Table 2. #Colistin dosing guideline

Dose prescribed	Number of 1 MU vials needed	Syringe	Sterile water for injection to add to the 10 mL syringe after drawing up the colistin	Amount of colistin per mL	How to calculate the volume needed?
≤ 1 000 000	1	10 mL	8 mL	100 000 IU/mL	mL to be injected = Dose in units / 100 000
>1 000 000 but ≤2 000 000	2	10 mL	6 mL	200 000 IU/mL	mL to be injected = Dose in units / 200 000
>2 000 000 but ≤3 000 000	3	10 mL	4 mL	300 000 IU/mL	mL to be injected = Dose in units / 300 000
>3 000 000 but ≤4 000 000	4	10 mL	2 mL	400 000 IU/mL	mL to be injected = Dose in units / 400 000
>4 000 000 but ≤5 000 000	5	10 mL	0 mL	500 000 IU/mL	mL to be injected = Dose in units / 500 000

Note: Multi-dose vials should not be shared between patients as this increases the risk of cross-infection and impedes tracking of antimicrobial use at patient level. Colistin vials in particular cannot be shared, as these are issued with Section 21 approval on a named patient b

. TDM= therapeutic drug monitoring; *Discuss drug dosing with clinical pharmacology in cases of renal impairment; # Authorization required +/- Section 21