

## **Pet Health Center Protocols for handbook (03.30.17)**

### **Vaccine protocol-Dogs**

- **DA2P** (Merial Recombitek C3)
  - Start at 6-8 weeks
  - Booster q 2-4 weeks
  - End 14-16 weeks
  - Booster 1 year later then q 3 years. Titers can be run to assess need for boosters.
  - Left shoulder
  - This protocol is good for any manufacturer's DA2P vaccine
- **Rabies** (Merial Imrab 3 used for all canine patients)
  - Need to be at least 12 weeks of age
    - Often wait and give with last DA2P or 2-3 weeks after DA2P series in small breed puppies
  - Booster 1 year later and then q 3 years
  - Right shoulder
  - If new owner can't provide proof of previous vaccine, then issue 1 year certificate only
  - Need to fill out city license form for those within city limits
- **Bordetella**
  - Use intranasal in majority of cases (Merck Intra Trac 3--Bordetella, CAV-2 and parainfluenza)
    - 3 weeks or older
  - Injectable (Zoetis Bronchicine--bordetella only)
    - Need to booster it in 2-4 weeks if have never had any previous bordetella of any type. Can booster with either form.
    - 8 weeks or older
    - Make a note where given in chart. No standard site.
  - Recommend every 6 months if boarding or otherwise interacting with other dogs on a frequent basis
  - Make sure every dog owner gets asked about risk for this disease
- **Leptospirosis (Zoetis Vanguard L4)**
  - 9 weeks or older (12 weeks is considered a better age to start by some experts)
  - Booster in 2-4 weeks, then annually
  - Only getting 1 injection of the series is not considered protective
  - If only had 2 serovar vaccines in the past, need to restart series with 4 serovar as no cross protection

- Left hip
- Make sure every dog owner gets asked about risk for this disease
- **Canine Influenza** (Merck H3N8, Zoetis H3N2 and Merck bivalent H3N8/H3N2)
  - 6 weeks or older
  - Booster in 2-4 weeks, then annually
  - Only getting 1 injection of the series is not considered protective
  - Given in right hip if Lyme vaccine not given, otherwise note site where given.
  - Some boarding facilities require one or both of these
  - No know cross protection between strains
- **Lyme** (Merial Recombitek Lyme)
  - 9 weeks or older
  - Booster in 2-4 weeks, then annually
  - Only getting 1 injection of the series is not considered protective
  - Right hip
  - We give this fairly frequently due to travel out of state
    - Make sure to inquire if will be traveling out of state to endemic areas

\*We don't recommend any of the other non-core vaccines.

### Vaccine protocols-Cats

- **FVRCP** (MLV intranasal, MLV injection, Killed injection, 1/2 ml Non-adjuvant killed + MLV injection)
  - Start at 6-8 weeks
  - Booster q 3-4 weeks
  - End ≥16 weeks
  - Booster 1 year later then q 3 years.
  - Use **Heska UltraGard** intranasal the most
    - Split dose between nostrils
    - Don't use if sneezing
  - **Zoetis Felocell 3** MLV injection used if any upper respiratory signs
    - Wipe any spilled vaccine off coat with alcohol as can cause mucosal ulcers with contact
  - **Boehringer Ingelheim** ½ ml dose Nonadjuvant killed + MLV FVRCP
    - Below right elbow
  - **Boehringer Ingelheim Fel-O-Vax PCT** killed vaccine
    - Immunocompromised patients
    - Pregnant
      - We do not recommend vaccinating pregnant queens
  - This protocol is good for any manufacturer's FVRCP vaccine. Titers can be run to assess the need for boosters.
- **Rabies** (Merial Purevax and Purevax 3)

- Must be  $\geq 12$  weeks
  - Low right hind (below stifle)
  - Must have had a previous rabies before using a 3-year vaccine protocol
  - There is a cost difference, 3 yr > 1 yr
  - If new owner can't provide proof of previous vaccine, then give 1 year vaccine
  - Need to fill out city license form for those within city limits
- **FelV (Merial Purevax)**
    - $\geq 8$  weeks
    - Booster in 2-4 weeks and then 1 year later
    - Annually for high risk cats
    - Every 2 years for low-moderate risk
    - Recommended for all kittens
    - Low left hind (below stifle)
- **Bordetella (Merck Nobivac Feline BB--intranasal)**
    - $\geq 8$  weeks
    - Single dose
    - Not generally recommended, but required for some boarding facilities
- **FIV (Boehringer Ingelheim Fel-O-Vax FIV)**
    - This vaccine was discontinued by the manufacturer Spring 2016
    - Can interfere with testing for at least 3 years.

\*No other non-core vaccines are recommended for use in cats

#### **Misc. vaccine information**

- Minimum interval is 2 weeks between vaccines to avoid interference.
- Max interval before needing to restart a series is 6 weeks.
- Max interval before having to restart annual vaccines (non-core) is 2 years for Leptospirosis and Lyme and 36 months for Canine Influenza.
- For immunocompetent dogs and cats (generally 20 weeks of age or older) you can either give only one vaccine when using a MLV or recombinant, or recommend a series of 2 for DA2P or FVRCP, as either is considered an acceptable option. We typically recommend a series of 2. They do need to have a booster 1 year later with either protocol before going to a 3 year protocol.

