

Subject	Pre-medication mg/kg	Induction mg/kg	Maintenance	Surgical procedure	Inotropes
Horse 1: Warmblood 19 y	Medetomidine ^a 0.005 Methadone ^b 0.05	Diazepam ^c 0.05 Ketamine ^d 2.5	Isoflurane ^e in oxygen and air Lidocaine ^f 1.8 mg/kg/h CRI	Explorative laparotomy	Dobutamine ^g 0.2 mcg/kg/min
Horse 2: Warmblood M 2 y	Acepromazine ^h 0.03 Methadone 0.05 Romifidine ⁱ 0.05	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Romifidine 0.05 mg/kg/h and lidocaine 1.8 mg/kg/h CRI	Castration and sarcoïd excision	Dobutamine 0.3 mcg/kg/min
Horse 3: Warmblood M 1.5 y	Acepromazine 0.03 Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Lidocaine 1.8 mg/kg/h CRI	Hydrocele excision	Dobutamine 1.4 mcg/kg/min
Horse 4: Icelandic MC 22 y	Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Lidocaine 1.8 mg/kg/h CRI and ketamine 0.6 mg/kg/h	Tarsal bursoscopy	Dobutamine 0.5 mcg/kg/min
Horse 5: Warmblood F 15 y	Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Lidocaine 1.8 mg/kg/h CRI	Loop colostomy	
Horse 6: Warmblood MC 13 y	Acepromazine 0.03 Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Lidocaine 1.8 mg/kg/h CRI	Carpal tenoscopy	Dobutamine 0.5 mcg/kg/min

Horse 7: Pony MC 4 y	Acepromazine 0.03 Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Romifidine 0.04 mg/kg	Post castration fistulectomy	Dobutamine 0.7 mcg/kg/min
Horse 8: Warmblood M 10 y	Acepromazine 0.03 Methadone 0.05 Romifidine 0.04	Diazepam 0.05 Ketamine 2.5	Isoflurane in oxygen and air Romifidine 0.04 mg/kg	Stifle arthroscopy	Dobutamine 0.6 mcg/kg/min

Supplemental Table 1: Summary of anesthetic protocol and procedures used in the 8 horses in the anesthetized group.

F= female, M= male, MC= male castrated, y= years

^a 1 mg/ml Domitor, Orion Pharma, Provet AG, Switzerland.

^b L-methadone/fenpipramide Polamivet ®2.5/0.125 mg/ml, Intervet, Switzerland

^c Valium®5 mg/ml, La Roche AG, Switzerland

^d Ketasol ®, 100 mg/ml, Dr. E. Graeub AG, Switzerland

^e Attane™ Isoflurane ad us. vet., Inhalationsnarkotikum, Provet AG, Switzerland

^f Lidocaine 2% Lidocaine 20/ml use vet, Streuli Pharma AG Switzerland

^g Dobutrex 250 mg/5ml, Teva Pharma AG, Basel, Switzerland

^h Prequillan ®10 mg/ml Arovet AG, Switzerland

ⁱ Sedivet ® 10 mg/ml, Boehringer Ingelheim, Switzerland .