

# RECKONER FOR CALCULATING THE RATE OF SYNTOCINON INFUSION IN MILLI UNITS PER MINUTE

by  
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## SUMMARY

Once in a blue moon obstetricians are in their blues with the problem how to calculate the rate of syntocinon infusion? In the present era, where labour rooms are studded with patients, there is hardly any time for having pen and paper to calculate exact dose of syntocinon infusion resulting in mismanagement. Just to save time and for a proper infusion the ready reckoner has been developed.

It is not easy to calculate the dose of syntocinon (sandoz) in milli units per minute (mu/mt.) Keeping this in mind a ready reckoner has been developed.

Reckoner can accurately be used by just remembering—

(a) Fix the drip rate to 10-15 drops per minute (1 ml/mt.).

(b) Add required dose of syntocinon

(c) If you want to double up the dose, first see the quantity of dextrose 5% in the bottle. From the reckoner find out how much units of syntocinon have to be added to double up the dose in mu/mt. e.g.:

Suppose we are transfusing 2 units of syntocinon in 500 cc of vehicle at the rate of 10-15 drops per minute means (see reckoner) 4 mu/mt. Now suppose only

*Ready Reckoner Showing Dose of Syntocinon in Mu/Mt. at Particular Quantity of Vehicle and Syntocinon in Units*  
(Transfusion rate 10-15 drops/mt.)

Amount of vehicle (in mls.)	Quantity of Syntocinon									
	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
500	1	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
450	1.11	2.22	3.33	4.44	5.55	6.66	7.77	8.88	10.00	11.11
400	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	11.25	12.50
350	1.42	2.85	4.28	5.71	7.14	8.57	10.00	11.42	12.85	14.28
300	1.66	3.33	5.00	6.66	8.33	10.00	11.66	13.33	15.00	16.66
250	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
200	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00
150	3.33	6.66	10.00	13.33	16.66	20.00	23.33	26.66	30.00	33.33
100	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00
50	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00

in 500 cc of dextrose 5% and see in reckoner how much syntocinon in mu/mt. you are transfusing.

300 cc fluid has only been left in bottle only by adding one unit (see reckoner) more means nearly 3.33 mu/mt. So, now the total dose of syntocinon being going will be  $4.0 + 3.33 = 7.33$  mu/mt.

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