



Zn responsive dermat



Zn responsive derm- hyperkeratosis on elbow



Footpad hyperkeratosis- often seen in Zn responsive dermatitis



Zinc responsive dermatitis in a samoyed

Zn Responsive Derm

Syndrome I- nordic breed dogs

- Young dogs
- Genetic defect
- Stress exacerbation
- Decreased zinc absorption
- Late Fall and Winter?

Zinc-Responsive Dermatitis Syndrome II

- Any breed, “large breed”
- Puppies
 - Poor diet; high cereal diet, poor zinc absorption due to high phytate (binds zinc)

Lesions

- Hyperkeratosis, crusts, erythema
- Periocular, Perioral, muzzle >> elbows, hocks, footpad hyperkeratosis
- +/- pruritus
- Secondary pyoderma