

Descovich et al.:

Opportunities for Refinement in Neuroscience: Indicators of Wellness and Post-Operative Pain in Laboratory Macaques

Supplementary Data

Animal	Weight (kg)	Procedure	Sedation and anaesthesia	Procedure analgesia	Next day analgesia
F1	5.83	CRI	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO)
F2	5.61	EMG	Ketamine (10mg/kg IM) Propofol (5-6mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg IV) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.1mg/kg IM)
F3	9.84	EMG	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg IV) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO) Buprenorphine (10mcg/kg)
F4	7.67	EMG	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg IV) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO)
F5	Unavailable	CRI	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC) Buprenorphine (20mcg/kg IV)	Meloxicam (0.1mg/kg IM)
F6	5.65	EMG	Ketamine (10mg/kg) Propofol (7ml) Sevoflurane (2.6-3.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC) Buprenorphine (10mcg/kg IV)	Meloxicam (0.2mg/kg PO) Buprenorphine (10mcg/kg)
F7	4.99	CRI	Ketamine(10mg/kg) Propofol (5ml) Sevoflurane (2.3-3.5%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC) Buprenorphine (0.01mg/kg)	Meloxicam (0.1mg/kg PO)
F8	Unavailable	OPT	Midazolam (0.5mg/kg IM) Medetomidine (20mcg/kg IM) Fentanyl (10mcg/kg IM) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC) Buprenorphine (0.02mg/kg)	Meloxicam (0.1mg/kg PO)
F9	5.5	CRI	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.1mg/kg)
F10	3.38	EMGCRI	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1 mg/kg PO) Dexamethasone (0.3mg/kg IM)
F11	5.73	CRI	Ketamine (8mg/kg) Propofol (6-8mg/kg IV) Sevoflurane Domitor (30mcg/kg IM)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.3mg/kg IM) Carbamazepine (10mg/kg)
F12	6.7	EMG	Ketamine(10mg/kg) Propofol (4ml) Sevoflurane	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.02mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO)

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ALTEX 36(4), SUPPLEMENTARY DATA

				Dexamethasone (0.2mg/kg IM)	
F13	Unavailable	EMG	Ketamine (0.6ml) Propofol (4.5ml) Sevoflurane (2.5-4%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.02mg/kg) Meloxicam (0.3mg/kg SC) Dexamethasone (0.2mg/kg IM)	Meloxicam (0.79ml) 0.1mg/kg PO
F14	5.38	EMG	Ketamine 10mg/kg IM Propofol IV Sevoflurane	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.02mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.76ml) 0.1mg/kg PO
M1	11.69	SCP	Ketamine (5-10mg/kg) Propofol (6-8mg/kg) Sevoflurane (1.8-2%)	Meloxicam (0.3mg/kg SC)	Meloxicam (0.82ml) 0.1mg/kg PO
M2	8.54	SCP	Ketamine (5-10mg/kg) Propofol (6-8mg/kg) Sevoflurane (1.8-2%)	Meloxicam (0.3mg/kg SC)	Meloxicam (0.57ml) 0.1mg/kg PO
M3	15.21	SCP	Ketamine (10mg/kg) Propofol (6ml) Sevoflurane (gas; 2-4%)	Alfentanil (infusion 3.6ml/hr) Meloxicam (0.9ml) Buprenorphine (10mic/kg) Dexamethasone (0.5mg/kg)	Meloxicam 0.1mg/kg PO Dexamethasone 0.4mg/kg IM
M4	11.35	SCP	Propofol (6-8mg Kg IV) Ketamine (10mg/kg IM) Sevoflurane	Carprofen	Meloxicam 0.1mg/kg PO
M5	7	OPT	Ketamine (10mg/kg) Propofol (5ml) Sevoflurane (2.5-4.5%)	Alfentanil (2.5ml/hr) Meloxicam (0.3mg/kg) Buprenorphine (30mic/kg) Dexamethasone (0.5mg/kg IM)	Meloxicam (0.45ml inj) Dexamethasone (0.55ml) Methadone (0.5mg/kg IM)
M6	9.92	SCP	Ketamine 7mg/kg IM Propofol (3.1ml) Sevoflurane	Carprofen (2mg/kg SC)	Meloxicam (0.1mg/kg PO)
M7	Unavailable	OPT	Propofol (3.5ml) Isoflurane (1.3-2.5%) Ketamine (10mg/kg)	Alfentanil (1.6-1.9ml/hr) Meloxicam Buprenorphine (30mic/kg) Dexamethasone (0.3mg/kg IM)	Meloxicam (0.1mg/kg SC) Dexamethasone (0.3mg/kg IM) Buprenorphine (0.65ml)
M8	10.52	CRI	Ketamine Propofol Sevoflurane	Alfentanil Carprofen	Meloxicam (0.7ml)
M9	8.51	OPT	Medetomidine (20mic/kg) Midazolam (0.5mg/kg) Fentanyl (10 mic/kg) Propofol (6-8mg/kg IV) Isoflurane	Alfentanil (2.1-2.8ml/hr) Meloxicam (0.3mg/kg SC) Buprenorphine (30mic/kg IV) Dexamethasone (0.3mg/kg IM)	Meloxicam (0.1mg/kg SC) Dexamethasone (0.3mg/kg IM) Buprenorphine (0.03mg/kg IM)
M10	11.3	CRI	Ketamine Propofol (6ml) Sevoflurane (1.5-3.0%)	Alfentanil (infusion:0.2-0.05 mcg/kg/min IV 2.9 ml/hr) Meloxicam (0.69ml) Buprenorphine (30mic/kg)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.25mg/kg IM) Buprenorphine (20mic/kg IM)
M11	7.1	OPT	Ketamine (0.7ml) Propofol Sevoflurane (2.2-3.5%)	Alfentanil (infusion 0.2-0.05 mcg/kg/min IV 1.8ml/hr) Meloxicam (0.3mg/kg SC) Buprenorphine (30mc/kg) Dexamethasone (0.3mg/kg IM)	Meloxicam 0.1mg/kg SC Dexamethasone 0.3mg/kg IM) Methadone (0.3ml IM)
M12	11.28	MAR	Ketamine 10mg/kg IM and 2mg/kg IM Propofol (6-8mg/kg) Sevoflurane	Meloxicam (0.3mg/kg) Buprenorphine (15mic/kg) Alfentanil (infusion 0.2-0.05 mcg/kg/min IV)	Meloxicam (0.1mg/kg PO)
M13	8.03	OPT	Midazolam (0.5mg/kg) Medetomidine (15mic/kg) Fentanyl (10mic/kg) Isoflurane (gas)	Alfentanil (10mic/kg) Meloxicam (0.3mg/kg) Buprenorphine (30mic/kg IV) Dexamethasone (0.3mg/kg IM)	Meloxicam (0.1mg/kg inj IM) Dexamethasone (0.25mg/kg IM) Methadone (0.5mg/kg IM)
M14	6.62	OPT	Ketamine (10mg/kg) Propofol Sevoflurane	Alfentanil (infusion 0.2-0.05 mcg/kg/min IV)(1.7ml/hr) Meloxicam (0.3mg/kg SC) Buprenorphine (30mic/kg)	Meloxicam (0.1mg/kg SC) Dexamethasone (0.3mg/kg IM) Buprenorphine (30mcg/kg IM)

