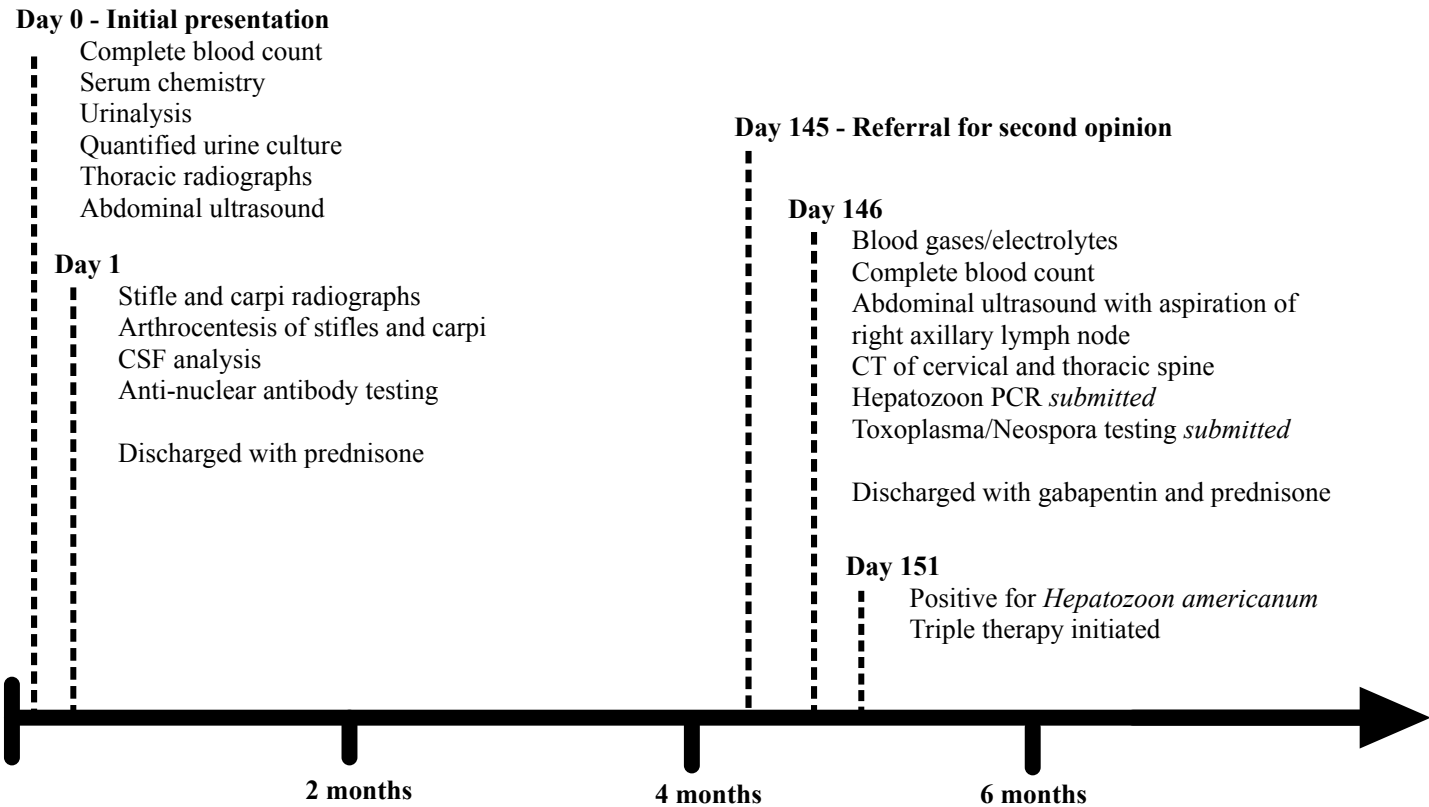
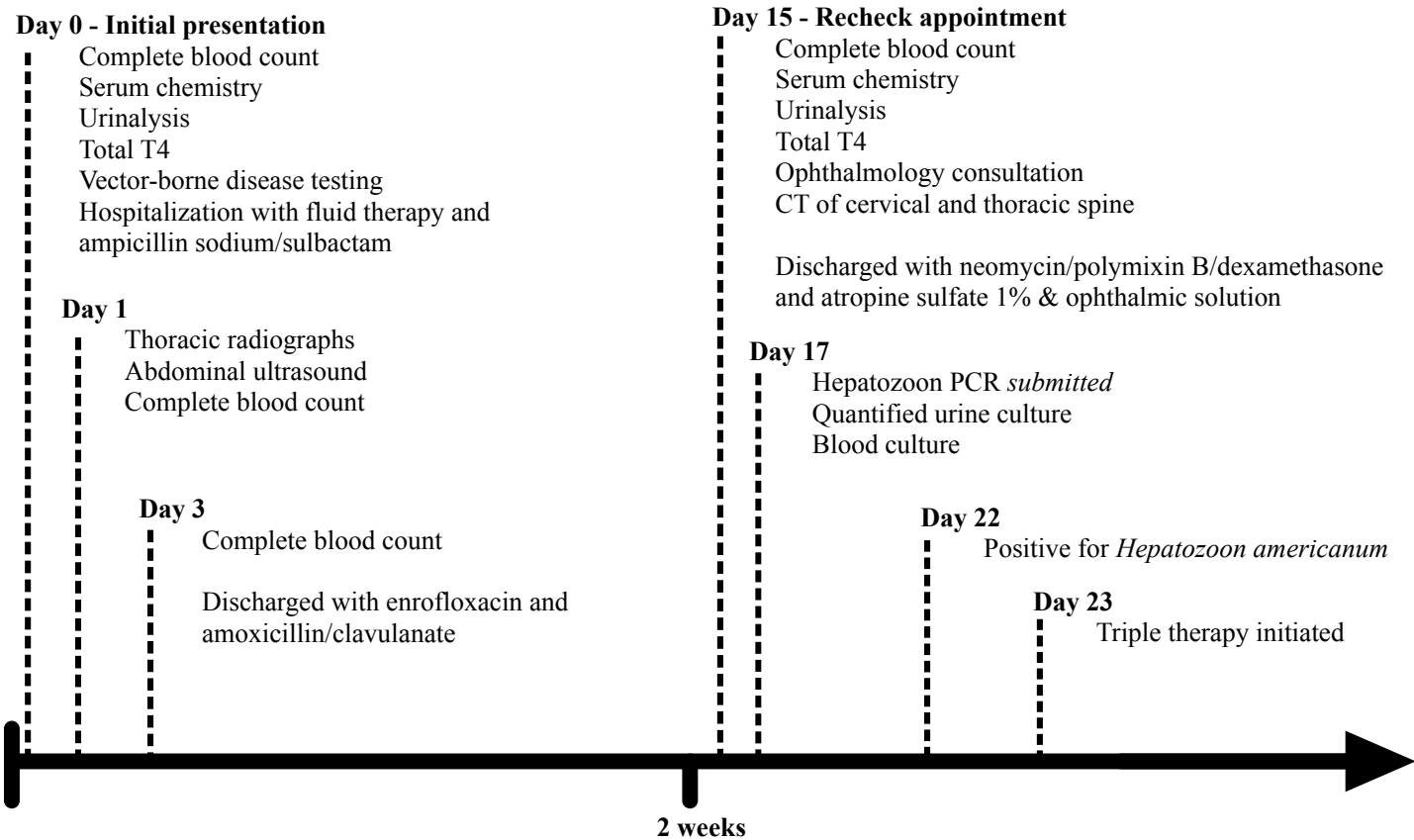