## Heartworm protocols

### Dogs

- SNAP occult or
- SNAP 4DX (occult HW, lyme, ehrlichia and anaplasma)
  - Price difference
  - Whole blood, plasma or serum
  - Start testing at  $\geq 7$  mo.
- Annual HWC **required**
  - 6 month recheck for those off preventive or inconsistent use (check purchases in Vetstar to verify)
  - Have reminder put in Vetstar for 6 month recheck if needed
- Options (recommend year-round preventive)
  - **Interceptor Plus** (HW, microfilaricidal, hooks, whips, rounds, tapes)---**Preferred**
  - **Heartgard Plus** (HW, hooks, rounds, slow-kill MF)
  - **Advantage Multi** (HW, hooks, rounds, whips, adult fleas, sarcoptic mange, microfilaria clearance)
    - Most costly
  - **Revolution** (HW, fleas, tick, earmites, sarcoptic mange, slow-kill MF)
    - Not usually recommended by the PHC for HW control
    - Used primarily for sarcoptic mange and earmites
    - $\geq 6$  weeks
  - We will authorize online prescriptions for these, or other products when requested

### Cats

- Annual testing not required
- Antibody test
  - Best for general screening for HW if can only afford 1 test
- SNAP Ag test typically only run when trying to prove a case of HW disease
- **Revolution** is recommended (HW, hooks, rounds, earmites, fleas, sarcoptic mange)
  - 8 weeks, 2 lb
- We will authorize online prescriptions when requested

## Flea/tick control

### Dogs

- **Frontline Plus** (still most popular, 3 pack only), fleas/ticks, topical, 8 weeks of age and 5#
- **Nexgard**, fleas/ticks, oral, \$\$, caution in seizure dogs, 8 weeks of age and 4 lb
- **Advantage Multi**, fleas only, \$\$\$, 6 pack
- **Scalibur collar**, fleas/ticks, 6 month duration, deltamethrin
- **Revolution**  $\geq 6$  weeks of age

- Not the best for fleas in some dogs and very poor for ticks
- Will authorize online prescriptions for the above, or other products, when requested

### Cats

- **Revolution**-better flea product for cats, no tick control, 8 weeks of age and 2 lb
- **Frontline Plus** (fleas/ticks), 8 weeks of age
- **Seresto collar**- flumethrin and imidacloprid, 8 month duration, fleas/ticks
- Will authorize online prescriptions for the above, or other products, when requested

\*\*Capstar available for both cats and dogs

### Fecal samples

- Recommend a minimum of 2 for puppies/kittens during vaccine series, 4 within the first year of life
- Minimum annual for adult dogs/cats
- Send cup with every annual and puppy/kitten exam
- Save back some feces in a small red top tube for additional testing (cytology, etc) if stool looks abnormal before sending it to diagnostic lab
- Please place a fecal instruction label, as well as a patient sticker, on the cup. Also put 2 large gloves in the cup and write the clinician's name on the cup as well.

### FeLV/FIV testing +/- Heartworm AG (feline triple test)

- Recommended for
  - All new cats to a household
  - Annually for outdoor or indoor/outdoor cats **or** indoor cats that live with indoor/outdoor cats
  - Chronic illness, regardless of a previous negative test

### Puppy series visits (use puppy template in Vetstar)

- First visit
  - Puppy folder to go home
    - Fill out vaccine booklet
  - Free bag of food if owner wants it
  - Fecal cup
- Every visit (complimentary)
  - Nail trim
  - Frontline Plus or Revolution
  - Interceptor Plus
  - Fecal cup as needed
- Last visit (recommend take home)
  - 6-12 months of heartworm prevention
  - Frontline Plus or Nexgard

- Any combination of amounts up to 1 years' worth

### **Kitten series visits (use kitten template in Vetstar)**

- First visit
  - Recommend FeLV/FIV testing
  - Kitten folder to go home
    - Fill out vaccine booklet
  - Free bag of food if owner wants it
  - Fecal cup
- Every visit (complimentary)
  - Nail trim
  - Revolution (if > 8 weeks)
  - Milbemite (if indicated)
  - Fecal cup as needed
- Last visit (recommend take home)
  - 6-12 months of Revolution
    - Frontline Plus or Seresto collar for tick control if needed

### **Additional info**

- Always get a copy of vaccines, etc. made for our records for new patients
- When calling another vet for info., not only get the dates of the last vaccines, but any previous ones so we know when to booster correctly. Ask for verbal confirmation and then have them fax the info. to us, otherwise it can take a long time to receive a fax and the appointment time may already be finished by the time it arrives. **Fax number: 785-532-4045**
  - Make sure to ask if the Lepto vaccine a dog received was 2 or 4 serovar, and if they received the 2 vaccine series at the start.
  - Ask when last HW test was and the result; what type, strength, when and how much HWP was sent.
- We have annual vaccine templates for dogs and cats, as well as templates for puppy/kitten visits, senior care package and a general template for sick/injured patients. You can tailor and make changes to a template so it is appropriate for each individual patient. If you enter the new weight into Vetstar first, then the weight on the discharge instructions will be the correct, current weight. If the weight is put in after bringing up the discharge instructions first, the weight listed in the discharge instructions will be the last recorded weight that had been entered into Vetstar in the past. It will not automatically update to the most current weight in the discharge instructions.
- Please record the weight in pounds in the discharge instructions as these are going home for the owner, not a referring vet. It's ok if it stays in kg for vet students, etc.
- On most days there are 2 drop off appointments per clinician as well as 6 other hourly appointments. On busy days we tend to overbook. Our schedule is very fluid, so check frequently for cancellations and add-ons.
- All drop off appointments must have history recorded in their records.
- Drop off appointments generally do not go home until 4:30 or later, so no guarantees are to be made about earlier pick-up times without consulting with the clinician assigned to the case first.

- When calling a client with lab results, it is best to tell them you have information for them and need to have them call you back. That way we can be sure they get the message and have an opportunity to ask any questions for clarification.
- When leaving a message asking a client to call you back, please have them call **785-532-5690**, which is the front desk main number. Do not give them one of the Pet Health numbers to call back as those phones are not answered 24-7.

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