**COMPLICATIONS/ LIMITATIONS OF REGIONAL ANAESTHESIA**

* The tourniquet may be painful for the animal; sedation or systemic analgesia may be required to prevent this pain
* Rapid release of the tourniquet may allow a high dose of local anaesthetic agent to reach the systemic circulation and cause toxic effects
* The tourniquet should not be released for at least 10 minutes, to ensure that there has been time for the [lidocaine](http://wildpro.twycrosszoo.org/s/00Chem/ChComplex/Lignocaine.htm) to diffuse into the tissues and prevent toxicity due to excessive release of lidocaine into the systemic circulation
* Gradual release of the tourniquet, over a period of 10-15 minutes, is suggested in order to avoid toxicity from a sudden systemic bolus of the local anaesthetic agent.
* To provide complete analgesia of the interdigital area of the forelimb, additional blockage of the interosseous branch of the ulnar nerve will be required by dorsal and palmar infiltration between the digits.
* For intravenous regional anaesthesia of a limb only preparations **without** adrenaline should be used.