

National Dose Banding Table – Methotrexate High Dose

Vial Sizes of Drug	500mg/5mL 1,000mg/10mL 2,000mg/20mL	Example drug(s)	Methotrexate 100mg/mL
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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.

Band Range (mg)			Band Dose (mg)	Variance (percent)	
From ≥	To (A) <	To (B) ≤		Below	Above
94.87	104.88	104.87	100	5	-5
104.88	114.89	114.88	110	5	-4
114.89	124.90	124.89	120	4	-4
124.90	134.91	134.90	130	4	-4
134.91	144.91	144.90	140	4	-3
144.91	154.92	154.91	150	4	-3
154.92	164.92	164.91	160	3	-3
164.92	174.93	174.92	170	3	-3
174.93	189.74	189.73	180	3	-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	329.85	329.84	320	3	-3
329.85	349.86	349.85	340	3	-3
349.86	379.47	379.46	360	3	-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	698.86	698.85	660	5	-6
698.86	778.97	778.96	740	6	-5
778.97	859.07	859.06	820	5	-5
859.07	948.68	948.67	900	5	-5
948.68	1048.81	1048.80	1000	5	-5
1048.81	1148.91	1148.90	1100	5	-4
1148.91	1249.00	1248.99	1200	4	-4
1249.00	1349.07	1349.06	1300	4	-4
1349.07	1449.14	1449.13	1400	4	-3
1449.14	1549.19	1549.18	1500	4	-3
1549.19	1697.06	1697.05	1600	3	-6
1697.06	1897.37	1897.36	1800	6	-5
1897.37	2097.62	2097.61	2000	5	-5
2097.62	2297.83	2297.82	2200	5	-4
2297.83	2545.58	2545.57	2400	4	-6
2545.58	2846.05	2846.04	2700	6	-5



Band Range (mg)			Band Dose (mg)	Variance (percent)	
From \geq	To (A) <	To (B) \leq		Below	Above
2846.05	3146.43	3146.42	3000	5	-5
3146.43	3446.74	3446.73	3300	5	-4
3446.74	3794.73	3794.72	3600	4	-5
3794.73	4242.64	4242.63	4000	5	-6
4242.64	4743.42	4743.41	4500	6	-5
4743.42	5244.04	5244.03	5000	5	-5
5244.04	5744.56	5744.55	5500	5	-4
5744.56	6245.00	6244.99	6000	4	-4
6245.00	6745.37	6745.36	6500	4	-4
6745.37	7245.69	7245.68	7000	4	-3
7245.69	7745.97	7745.96	7500	4	-3
7745.97	8485.28	8485.27	8000	3	-6
8485.28	9486.83	9486.82	9000	6	-5
9486.83	10488.09	10488.08	10000	5	-5
10488.09	11489.13	11489.12	11000	5	-4
11489.13	12490.00	12489.99	12000	4	-4
12490.00	13490.74	13490.73	13000	4	-4
13490.74	14491.38	14491.37	14000	4	-3
14491.38	15491.93	15491.92	15000	4	-3
15491.93	16970.56	16970.55	16000	3	-6
16970.56	18973.67	18973.66	18000	6	-5
18973.67	20976.18	20976.17	20000	5	-5
20976.18	22978.25	22978.24	22000	5	-4
22978.25	24979.99	24979.98	24000	4	-4
24979.99	26981.48	26981.47	26000	4	-4
26981.48	28982.75	28982.74	28000	4	-3
28982.75	31464.27	31464.26	30000	4	-5
31464.27	34467.38	34467.37	33000	5	-4
34467.38	37947.33	37947.32	36000	4	-5
37947.33	42426.41	42426.40	40000	5	-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.

Methotrexate High Dose

Assumes 100mg/mL strength used for both the 10/20% infusion and the 80/90% infusion where high dose methotrexate infusions are split.

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
200 mg/m ²	120	130	140	150	160	170	180	200	220	240	260	280	300	320	340	360	400	400	440	440	480	480	480	540	540	540	600	600
300 mg/m ²	170	180	200	220	240	260	280	300	340	360	400	440	440	480	540	540	600	600	660	660	660	740	740	820	820	820	900	900
500 mg/m ²	280	300	320	340	360	400	440	480	540	600	660	740	740	820	820	900	1000	1000	1100	1100	1200	1200	1300	1300	1400	1400	1500	1500
800 mg/m ²	400	440	480	540	600	660	740	820	900	1000	1000	1100	1200	1300	1400	1400	1500	1600	1600	1800	1800	2000	2000	2000	2200	2200	2400	2400
1,700 mg/m ²	1000	1100	1200	1300	1400	1500	1600	1800	1800	2000	2200	2400	2700	2700	3000	3000	3300	3300	3600	3600	4000	4000	4500	4500	4500	5000	5000	5000
2,700 mg/m ²	1400	1500	1600	1800	2000	2200	2400	2700	3000	3300	3600	3600	4000	4500	4500	5000	5000	5500	5500	6000	6000	6500	7000	7000	7500	7500	8000	8000
3,000 mg/m ²	1500	1600	1800	2000	2200	2400	2700	3000	3300	3600	4000	4000	4500	5000	5000	5500	5500	6000	6500	6500	7000	7000	7500	8000	8000	8000	9000	9000
12,000 mg/m ²	6500	7000	7500	8000	9000	10000	11000	12000	13000	14000	16000	16000	18000	20000	20000	22000	22000	24000	26000	26000	28000	28000	30000	30000	33000	33000	36000	36000

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.

