

PALMAR DIGITAL NEURECTOMY PRE-OPERATIVE CONSIDERATIONS

- WHO-

- When >90% of lameness resolved after PDN block
- Not an acute ligament or DDFT injury
- Correctable hoof abnormalities addressed
- Age of horse
 - 70% sound for 2 years
 - 60% @ 3 years
 - 50% @ 4 years
 - 40% @ 5 years

- POTENTIAL COMPLICATIONS-

- Undetected subsolar infection
- Step on foreign body
- DDFT rupture
- Luxation DIP joint
- Bilateral septic and subluxation of coffin joints

- PROS-

- Safer & easier in recumbent horse
- Less haemorrhage
- Easier on surgeon
- Possible to perform in standing horse
- Allows nerve stump to withdraw into tissues not having surgery trauma

- CONS-

- Economics (\$600 vs. \$1800 US)
- Risks of general anaesthesia
- Older horses - broodmares
- Obese horses
- Recovery stall accidents
- May rupture epineurium and allow axonal sprouting
- Nerve trauma may contribute to neuroma formation