

Tocolytics

RITODINE - 10 mg tab / 10 mg in 1 ml inj.
RITROD - 10 mg/ml inj (5 ml amp) or 10 mg tab

These are a class of tocolytics k/as **Adrenergic agonists**

RITODINE, the β_2 selective agonist has more prominent uterine relaxant action is approved to suppress premature labour & to delay delivery in case of foetal distress.

It is started as 50 μ g/min IV infusion;

Rate is increased every 10 min till uterine contraction ceases or maternal HR rises to 120/min

Contraction r kept suppressed by continuing IV infusion or 10 mg IM 4-6 hourly followed by 10 mg oral 4-6 hourly.

T/t beyond 48 hrs. is not recommended as risk to mother & benefit is uncertain.

In about 70% cases delivery can be postponed by few hrs to few weeks.

A/E $\rightarrow$ Cardiovascular (hypotension, tachycardia, arrhythmia, pulm. edema)
Metabolic (hyperglycaemia, hypokalaemia, hyperinsulinaemia)
Anxiety, Headache etc in mother
 $\rightarrow$ Foetal pulmonary edema

To be contraindicated when mother is - diabetic, having heart disease or receiving β blockers or steroids.

RITODINE has been discontinued in USA, but is still available in UK & India