:

Use is contraindicated in patients with a history of liver disease or dysfunction.

Common side effect:

Endocrine & metabolic: Ovarian enlargement

Pregnancy Risk Factor: X