

The Veterinary Hit Parade

Folks, these lists are not set in stone.

They are meant to be a guide to some of the common, key diseases by species you may want to review. Feel free to add (or trim) to fit your study needs.

Bold type means you should make a summary table

Canine Top 20

- 1 **Endocrine** **Big 5** Hyper/hypo adrenocorticism, Hypothy, Dia mellitus
- 2 Cancer: esp. Mammary, HSA, Osteosarc
- 3 Parasit: Tapes, rounds, hooks, whips, Sarcoptes
- 4 Renal failure, incl Eth glycol
- 5 Heartworm disease
- 6 Heart Failure (valvular dz, DCM, pericardial effusion)
- 7 IV Disc disease
- 8 Pyometra
- 9 Fleas
- 10 **Lameness:** Hip dysplasia, Panosteo, OCD, HOD, HO, Osteosarc
- 11 Lepto
- 12 Parvo
- 13 GDV
- 14 Rabies
- 15 **Optho:** Glaucoma, Uveitis, Proptosis, Cherry eye
- 16 Pancreatitis
- 17 Kennel cough
- 18 Megaesophagus
- 19 Ventricular tachycardia, PVC's
- 20 Cystitis/Cystic calculi

5 more I want to review

1. Tick-borne disease
2. Key Canine Tox- Eth glycol, Arsenic, Chocolate
3. Demodex
4. Eclampsia
- 5.



Feline Top 20

- 1 FeLV, FIV
- 2 Renal Failure, esp. chronic in elderly
- 3 Hepatic lipidosis/ icterus
- 4 **Endocrine:** Dia. mellitus, Hyperthyroidism
- 5 Cancer: lymphoma, mam tumors, SCC
- 6 Toxicity-Permeth, Acetaminophen, Eth glycol
- 7 Flea allergy
- 8 FUS disease
- 9 Rabies
- 10 Abscess
- 11 Toxoplasmosis
- 12 Injection site fibrosarcoma
- 13 Panleukopenia
- 14 Rhinotracheitis, calici, chlamydia
- 15 Eosinophilic skin disease
- 16 Ringworm
- 17 HCM
- 18 FIP
- 19 Fungal respiratory disease
- 20 Otodectes

More I want to review

1. Key Feline Tox- Eth glycol, Acetaminophen, Permethrin
2. Optho- Chlamydia, FIP uveitis, Corneal scratches
3. Feline Asthma
4. ? your choice
5. ? your choice



EquineTop 20

- 1 **Colic**
- 2 **Lameness**
- 3 Failure of passive transfer: (also neonatal isoerythrolysis, CID)
- 4 **Abortion:**
Upper Respiratory Viruses:
 - 5 (EIA, Eq. Herpesvirus, Eq. Influenza, rhinovirus)Lower Resp Disease:
 - (strep equi zooepidemicus) . Rhodococcus equi (foals) and pleuro-),
- 6 COPD, lungworm (Dictyocaulus arnfeldi)
- 7 Toxicity
Nasal discharge/epistaxis:
 - 8 Sinusitis: tooth root, ethmoid hematoma, GP mycosisExercise Intolerance/Noisy respiration:
 - 9 Laryngeal hemiplegia, (roaring), DDSP, epiglottic entrapment
- 10 Streptococcus equi equi (strangles)
- 11 Exertional Myopathies
- 12 Diarrhea
- 13 Tetanus
- 14 EEE, VEE, WEE
- 15 Flexural deformities
- 16 Septicemia in foals
- 17 Ulcers
- 18 Perineal lacerations
- 19 G-I parasites:
- 20 Atrial fib

6 to review/ make summary tables

1. Abortion DDX: Eq. herpes 1, Salmonella, Strep zoo, twins, fescue, caterpillar tox, mycotic, EVA, Lepto
2. Equine encephalitis DDX
3. Equine Neuro DDX (EPM, EDM, Wobblers etc)
4. **Lameness DDX:**
5. **Colic DDX:** Stress signalment:
6. **Toxicities:** ionophore, caterpillar, nonprotein nitrogen, cantharidin, fumonsin (moldy corn) Pyrrolizidine alkaloids, trees (red maple, black walnut, cherry)



