



Constant Rate Infusion (CRI).

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

- An intravenous cannula is beneficial for all patients and is recommended for TIVA lasting more than 5 minutes
- 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.

ALFAXAN TIVA BY CONSTANT RATE INFUSION (CRI). mL/min

Bodyweight (kg)	DOGS		Bodyweight (kg)	CATS	
	Un-premedicated mL/minute	Premedicated mL/minute		Un-premedicated mL/minute	Premedicated mL/minute
1	0.013 - 0.015	0.01 - 0.012	1	0.016 - 0.018	0.011 - 0.013
2	0.026 - 0.03	0.02 - 0.024	2	0.032 - 0.036	0.022 - 0.026
3	0.039 - 0.045	0.03 - 0.036	3	0.048 - 0.054	0.033 - 0.039
4	0.052 - 0.06	0.04 - 0.048	4	0.064 - 0.072	0.044 - 0.052
5	0.065 - 0.075	0.05 - 0.06	5	0.08 - 0.09	0.055 - 0.065
10	0.13 - 0.15	0.1 - 0.12	6	0.096 - 0.108	0.066 - 0.078
15	0.195 - 0.225	0.15 - 0.18	7	0.112 - 0.126	0.077 - 0.091
20	0.26 - 0.3	0.2 - 0.24	8	0.128 - 0.144	0.088 - 0.104
25	0.325 - 0.375	0.25 - 0.3	9	0.144 - 0.162	0.099 - 0.117
30	0.39 - 0.45	0.3 - 0.36	10	0.16 - 0.18	0.11 - 0.13
35	0.455 - 0.525	0.35 - 0.42			
40	0.52 - 0.6	0.4 - 0.48			
45	0.585 - 0.675	0.45 - 0.54			
50	0.65 - 0.75	0.5 - 0.6			

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

Please refer to the **Administration Guide: Dog and Cat** for more information on using Alfaxan[®] or Alfaxan[®] Multidose for the Induction or Maintenance of Anaesthesia.

FOR MORE INFORMATION CONTACT:

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Intermittent Bolus

- An intravenous cannula is beneficial for all patients and is recommended for TIVA lasting more than 5 minutes.
- 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.

ALFAXAN TIVA BY INTERMITTENT BOLUS. mL/bolus

Bodyweight (kg)	DOGS	
	Un-premedicated mL / bolus	Premedicated mL / bolus
1	0.13 - 0.15	0.1 - 0.12
2	0.26 - 0.3	0.2 - 0.24
3	0.39 - 0.45	0.3 - 0.36
4	0.52 - 0.6	0.4 - 0.48
5	0.65 - 0.75	0.5 - 0.6
10	1.3 - 1.5	1 - 1.2
15	1.95 - 2.25	1.5 - 1.8
20	2.6 - 3	2 - 2.4
25	3.25 - 3.75	2.5 - 3
30	3.9 - 4.5	3 - 3.6
35	4.55 - 5.25	3.5 - 4.2
40	5.2 - 6	4 - 4.8
45	5.85 - 6.75	4.5 - 5.4
50	6.5 - 7.5	5 - 6

Bodyweight (kg)	CATS	
	Un-premedicated mL / bolus	Premedicated mL / bolus
1	0.16 - 0.18	0.11 - 0.13
2	0.32 - 0.36	0.22 - 0.26
3	0.48 - 0.54	0.33 - 0.39
4	0.64 - 0.72	0.44 - 0.52
5	0.8 - 0.9	0.55 - 0.65
6	0.96 - 1.08	0.66 - 0.78
7	1.12 - 1.26	0.77 - 0.91
8	1.28 - 1.44	0.88 - 1.04
9	1.44 - 1.62	0.99 - 1.17
10	1.6 - 1.8	1.1 - 1.3

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

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