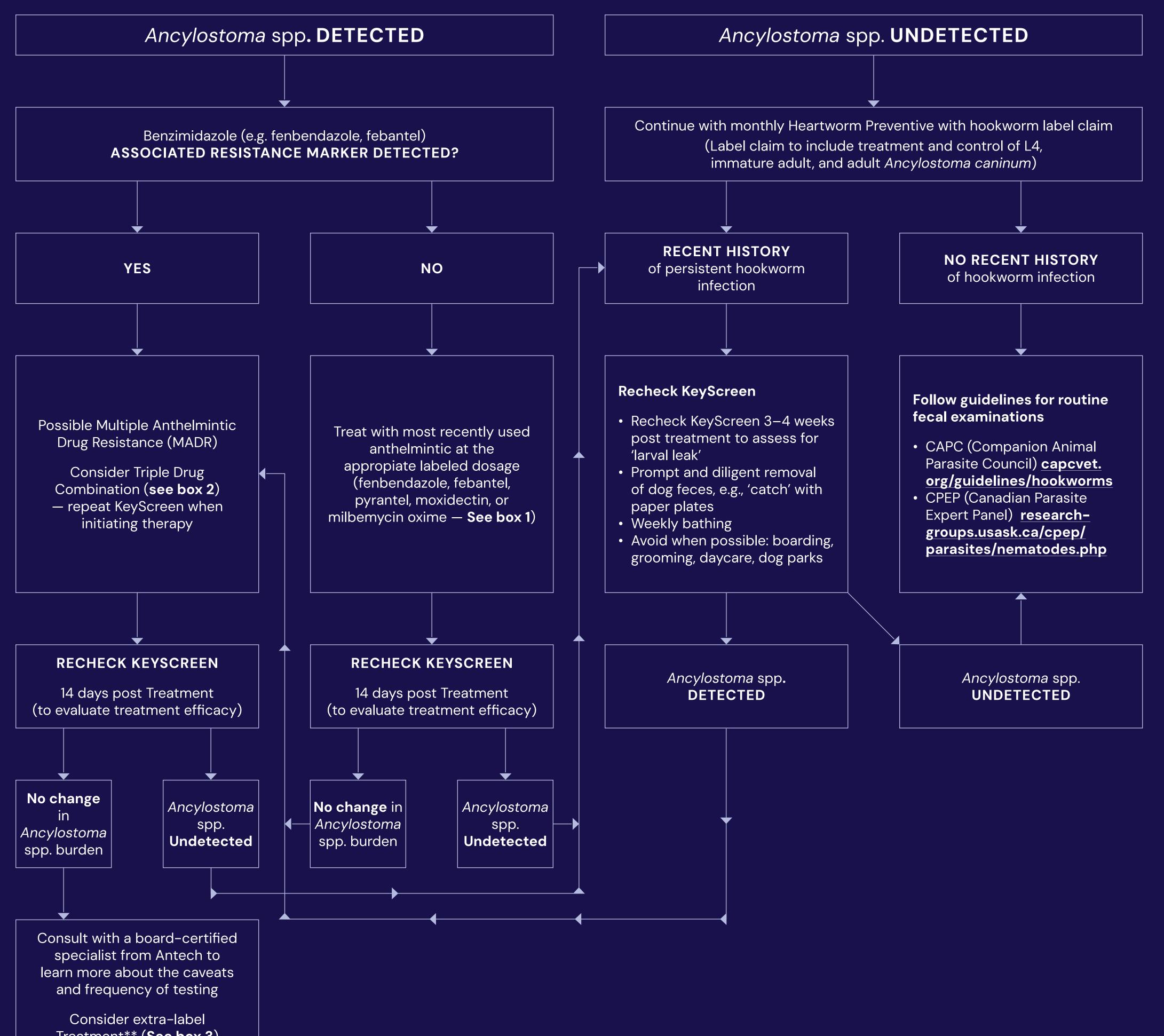
KeyScreenTM GI Parasite PCR Hookworm Algorithm

Clinical Decision-Making Workflow

Pet signalment, history (clinical, treatment), test results, risk, and pet-owner specific factors will inform individual case treatment decisions. Consideration should be given to appropriate antimicrobial use/stewardship and One Health.

Antech Consultation Services (1–800–872–1001, option 2) is available to provide case support.



RECHECK KEYSCREEN

in 3–4 months

1: Treatment

Antech

- Ensure pet-owner dosing according to your recommendations
- Promptly clean up dog feces.
- Collect a fecal sample for retesting exactly 14 days after treatment

800-872-1001

antechdiagnostics.com

2: Suggested Triple Drug Combination Protocols*

- Febantel (25 mg/kg PO)/pyrantel pamoate (5 mg/kg PO)/praziquantel (5 mg/kg PO)
 + moxidectin (2.5 mg/kg topical)**
- Fenbendazole (50 mg/kg PO once daily for 3 days) + pyrantel pamoate (5 mg/kg PO)
 + moxidectin (2.5 mg/kg topical)**

3: Considerations for Extra-Label Treatment

*Explain hookworm risks to the household, other people, and other pets to the owner.

- Obtain informed client consent for extra-label use.
- Emodepside is currently the only effective alternative for MADR
- Follow appropriate steps to ensure proper and safe administration.
- Oral administration of 1 mg/kg. *Dose accurately using a syringe as as far back in the mouth as possible.
- Note: Dogs infected with heartworms should not be treated with emodepside due to potential adverse drug effects related to its activity against heartworms.

Further Reading

*Hess L, et al, 2019. Combination anthelmintic treatment for persistent *Ancylostoma caninum* ova shedding in greyhounds. J Am Anim Hosp Assoc. 55(3):160–6.

**Castro J, et al, 2020. Persistent or suspected-resistant hookworm infections. Clinician's Brief. August, 61–68.

Veterinarians are responsible for diagnosis and treatment according to their clinical judgment and for compliance with local guidelines, and regulations. Consider individual patient factors and consult current veterinary drug formularies and standards of care.

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