CC13-403

Jessica Wong
UGA CVM
DVM Candidate 2015
History

- 4.5 yo ♀ white-tailed deer (Odocoileus virginianus)
- Harvested by hunter in Tennessee
- Numerous subcutaneous nodules in hide
Ancillary Testing

- Microbiology: Samples of affected skin were submitted for anaerobic and aerobic culture
  - No bacteria isolated.

- Multiple Skin Scrapings: negative for mites
Morphological Dx

- Haired Skin: Pyogranulomatous and eosinophilic nodular dermatitis, multifocal, moderate, chronic-active, with edema, furunculosis, and intralesional *Demodex* sp. mites
Demodectic Mange

- Common in SE US
- Most often caused by Demodex folliculorum mites
- Autumn seasonality
- C/S:
  - alopecia, thickened skin, cutaneous nodules

Turner et al., 2008

Permission granted only for viewing on SEVPAC website
Demodectic Mange

- Mites typically in hair follicle
  - Newly-described species
    - Associated with large cyst-like structures
  - Unique presentation in deep dermis

Nemeth et al. 2013
Yabsley et al. 2013
Thank You!

Dr. Betsy Elsmo
Dr. Heather Fenton
Dr. Elizabeth Howorth
References

