Nsaids

* NSAIDs are useful adjuncts in the treatment of postsurgical pain in a variety of species, because they *block prostaglandin synthesis* mediated by inhibition of cyclooxygenase (COX).
* *Decreasing inflammation after surgery or trauma can greatly improve analgesia.*
* Inflammation is a key component in both peripheral and central sensitization leading to wind-up. *Early and aggressive control of wind-up is critical in the prevention of chronic pain* syndromes.
* NSAIDs appear to confer synergism when used in combination with opioids and may demonstrate an *opioid-sparing effect*.
* Significant advantages of NSAIDs include *availability, a relatively long duration of action, low cost, and relative ease of administration.*
* Lack of CNS alteration (sedation or dysphoria) make NSAIDs ideal for treating acute and chronic pain in animals. Careful patient selection is critical.