

Suggested Alfaxan doses for maintenance of anaesthesia in dogs and cats (up to 1 hour).

Constant Rate Infusion (CRI).

- An intravenous cannula is beneficial for all patients and is recommended for TIVA lasting more than 5 minutes (see SPC for further details).
- For constant rate infusion a suitably calibrated syringe driver, or similar device, should be employed.
- The animal should be carefully monitored as respiratory depression may occur during Alfaxan TIVA. IPPV should be initiated if necessary to maintain oxygenation and normal PaCO₂.



All doses are volumes, in ml/minute, based on the bodyweight of the patient. Please see the Alfaxan SPC for further information

ALFAXAN TIVA BY CONSTANT RATE INFUSION (CRI). ml/min				
BODY WEIGHT (KG)	DOGS		CATS	
	Unpremedicated ml / minute	Premedicated ml / minute	Unpremedicated ml / minute	Premedicated ml / minute
1	0.013 - 0.015	0.01 - 0.012	0.016 - 0.018	0.011 - 0.013
2	0.026 - 0.03	0.02 - 0.024	0.032 - 0.036	0.022 - 0.026
3	0.039 - 0.045	0.03 - 0.036	0.048 - 0.054	0.033 - 0.039
4	0.052 - 0.06	0.04 - 0.048	0.064 - 0.072	0.044 - 0.052
5	0.065 - 0.075	0.05 - 0.06	0.08 - 0.09	0.055 - 0.065
10	0.13 - 0.15	0.1 - 0.12	0.16 - 0.18	0.11 - 0.13
15	0.195 - 0.225	0.15 - 0.18	0.24 - 0.27	0.165 - 0.195
20	0.26 - 0.3	0.2 - 0.24	0.32 - 0.36	0.22 - 0.26
25	0.325 - 0.375	0.25 - 0.3	0.4 - 0.45	0.275 - 0.325
30	0.39 - 0.45	0.3 - 0.36	0.48 - 0.54	0.33 - 0.39
35	0.455 - 0.525	0.35 - 0.42	0.56 - 0.63	0.385 - 0.455
40	0.52 - 0.6	0.4 - 0.48	0.64 - 0.72	0.44 - 0.52
45	0.585 - 0.675	0.45 - 0.54	0.72 - 0.81	0.495 - 0.585
50	0.65 - 0.75	0.5 - 0.6	0.8 - 0.9	0.55 - 0.65

The actual dose should be adjusted based on the responses of the individual patient.

Please refer to the USER GUIDE TO ACHIEVING THE BEST OUTCOME WHEN USING ALFAXAN FOR THE INDUCTION AND MAINTENANCE OF ANAESTHESIA.

Intermittent Bolus

- An intravenous cannula is beneficial for all patients and is recommended for TIVA lasting more than 5 minutes (see SPC for further details).
- For bolus maintenance (most suitable for short procedures) small incremental doses may be administered as depth of anaesthesia begins to decline, or approximately every 10 minutes. Ensure each dose is flushed through with saline.



All doses are volumes, in ml/bolus, based on the bodyweight of the patient. Please see the Alfaxan SPC for further information

ALFAXAN TIVA BY INTERMITTENT BOLUS. ml/bolus				
BODY WEIGHT (KG)	DOGS		CATS	
	Unpremedicated ml / bolus	Premedicated ml / bolus	Unpremedicated ml / bolus	Premedicated ml / bolus
1	0.13 - 0.15	0.1 - 0.12	0.16 - 0.18	0.11 - 0.13
2	0.26 - 0.3	0.2 - 0.24	0.32 - 0.36	0.22 - 0.26
3	0.39 - 0.45	0.3 - 0.36	0.48 - 0.54	0.33 - 0.39
4	0.52 - 0.6	0.4 - 0.48	0.64 - 0.72	0.44 - 0.52
5	0.65 - 0.75	0.5 - 0.6	0.8 - 0.9	0.55 - 0.65
10	1.3 - 1.5	1.0 - 1.2	1.6 - 1.8	1.1 - 1.3
15	1.95 - 2.25	1.5 - 1.8	2.4 - 2.7	1.65 - 1.95
20	2.6 - 3.0	2.0 - 2.4	3.2 - 3.6	2.2 - 2.6
25	3.25 - 3.75	2.5 - 3.0	4.0 - 4.5	2.75 - 3.25
30	3.9 - 4.5	3.0 - 3.6	4.8 - 5.4	3.3 - 3.9
35	4.55 - 5.25	3.5 - 4.2	5.6 - 6.3	3.85 - 4.55
40	5.2 - 6.0	4.0 - 4.8	6.4 - 7.2	4.4 - 5.2
45	5.85 - 6.75	4.5 - 5.4	7.2 - 8.1	4.95 - 5.85
50	6.5 - 7.5	5.0 - 6.0	8.0 - 9.0	5.5 - 6.5

The actual dose should be adjusted based on the responses of the individual patient.

Please refer to the USER GUIDE TO ACHIEVING THE BEST OUTCOME WHEN USING ALFAXAN FOR THE INDUCTION AND MAINTENANCE OF ANAESTHESIA.