

INDICATIONS

- Shoeing problems
- Thrush
- Navicular disease
- Palmar fractures of P3
- Digital cushions and bulb lesions

LANDMARKS

Insert needle directly over the palmar aspect of the palpable neurovascular bundle. Needle is inserted pointing distally about 1 cm above the collateral cartilage of the foot

NEEDLE SIZE AND LENGTH & VOLUME OF LA

5/8 inch
25 gauge
1- 1.5 ml at each site (look for bleb)

AREA DESENSITIZED

Palmar foot (including the navicular apparatus and distal deep digital flexor tendon), distal interphalangeal joint and whole of the sole; skin at the bulbs of the heels, skin on the dorsal aspect of coronary band **retains** sensation

PDNB



DISADVANTAGES

- Dorsal portion of toe unaffected

ONSET & DURATION

Drug	Onset of Action (min)	Duration of Action (min)
Lidocaine	5-15	60-120
Mepivacaine	5-30	90-180
Bupivacaine	15-45	180-480

ADVANTAGES

Desensitizes: The entire sole
Navicular apparatus, Soft tissues of heel, Entire distal interphalangeal joint (coffin joint), Distal portion of the deep digital flexor tendon, Distal sesamoidean ligaments.

TESTING

Deep pain is assessed with hoof testers; loss of skin sensation proximal to the heels