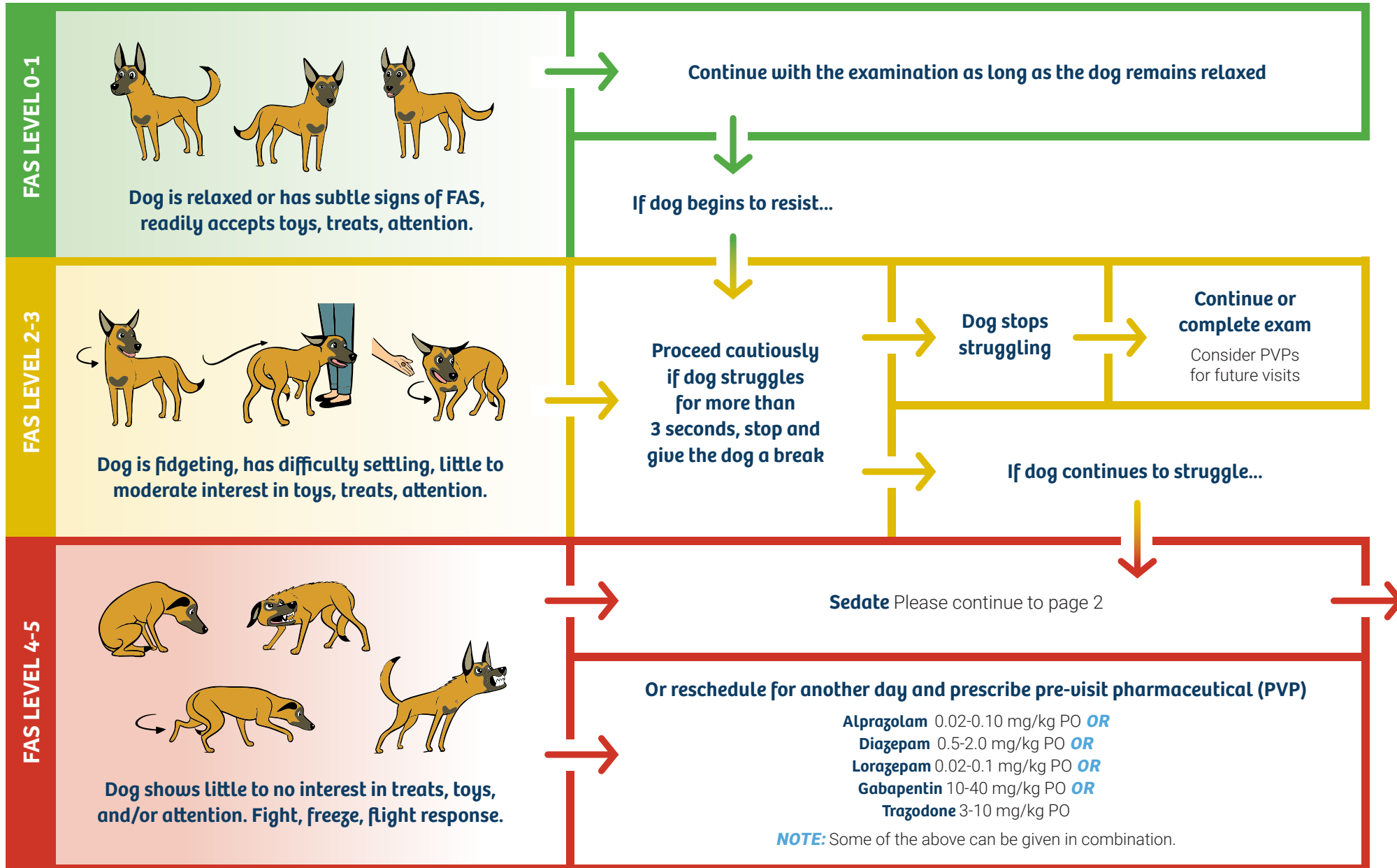


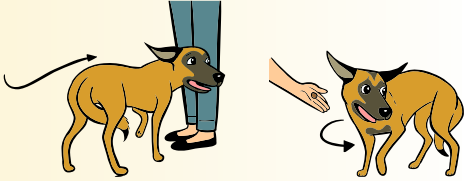
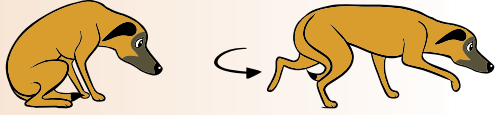
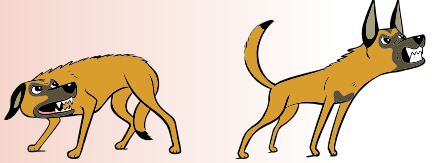
Canine FAS Sedation - Pain Algorithm

Dog presents for examination:



Canine Sedation Protocols Healthy Patients

Use lower end of dosage range for geriatrics

FAS LEVEL 2-3	 Dexmedetomidine 1-3 mcg/kg IV or 3-10 mcg/kg IM OR Acepromazine 0.01-0.03 mg/kg IM or IV with Midazolam 0.2 mg/kg IM or IV	MILD PAIN  Buprenorphine 0.02-0.03 mg/kg IM or IV OR Hydromorphone 0.05-0.2 mg/kg IM or IV OR Morphine 0.3-2.0 mg/kg IM; 0.1-0.5 mg/kg IV
FAS LEVEL 3-4	 Dexmedetomidine 3-10 mcg/kg IM or IV and Butorphanol 0.2-0.4 mg/kg IM <i>(If patient is painful use Buprenorphine or a pure mu opioid instead of Butorphanol)</i> (+/-) Midazolam 0.2 mg/kg IM or IV	MODERATE PAIN  Buprenorphine 0.02-0.03 mg/kg IM or IV OR Hydromorphone 0.05-0.2 mg/kg IM or IV OR Morphine 0.3-2.0 mg/kg IM; 0.1-0.5 mg/kg IV
FAS LEVEL 5	 Dexmedetomidine 12-40 mcg/kg IM and Butorphanol 0.2-0.4 mg/kg IM <i>(If patient is painful use Buprenorphine or a pure mu opioid instead of Butorphanol)</i> (+) Ketamine 1-2 mg/kg IM or 5-10 mg/kg IM for anesthesia <i>(volume too high for most dogs)</i> OR Tiletamine-Zolazepam 1-2 mg/kg IM	SEVERE PAIN  Hydromorphone 0.05-0.2 mg/kg IM OR Morphine 0.3-2.0 mg/kg IM