

National Dose Banding Table – Multi-Syringe

Strength of raw material (after reconstitution if required)	20 mg/mL	Example drug(s)	Cyclophosphamide
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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 \geq	To (A) <	To (B) \leq		Below	Above
289.82	309.84	309.83	300	4	-3
309.84	339.42	339.41	320	3	-6
339.42	379.48	379.47	360	6	-5
379.48	424.26	424.25	400	5	-6
424.26	474.34	474.33	450	6	-5
474.34	524.40	524.39	500	5	-5
524.40	574.46	574.45	550	5	-4
574.46	624.50	624.49	600	4	-4
624.50	674.54	674.53	650	4	-4
674.54	724.56	724.55	700	4	-3
724.56	774.60	774.59	750	4	-3
774.60	848.52	848.51	800	3	-6
848.52	948.68	948.67	900	6	-5
948.68	1048.80	1048.79	1000	5	-5
1048.80	1148.92	1148.91	1100	5	-4
1148.92	1249.00	1248.99	1200	4	-4
1249.00	1349.08	1349.07	1300	4	-4
1349.08	1449.14	1449.13	1400	4	-3
1449.14	1549.20	1549.19	1500	4	-3
1549.20	1697.06	1697.05	1600	3	-6
1697.06	1897.36	1897.35	1800	6	-5
1897.36	2097.62	2097.61	2000	5	-5
2097.62	2297.82	2297.81	2200	5	-4
2297.82	2498.00	2497.99	2400	4	-4
2498.00	2698.14	2698.13	2600	4	-4
2698.14	2898.28	2898.27	2800	4	-3
2898.28	3098.38	3098.37	3000	4	-3



'Pick and Mix' Syringe Sizes and Total Dose

This table is a guide to the syringes to stock (see third row) and how to combine the syringes to make a total dose (orange column) from a maximum of four to six syringes per dose (blue columns) depending on the maximum syringe size to be stocked. Note that NOT ALL syringe sizes may be needed depending on the dose range required for a given drug and dose per m². Doses lower than the minimum shown on this table will all fit in single syringes and will match tables for either multiple or single container products.

Total Dose (mg)	"Pick and Mix" syringe sizes (mg) to combine for total doses								
	Using max syringe size 50mL					Using max syringe size 30mL			
	50mg	200mg	500mg	600mg	1000mg	50mg	200mg	500mg	600mg
400		2					2		
450	1	2				1	2		
500			1					1	
550	1		1			1		1	
600				1					1
650	1			1		1			1
700		1	1				1	1	
750	1	1	1			1	1	1	
800		1		1			1		1
900		2	1				2	1	
1000					1			2	
1100			1	1				1	1
1200				2					2
1300		1	1	1			1	1	1
1400		1		2			1		2
1500			1		1			3	
1600				1	1			2	1
1800				3					3
2000					2			4	
2200		1			2			2	2
2400				4					4
2600				1	2		1		4
2800				3	1			2	3
3000					3				5
3200		1			3		1		5
3600				1	3			6	1
4000					4			2	5



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 in orange are too small to require multiple syringes.

Cyclophosphamide

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	96	108	120	132	148	164	180	200	220	240	260	280	300	320	360	360	400	400	400	450	450	500	500	500	550	550	600	600
250 mg/m ²	132	148	164	180	200	220	240	260	280	300	320	360	360	400	450	450	500	500	550	550	600	600	650	650	700	700	750	750
300 mg/m ²	164	180	200	220	240	260	280	300	320	360	400	400	450	500	500	550	550	600	650	650	700	700	750	800	800	800	900	900
500 mg/m ²	260	280	300	320	360	400	450	500	550	600	650	700	750	800	900	900	1000	1000	1100	1100	1200	1200	1300	1300	1400	1400	1500	1500
600 mg/m ²	300	320	360	400	450	500	550	600	650	700	800	800	900	1000	1000	1100	1100	1200	1300	1300	1400	1400	1500	1600	1600	1600	1800	1800
750 mg/m ²	400	450	500	550	600	650	700	750	800	900	1000	1100	1100	1200	1300	1400	1400	1500	1600	1600	1800	1800	1800	2000	2000	2200	2200	2200
800 mg/m ²	450	500	550	600	650	700	750	800	900	1000	1000	1100	1200	1300	1400	1400	1500	1600	1600	1800	1800	2000	2000	2000	2200	2200	2400	2400
1000 mg/m ²	550	600	650	700	750	800	900	1000	1100	1200	1300	1400	1500	1600	1800	1800	2000	2000	2200	2200	2400	2400	2600	2600	2800	2800	3000	3000
1200 mg/m ²	650	700	750	800	900	1000	1100	1200	1300	1400	1600	1600	1800	2000	2000	2200	2200	2400	2600	2600	2800	2800	3000	3200	3200	3200	3600	3600

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 1-3 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.



Chemotherapy Dose Standardisation



