**LOW 4 POINT NERVE BLOCK**

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| **NERVE AFFECTED** | **NEEDLE** | **VOLUME** | **ONSET OF ACTION** | **TECHNIQUE** | **STRUCTURES BLOCKED** |
|  -lateral & medial palmar nerves- lateral & medial palmar metacarpal nerves | 22gx1” needle 25gx5/8” needle | 2-3ml | 10-15 minutes |  1.    Ensure adequate restraint of horse to do this procedure with the foot on the ground. 2.   Palpate DDFT and the SL.  Avoid digital sheath by measuring a hand’s breadth above fetlock joint.   3.   Insert needle parallel to the ground and perpendicular to the skin   between the DDFT and the SL.  (22gx1” needle) 4.   Insert needle to the hub, check for blood and deposit 2-3mL     anaesthetic.  This will anesthetize the medial branch.  Withdraw   the needle until it is subcutaneous on the lateral side and deposit   2-3mL.  5.   Palpate the bell (button) of Metacarpal/metatarsal bone 4.  Insert needle distal to bell of    splint bone, pointing slightly upwards.  (25gx5/8” needle)   Check    for blood and inject 2-3mL anaesthetic.  Support hub of needle   with one hand and inject with the other.  Repeat on medial    aspect of limb.  | All structure of previous block (all of structures distal to the location of nerve block)Navicular structuresSoft tissue structures of pastern and footSole, LaminaeThree phalangesCoffin and Pastern and **Fetlock joint**Distal Digital tendon Sheath |



 1)Palmar view 2)lateral view 3)areas affected