				Dexamethasone (0.3mg/kg IM)	
M15	6.97	OPT	Ketamine (10mg/kg) Propofol (5ml) Isoflurane (1.2-1.4%)	Alfentanil (1.7-2.3ml/hr) Meloxicam (0.3mg/kg SC) Buprenorphine (30mic/kg)	Meloxicam (0.1 mg/kg PO) Dexamethasone (0.3mg/kg IM) Methadone (0.4mg/kg IM)
M16	7.3	OPT	Midazolam (0.5mg/kg IM) Fentanyl (10mic/kg IM) Medetomidine (10mcg/kg IM) Ketamine (5mg/kg) Propofol Sevoflurane (2.5%)	Alfentanil ((infusion 0.2-0.05 mcg/kg/min IV) 10mic/kg) Meloxicam (0.3mg/kg IM) Dexamethasone (0.3mg/kg IM) Buprenorphine (30mic/kg)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.2mg/kg IM) Buprenorphine (20 micg/kg IM)
M17	12.48	SCP	Ketamine (10mg/kg IM) Propofol (6-8mg/kg IV) Sevoflurane (1.8-2.6%)	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.01mg/kg) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg PO)
M18	16.41	SCP	Ketamine (10mg/kg IM) Propofol (6-8 mg/kg IV) Sevoflurane	Alfentanil (0.2-0.05 mcg/kg/min IV) Buprenorphine (0.02mg/kg IV) Meloxicam (0.3mg/kg SC)	Meloxicam (0.1mg/kg SC)
M19	5.2	OPT	Ketamine (10mg/kg) Propofol (5ml) Sevoflurane	Alfentanil (1.3ml/hr) Meloxicam (0.3mg/kg) Buprenorphine (30mic/kg)	Meloxicam (0.31ml SC) Dexamethasone (0.39ml) Buprenorphine (0.52ml)
M20	6.55	OPT	Ketamine (10mg/kg) Propofol Sevoflurane (1.8-2.5%)	Alfentanil (1.7ml/hr 0.2-0.05 mcg/kg/min IV) Meloxicam (0.3mg/kg SC) Buprenorphine (30mcg/kg IV)	Meloxicam (0.1mg/kg PO) Dexamethasone (0.15mg/kg) Buprenorphine (0.01mg/kg IM)
M21	12.8	CRI	Ketamine (10mg/kg) Propofol (6-8mg/kg IV) Sevoflurane (2-3%)	Alfentanil (3.2ml/hr) 0.2-0.05 mcg/kg/min IV Meloxicam (0.3mg/kg SC) Buprenorphine (20mcg/kg IV)	Meloxicam(0.1mg/kg PO) Buprenorphine (10mcg/kg IM)
M22	9.2	SCP	Ketamine (10mg/kg) Midazolam (0.25 mg/kg) Propofol (5.5ml) Sevoflurane (1.6-3.2%)	Alfentanil (2.3ml/hr) Meloxicam (0.3mg/kg) Buprenorphine (10mic/kg)	Meloxicam (0.1mg/kg PO)