Bovine Top 20

- 1 Bloat
- 2 Bovine Leukosis
- 3 **Abortion** and induction of abortion
- 4 BVD
- 5 **Calf Diarrhea** Emphasize age of onset
- 6 Omphalitis/Naval ill
- 7 Hardware disease
- 8 Polioencepalomalacia
- 9 Johne's
- 10 Ketosis
- 11 Displaced abomasum
- 12 Lumpy jaw and wooden tongue
- 13 Selenium, magnesium
- 14 Mastitis
- 15 Milk fever
- 16 Bovine Respiratory Disease Complex
- 17 **Clostridial Diseases**
- 18 **Vesicular dz**
- 19 Retained placenta, metritis, pyometra
- 20 Uterine Prolapse

5 more I want to review

1. Repro- Size of preg uterus at 45d, 60d, 90 d etc, How to use PGF2a,(when they come in heat, how to synch estrus)
2. Choke (DDX RABIES!!)
3. Mad Cow
4. Lameness
5. Toxicities/Nutrition (esp. Lead, PEM, Bracken fern, Urea, SENSITIVE to Xylazine)



Exotics Top 10

- 1 **Ferret**-Insulinoma, Hyperestrogen=aplastic anemia, Distemper kills
- 2 **Rat**- Mam gl tumors are B-9
- 3 **Hamster**-Wet tail (Lawsonia- intussusceptions), Maloccluded teeth
- 4 **Rabbit**: Chyletiella, Ear mites, Broken backs, ABX-induce clostrid overgrowth
- 5 **Reptiles**: Nut. 2nd Hyperparathy, Vit Defic, Mouthrot (snakes), Salmonella
- 6 Guinea pigs- Vit C defic (lame, SQ hemorrhages)
- 7 Psittacosis (Sneezing bird, yellow green urates) Rx Tetracycline ZOONOTIC
- 8 Cnemidoptes (budgies) Rx Ivomec, diluted in propylene Glycol 1:10
- 9 Birds Hypovitaminosis A
- 10 Unilat lame budgie, think renal tumor

Big 5-10 Chickens

- 1 Newcastle Disease
- 2 Fowl Cholera
- 3 Marek's Disease
- 4 Avian influenza
- 5 Coccidiosis
- 6 Inf. Bronchitis
- 7 Toxico infectious botulism
- 8 Inf Coryza
- 9 Inf laryngotracheitis
- 10 +/- West Nile

Big 5 Pigs

- 1 Neonatal diarrheas
- 2 Erysipelas
- 3 Hog cholera/Afr Sw fever
- 4 Trichinella
- 5 Atrophic rhinitis

Big 5 Small Ruminants

- 1 CAE
- 2 Cutaneous lymphadenitis
- 3 Orf/Contg. Ecthyma
- 4 Preg toxemia
- 5 Scrapie



5 Big Reportables

- 1 Vesicular dz DDX
- 2 Psittacosis
- 3 West Nile
- 4 Rabies
- 5 Av. Flu ? BSE ? Manges ?

Miscellaneous, but I know I'll see

Epidemiology: Sens, Spec, PVP, PNP

Horner's

Safe ABX in rodents/rabbits: "ETC"= Enroflox, Trimethoprim sulfa, Chloramphenicol"

Worth making a table:

Neonatal diarrheas (esp. Calves, Pigs)

Abortions (Mainly cattle, pigs)

Clostridial diseases (Tet, Bot, Anthrax, Blackleg, Cl. perfringens, Cl. difficile)

Endocrine Big 5 (Hyper/hypo adrenocort, Hyper/hypo thyroid, Dia. mellitus)

Top 10 Tox (maybe top 20, but don't go overboard)

Reportable Vesicular dzs (FMD, VS, BPS, Rinderpest, MCF, BVD etc See Pasquini Guide to Bov clin 4th ed. pp. 8,9)

Lameness DDX: Laminitis, navic. dz, abscess, thrush, peroneus tertius rupture, bowed tendon, stringhalt, sweeney, ringbone; nerve blocks

Colic DDX: Stress signalment:

Stallions: Scrotal hernias- esp in Standardbreds

Old horses: poor dentition can cause impactions, strangulating lipomas (small intestine), epiploic foramen entrapment

Broodmares- , uterine and large colon torsions, uterine artery rupture

Foals: gastric ulceration, meconium impactions, ruptured bladders (colts),

Weanlings- small intestinal impaction due to ascarids (Parascaris equorum)

Warmbloods - left dorsal displacement (phenylephrine)

Feeding coastal Bermuda grass hay: small intestinal impaction

Anoplocephala perfoliata infection: small intestinal impaction, intussusception

