

## National Dose Banding Table – Mesna

Vial Sizes of Drug	400mg/4mL 1000mg/10mL	Example drug(s)	Mesna
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See table usage notes below regarding ‘single container’ and ‘multiple syringe’ tables.

### Master Bands and Ranges

*This table is intended to be in a format useful for electronic prescribing systems.*

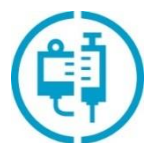
*Use To (A) if your system will round UP for doses on the step between two bands.*

*Use To (B) if your system will round DOWN for doses on the step between two bands.*

**Dose bands chosen for mesna:** For any given dose range (blue columns), the dose band for mesna that was chosen (green column) is always the lowest measurable dose above the dose bands for both cyclophosphamide and ifosfamide that fall within those same dose limits. This is to avoid mesna doses being too low due to rounding. It does, however, produce uneven steps which may breach the variance limits normally applied to chemotherapy agents.

Band Range (mg)			Band Dose (mg)	Variance (percent)	
From ≥	To (A) <	To (B) ≤		Below	Above
83.90	91.92	91.91	90	7	-2
91.92	101.82	101.81	100	9	-2
101.82	125.86	125.85	120	18	-5
125.86	150.01	150.00	150	19	0
150.01	170.01	170.00	170	13	0
170.01	189.74	189.73	180	6	-5
189.74	209.76	209.75	200	5	-5
209.76	229.78	229.77	220	5	-4
229.78	249.80	249.79	240	4	-4
249.80	269.82	269.81	260	4	-4
269.82	289.83	289.82	280	4	-3
289.83	309.84	309.83	300	4	-3
309.84	339.41	339.40	320	3	-6
339.41	379.47	379.46	360	6	-5
379.47	419.52	419.51	400	5	-5
419.52	459.57	459.56	440	5	-4
459.57	509.12	509.11	480	4	-6
509.12	569.21	569.20	540	6	-5
569.21	629.29	629.28	600	5	-5
629.29	689.35	689.34	660	5	-4
689.35	758.95	758.94	720	4	-5
758.95	848.53	848.52	800	5	-6
848.53	948.00	947.99	900	6	-5
948.00	1000.01	1000.00	1000	5	0
1000.01	1159.28	1159.27	1150	15	-1
1159.28	1328.16	1328.15	1300	12	-2
1328.16	1678.00	1677.99	1600	20	-5
1678.00	1838.00	1837.99	1800	7	-2
1838.00	2036.48	2036.47	2000	9	-2
2036.48	2405.00	2404.99	2400	18	0
2405.00	2724.00	2723.99	2700	12	-1
2724.00	3035.00	3034.99	2900	6	-4
3035.00	3394.00	3393.99	3300	9	-3
3394.00	3794.00	3793.99	3700	9	-2
3794.00	4233.00	4232.99	4200	11	-1
4233.00	4751.00	4750.99	4750	12	0
4751.00	5660.38	5660.37	5600	18	-1

Band Range (mg)			Band Dose (mg)	Variance (percent)	
From $\geq$	To (A) <	To (B) $\leq$		Below	Above
5660.38	6708.00	6707.99	6400	13	-5
6708.00	7547.00	7546.99	7200	7	-5
7547.00	8504.00	8503.99	8000	6	-6
8504.00	9621.00	9620.99	9100	7	-5
9621.00	10898.00	10897.99	10300	7	-5
10898.00	12336.00	12335.99	11600	6	-6
12336.00	13934.00	13933.99	13200	7	-5
13934.00	15730.00	15729.99	14800	6	-6
15730.00	17767.00	17766.99	16800	7	-5
17767.00	20081.00	20080.99	18900	6	-6
20081.00	22641.00	22640.99	21400	7	-5
22641.00	25474.00	25473.99	24000	6	-6



## Drug- and Dose-specific Tables

These tables are intended to assist with non-electronic systems where protocol-specific information is required. The range of the tables has been extended beyond 'normal' use, especially in the lower ranges, to allow for up to a 50% dose reduction to be used in patients who are  $1.3m^2$ . Doses which are normally capped are highlighted in grey.

### Mesna

Note that when mesna is combined with ifosfamide, the mesna dose has been rounded up to the nearest 100mg which may result in a higher dose than the ifosfamide.

