

TABLE 6.13 Anaesthetic Dose Rates in the Rabbit.

Drug	Dose rate	Effect	Duration of anaesthesia (minutes)	Sleep time (minutes)
Alphaxalone	4 mg/kg iv	Light anaesthesia	5–10	10–20
Alpha-chloralose	80–100 mg/kg iv	Light to surgical anaesthesia	360–600	Non-recovery only
Etorphine/methotrimeprazine (Immobilon SA)	0.025–0.05 ml/kg im	Immobilization, analgesia	60 (analgesia)	120–240
Etorphine/methotrimeprazine (Immobilon SA) + midazolam	0.05 ml/kg im + 1 mg/kg iv	Surgical anaesthesia (severe respiratory depression, see text)	50–100	180–240
Fentanyl/fluanisone (Hypnorm) + diazepam	0.3 ml/kg im + 1–2 mg/kg iv, im or ip	Surgical anaesthesia	20–40	60–120
Fentanyl/fluanisone (Hypnorm) + midazolam	0.3 ml/kg im + 1–2 mg/kg iv or ip	Surgical anaesthesia	20–40	60–120
Fentanyl + medetomidine	8 ug/kg iv + 330 ug/kg iv	Surgical anaesthesia	30–40	60–120
Fentanyl + medetomidine + midazolam	20 ug/kg iv + 0.2 mg/kg + 1.0mg/kg i/m	Surgical anaesthesia	30–40	60–120
Ketamine/acepromazine	50 mg/kg imft + 1 mg/kg im	Surgical anaesthesia	20–30	60–90
Ketamine/dexmedetomidine	15 mg/kg im + 0.125 mg/kg sc, im	Surgical anaesthesia	20–30	60–90
Ketamine/diazepam	25 mg/kg im + 5 mg/kg im	Surgical anaesthesia	20–30	60–90
Ketamine/medetomidine	15 mg/kg s/c + 0.25 mg/kg sc	Surgical anaesthesia	20–30	60–90
Ketamine/xylazine	35 mg/kg im + 5 mg/kg im	Surgical anaesthesia	25–40	60–120
	10 mg/kg iv + 3 mg/kg iv	Surgical anaesthesia	20–30	60–90
Ketamine/xylazine/acepromazine	35 mg/kg im + 5 mg/kg im 1 1.0 mg/kg im, sc	Surgical anaesthesia	45–75	100–150
Ketamine/xylazine/butorphanol	35 mg/kg im + 5 mg/kg im 1 0.1 mg/kg im	Surgical anaesthesia	60–90	120–180
Pentobarbital	30–45 mg/kg iv	Light to medium anaesthesia	20–30	60–120
Propofol	10 mg/kg iv	Light anaesthesia	5–10	10–15
Thiopental	30 mg/kg iv	Surgical anaesthesia	5–10	10–15
Urethane	1000–2000 mg/kg iv	Surgical anaesthesia	360–480	Non-recovery only

Duration of anaesthesia and sleep time (loss of righting reflex) are provided only as a general guide, since considerable between-animal variation occurs. For recommended techniques, see text.