



**Dr. G. C. Negi College of Veterinary and Animal Sciences,
CSKHPKV Palampur, Himachal Pradesh-176062**



CASE REPORT

BILATERAL NEPHROCALCINOSIS, SPLENIC TUMOUR & ADRENAL TUMOUR IN A DOG (LYMPHOMA)

Jitender Singh, Deepti Sharma, Adarsh Kumar, Deepti Bodh, Amit Kumar, SP Tyagi, Rohit Kumar

Department Of Veterinary Surgery and Radiology

Signalment & Anamnesis

Signalment

- ❖ Registration no: Ca-3612-2024
- ❖ Species: Canine
- ❖ Breed: German Shepherd
- ❖ Body Weight: 35 Kg
- ❖ Age: 10 Years
- ❖ Sex: Male

Anamnesis

Animal was presented with history of inappetence, lethargy and weight loss from past 20 days.. Urination normal. Animal passing black colored stools from past 2 days. Previously treated for pulmonary edema at SKUAST Jammu.

Clinical Examination

- ❖ General Status: Active
- ❖ Mucus Membrane: Pink
- ❖ Rectal Temperature: 101°F
- ❖ Heart/Pulse Rate: 124bpm
- ❖ Popliteal LN: Enlarged
- ❖ Submandibular LNs: Enlarged
- ❖ Prescapular LNs: Enlarged
- ❖ Haemoprotozoa: Negative
- ❖ Patient Status: Intact

Hematobiochemical Examination

Parameter	Unit	Value	Parameter	Unit	Value
TLC	10 ⁹ /L	55.92	ALT	U/L	70.08
TEC	10 ¹² /L	3.73	AST	U/L	35.07
HGB	g%	9.6	ALKP	U/L	196.55
PCV	%	26.8	Bilirubin	mg%	0.27
MCV	fl	71.8	Protein	g%	5.69
MCH	pg	25.6	BUN	mg%	42.07
MCHC	g/dl	356	Glucose	mg%	110.28
PLT	10 ⁹ /L	188	Creatinine	mg%	0.70
Lymphocyte	%	0.9			
Monocyte	%	3.7			
Granulocyte	%	95.4			
Eosinophil	%	0.0			

- ❖ Fine needle cyto-pathological findings: Lymphoma (Aggressive)

Ultrasonographic Observations



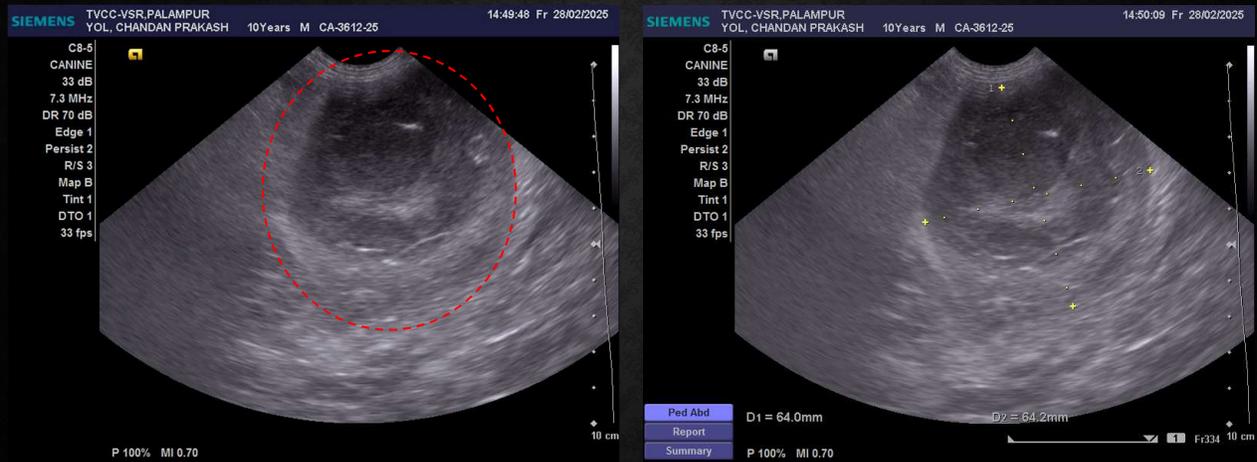
Interpretation: Both kidneys showing normal renal cortex but CMJ showing multiple echogenic foci with strong acoustic shadowing suggestive of Bilateral Nephrocalcinosis.

Ultrasonographic Observations



Interpretation: Heterogenous mass along with multiple anechoic pockets of maximum size 1.69cm seen in the region of left adrenal gland and pancreas suspected for adrenal or pancreatic tumor !!

Ultrasonographic Observations



Interpretation: A heterogenous mass of max size 6.4 x 6.4 cm seen in mid body of the spleen suspected for splenic tumor.

Treatment Followed

Initial Treatment

- Inj DNS 500 mL x 2 x iv x 5 days
- Inj Intacef Tazo 562.5 mg x 2 x iv x 5 days
- Inj Pantop 40 mg x iv x 5 days
- Inj D-25 200ml x iv x 5 days
- Inj Ascorbic Acid 10 mL x iv x 5 days
- Inj K-Stat 2ml x iv x 5 days
- Inj Otroy 4ml x iv x 5 days
- Inj Decainstabolin 25mg im stat

Lymphoma Treatment (Week-1)*

- Inj Vincristine 0.7 mL CRI in 100 mL NSS
- Inj Ascorbic Acid 10 mL x iv
- Inj DNS 500 mL x 2 x iv
- Inj Intacef Tazo 562.5 mg x 2 x iv
- Inj Pantop 40 mg x iv

❖ Treatment Advised:

- Tab Vayclav 625 mg @ 1 tab x po x bid x 1 week
- Tab Prednisolone 10mg @ 4 tabs x po x oid x 1 week
- Tab Pantop 40 mg @ 1 tab x po x oid x 1 week
- Syp aRBC Pet @ 10ml x po x bid x daily x 1 month

** Same treatment followed for next 11 weeks*

** Animal Collapsed 6 weeks after the last treatment.*

