

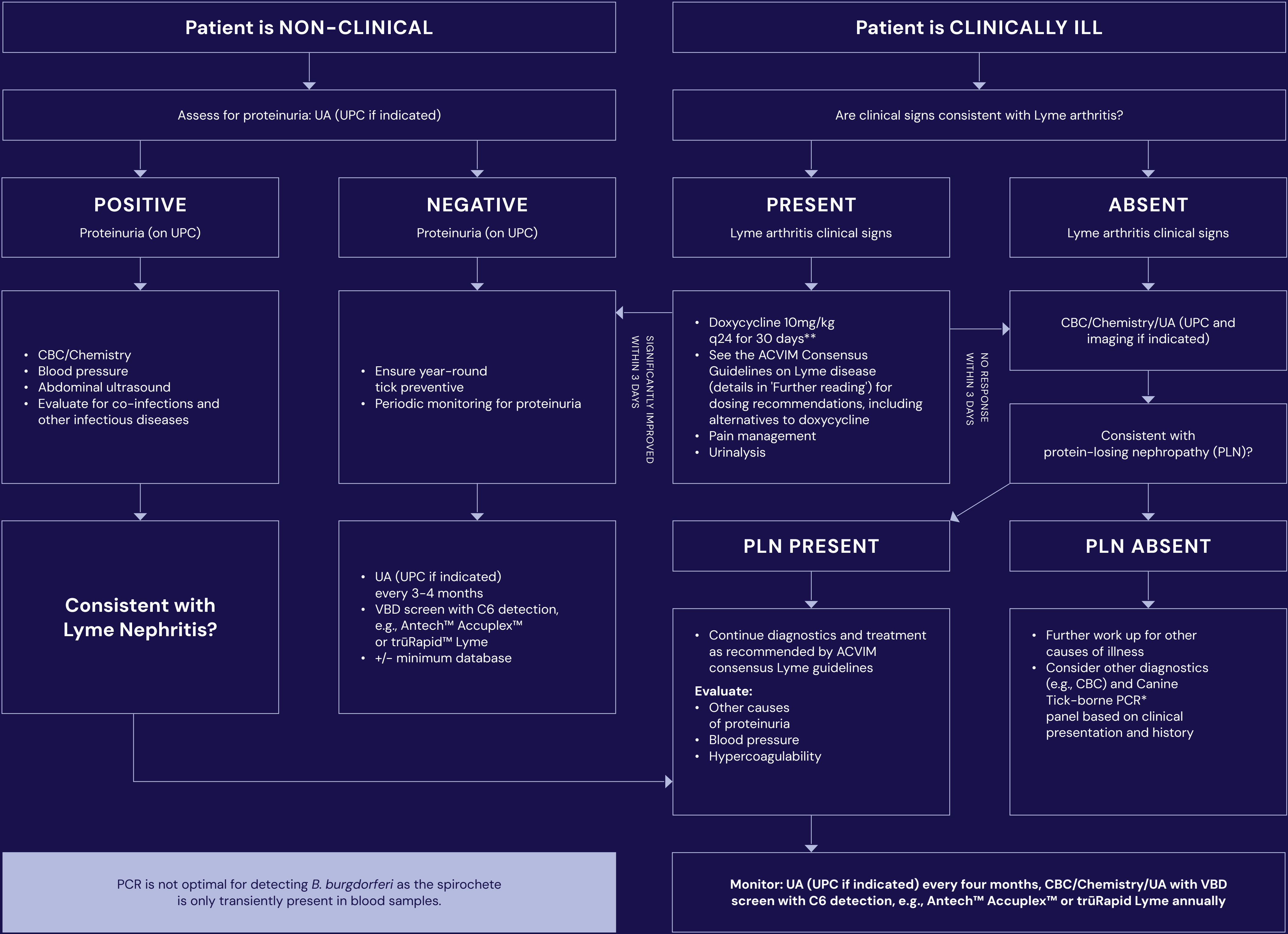
Antech™ Lyme Clinical Algorithm

Clinical Decision-Making Algorithm

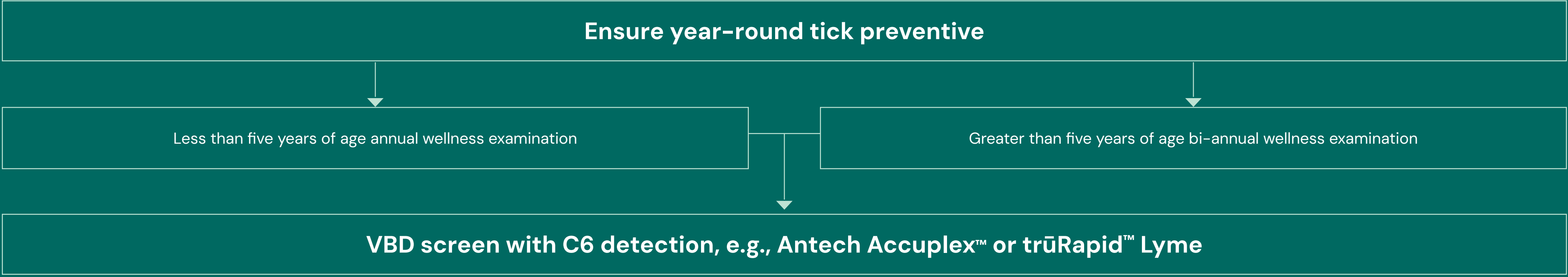
Pet signalment, history (clinical, treatment), test results, risk, and pet-owner specific factors will inform individual case treatment decisions. Consideration should be given to appropriate antimicrobial use/stewardship and One Health.

Antech Consultation Services is available to provide case support. 800-872-1001, option 2, us 800-341-3440, option 2, ca

Positive C6 (C6 antibodies detected)



Negative C6 Result



What Are the Implications of a C6 Antibodies Positive Test?

- Both Antech's Accuplex™ (reference laboratory) and trūRapid™ (in-hospital) Lyme tests include detection of patient antibodies to the C6 peptide.
 - The C6 peptide is only expressed by *Borrelia burgdorferi* following natural infection or host exposure. Therefore, a positive C6 result will not be reported from cross-reactivity with vaccinal antibodies.
 - A positive test indicates exposure to the causative agent of Lyme disease (*Borrelia burgdorferi*), not illness. Most dogs never get sick.
 - It is important to monitor for clinical signs such as lameness, joint swelling, fever, lethargy, and decreased appetite. Treatment is indicated in patients exhibiting clinical signs and/or renal proteinuria.
 - Follow the algorithm above.
- Recommended further reading:**
- CAPC Vet capcvet.org/guidelines/lyme-disease/
 - Littman, Meryl P et al. "ACVIM small animal consensus statement on Lyme disease in dogs: diagnosis, treatment, and prevention." *Journal of veterinary internal medicine* vol. 20,2 (2006): 422–34. doi:10.1892/0891-6640(2006)20[422:asacso]2.0.co;2