Figure S1. Timeline of diagnostic assessments and time to intervention for four dogs with American canine hepatozoonosis.

Dog 1



Dog 2



Dog 3

Day 0 - Initial presentation

Complete blood count
Serum chemistry
Urinalysis
Abdominal ultrasound
Thoracic radiographs
Cervical spinal radiographs

Discharged

Day 7 - Recheck appointment

CSF analysis
Visualization of Hepatozoon gamont
on blood smear
CT of head and cervical spine

Discharged
Triple therapy initiated

Day 9 - Emergency visit

Switched to toltrazuril sulfone after
hypersensitivity reaction to sulfa drug

1 week

Dog 4

Day 0 - Initial presentation

Point of care tick-borne pathogen test
Complete blood count
Serum chemistry
Urinalysis
Brucella IFA & AGID *submitted*
Thoracic and abdominal radiographs
Abdominal ultrasound
Fine needle aspirate of spleen, left
medial iliac lymph node, prostate
CT of thoracolumbar spine

Discharged on carprofen

Day 107 - Recheck appointment

Arthrocentesis of carpi and stifles
Serum C reactive protein testing *submitted*

Day 108

Complete blood count
Serum chemistry

Day 109

Bronchoalveolar lavage with cytology,
culture, and mycoplasma PCR *submitted*
Abdominal ultrasound
Pyelocentesis with cytology
CSF analysis
Hepatozoon PCR *submitted*

Discharged

Day 113

Positive for *Hepatozoon americanum*

Day 116

Triple therapy initiated

3 months

Abbreviations: CSF - cerebrospinal fluid, CT - computed tomography, PCR - polymerase chain reaction, IFA - immunofluorescent assay, AGID - agar gel immunodiffusion