

Simple MLK protocol for dogs

Add the following to a 1L bag of Hartmanns or saline:

- 20mg Morphine (2 x 10mg vials)
- 300mg Lignocaine (15ml)
- 70mg Ketamine (0.7ml)

That mixture can then be given as a CRI during and after painful surgeries. The rate to start at is 5ml/kg/hr and that can be varied depending on the dog's depth of anaesthesia or pain levels.

Morphine can easily be substituted for another opioid drug such as Fentanyl.

You should be able to drop the amount of Isoflurane given during anaesthesia with this protocol.

I would normally keep a dog on an MLK CRI for at least 12 hours post orthopaedic surgery. This gives time for a Fentanyl patch to start reaching therapeutic levels. Most dogs are nice and relaxed post op and sleep comfortably overnight.

Fentanyl patch dose is around 4ug/kg/hr.

* You can do the same thing with cats, but don't add lignocaine!