BSA	Choose nearest for dose reductions							1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	
240 mg/m <sup>2</sup>	100	120	150	170	180	200	220	240	260	280	320	320	360	400	400	440	440	480	480	540	540	600	600	600	660	660	720	720	
300 mg/m <sup>2</sup>	170	180	200	220	240	260	280	300	320	360	400	440	440	480	540	540	600	600	660	660	720	720	720	800	800	800	900	900	
360 mg/m <sup>2</sup>	200	220	240	260	280	300	320	360	400	440	480	480	540	600	600	660	660	720	720	800	800	900	900	900	1000	1150	1150	1150	
400 mg/m <sup>2</sup>	220	240	260	280	300	320	360	400	440	480	540	540	600	660	660	720	800	800	800	900	900	1000	1000	1150	1150	1150	1300	1300	
600 mg/m <sup>2</sup>	300	320	360	400	440	480	540	600	660	720	800	800	900	1000	1150	1150	1150	1300	1300	1300	1600	1600	1600	1600	1600	1800	1800	1800	
720 mg/m <sup>2</sup>	360	400	440	480	540	600	660	720	800	900	900	1150	1150	1150	1300	1300	1600	1600	1600	1600	1600	1800	1800	2000	2000	2000	2400	2400	
750 mg/m <sup>2</sup>	360	400	440	480	540	600	660	720	800	900	1000	1150	1150	1300	1300	1600	1600	1600	1600	1600	1800	1800	2000	2000	2000	2400	2400	2400	
1,000 mg/m <sup>2</sup>	480	540	600	660	720	800	900	1000	1150	1300	1300	1600	1600	1600	1800	1800	2000	2000	2400	2400	2400	2400	2700	2700	2700	2900	2900	2900	
1,080 mg/m <sup>2</sup>	540	600	660	720	800	900	1000	1150	1300	1300	1600	1600	1600	1800	1800	2000	2400	2400	2400	2400	2400	2700	2700	2700	2900	2900	2900	3300	3300
1,200 mg/m <sup>2</sup>	600	660	720	800	900	1000	1150	1300	1300	1600	1600	1800	1800	2000	2400	2400	2400	2400	2700	2700	2900	2900	2900	3300	3300	3300	3700	3700	
1,300 mg/m <sup>2</sup>	600	660	720	800	900	1000	1150	1300	1600	1600	1800	1800	2000	2400	2400	2400	2700	2700	2900	2900	2900	3300	3300	3300	3700	3700	3700	4200	
1,667 mg/m <sup>2</sup>	660	720	800	900	1000	1150	1300	1600	1800	2000	2400	2400	2700	2700	2900	2900	3300	3300	3700	3700	4200	4200	4200	4750	4750	4750	5600	5600	
1,800 mg/m <sup>2</sup>	720	800	900	1000	1150	1300	1600	1800	2000	2400	2400	2700	2700	2900	3300	3300	3700	3700	3700	4200	4200	4750	4750	4750	5600	5600	5600	5600	
2,000 mg/m <sup>2</sup>	800	900	1000	1150	1300	1600	1800	2000	2400	2400	2700	2900	2900	3300	3700	3700	4200	4200	4200	4750	4750	5600	5600	5600	5600	5600	6400	6400	
2,600 mg/m <sup>2</sup>	1000	1150	1300	1600	1800	2000	2400	2700	2900	3300	3300	3700	4200	4200	4750	4750	5600	5600	5600	6400	6400	6400	6400	7200	7200	7200	7200	8000	
3,000 mg/m <sup>2</sup>	1150	1300	1600	1800	2000	2400	2700	2900	3300	3700	4200	4200	4750	5600	5600	5600	6400	6400	6400	6400	7200	7200	7200	8000	8000	8000	9100	9100	
3,850 mg/m <sup>2</sup>	1800	2000	2400	2700	2900	3300	3700	4200	4750	4750	5600	5600	6400	6400	6400	7200	7200	8000	8000	8000	9100	9100	10300	10300	10300	10300	11600	11600	

**Table usage notes:** 'Single container' tables are for products which are able to be supplied as a single unit, such as an infusion bag, one syringe, or as an infusor device (pump). 'Multiple syringe' (e.g. 'pick-and-mix') tables are for products which are supplied in combinations of syringes to make up a single dose. Some drugs may have both a single container table, and a multiple syringe table. Doses may vary between the two tables due to rounding requirements.