

Diagnostic Imaging Report

Owner

Anderssen

Referring veterinarian

Medivet, Orrell park - Silvia Granauo

Patient

Montgomery : Dog Cross Breed

Male 2 years

CT Performed on Sep 20, 2018

by Sue Doyle

History

Suspect liver shunt.

Losing weight, bile acid stem test strongly positive.

Description

The study consists of 6 series of 2 mm thick transverse CT images of the abdomen and pelvis taken before and after IV injection of iodinated contrast medium.

On precontrast images, the liver is reduced in size. The gallbladder, pancreas, spleen, kidneys, adrenal glands, and urinary bladder have normal size, shape and attenuation. The prostate is enlarged but has homogeneous attenuation. No abdominal or pelvic lymph node enlargement is identified. The gastrointestinal tract has normal size and content. Surrounding skeleton is unremarkable.

On post-contrast images, slight irregular enhancement of the prostate is identified. The portal vein is of normal size. No abnormal communication is seen between the portal and systemic venous systems.

Conclusion

Microhepatia with no evidence of a porto-systemic shunt. Prostatomegaly.

Pr. Paul Barthez , DACVR, DipECVDI

Phone : +352 621 35 22 98

e-mail : paul.barthez@gmail.com

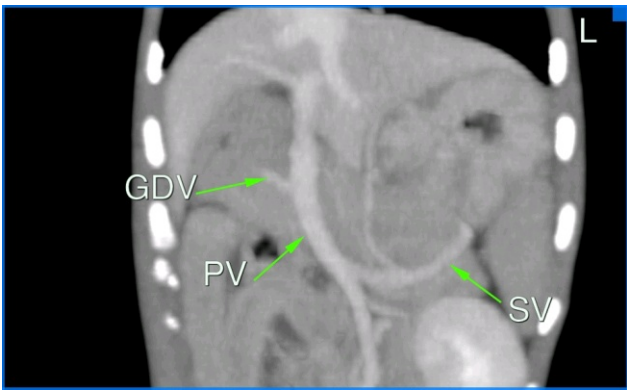


Fig.1 : Post-contrast dorsal reconstruction of the abdomen showing a portal venous system (PV:portal vein; SV: splenic vein; GDV: gasroduodenal vein).

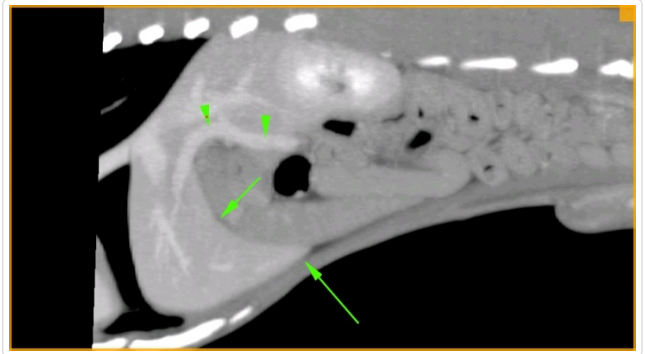


Fig.2 : Post-contrast dorsal reconstruction of the abdomen showing a small liver (arrow) and the portal vein (arrowheads).

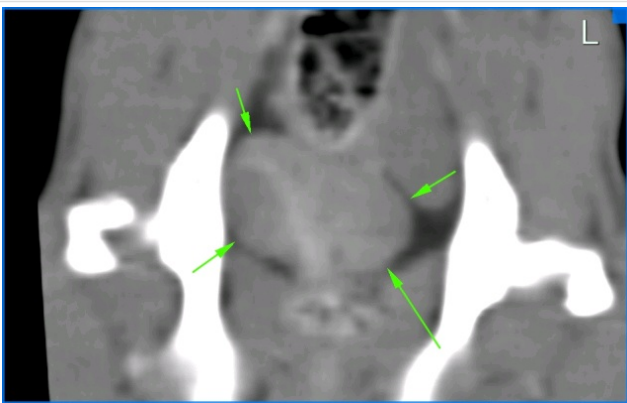


Fig.3 : Post-contrast dorsal reconstruction of the caudal abdomen showing the prostate (arrows).