

EXHIBIT 1

Part 10 of 14

1 ♀ BORN 6-27-77

1
D TO BLEED
Control

E.Y.

acc. # 77-789

HMR 935402

Comparative Pathology Report Form
A. J. CARLSON ANIMAL RESEARCH FACILITY
University of Chicago

ID # <u>90977007908</u>	MODE: C D E F M N P Q <u>R</u> S T	ACC. NO. <u>77-790</u>
Accts# <u>0001630116</u>	AGE: NB I YA <u>AD</u>	
User: <u>OLSVARSON</u>	SEX: <u>(M)</u> F C S U H	
	ROOM: <u>FMI</u>	<u>Hemat C</u>

Supporting Studies:	Specimen:	Copy to CM
<input type="checkbox"/> Micro <input type="checkbox"/> Photo	<input type="checkbox"/> Live Animal	Copy to user
<input type="checkbox"/> Paras <input type="checkbox"/> EM	<input checked="" type="checkbox"/> Carcass	Phoned
<input checked="" type="checkbox"/> Hemat <input type="checkbox"/> U/A	<input type="checkbox"/> Fresh Tiss.	Indexed
<input type="checkbox"/> Sp St <input checked="" type="checkbox"/> Chem	<input type="checkbox"/> Fixed Tiss.	

PRELIMINARY DIAGNOSIS:

COMMENTS:

12-29-77 ordered rec'd, 1-4, 6, 8, 12

[Signature]
 Prosector _____ Date _____
 FINAL DIAGNOSIS:

Ward R. Riebel 3-3-78

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LAB REPORTS

TISSUE LIST		DICTIONARY GUIDE
✓	adipose	EXTERNAL APPEARANCE: hair, eyes, skin, nodes, extremities, rigidity, lividity, scalp, nares, perineum
✓	adrenal	
✓	aorta	PERITONEAL CAVITY: fat, fluid, adhesions, position of organs, hernias
✓	bladder	PLEURAL CAVITIES & MEDIASTINUM: fluid, lung expansion, widening of med.
✓	bone	HEART & VESSELS: size, fat, color, smoothness of endo & epicardium, chambers, cordae tend., pap. mus., hemorrhages, thrombi, valves, thickenings, coronary arteries
✓	brain	RESPIRATORY TRACT: nasal cav., sinuses, larynx, trachea, lung consist., crepitation, pleural surfaces, cut surfaces
✓	caecum	
✓	colon	ALIMENTARY TRACT: oral cav., sal. glands, pharynx, esophagus, stomach, intestine, colon, anus, contents, serosa, mucosa, scars, Peyer's patches, mesenteric surface, vessels, nodes
✓	diaphragm	LIVER: size, shape, color, surface, consistency, veins, arteries
✓	duodenum	
✓	esophagus	BILIARY SYSTEM: patency, size, contents, serosa, mucosa, wall, color
✓	eye	PANCREAS: weight, color, consistency
✓	ear (mid)	URINARY TRACT: kidney--shape, wt., surface, size of cortex, contents of pelvis, arteries, veins, fat; bladder, urethra & ureter--contents, mucosa, serosa, patency
✓	gall bladder	GENERATIVE ORGANS: prostate, semin. ves., testes, epididymes, vagina, uterus, fall. tubes, ovaries--size, shape, surface, content
✓	gonad	
✓	heart	SPLEEN: size, color, consistency, cut surface, shape
✓	ileum	LYMPH NODES: superficial, mediastinal, periaortic, portal pelvic, mesenteric; TONSILS, THYMUS: size, color, consistency
✓	jejunum	BONE MARROW: ribs, vertebra, sternum; color, consistency
✓	kidney(s)	
✓	larynx	ENDOCRINE GLANDS: pituitary, thyroid, parathy., adrenals; symmetry, size, color, nodules
✓	liver	BONES, JOINTS, SYNOVIA: shape, size, contents
✓	lung	SKELETAL MUSCLES: symmetry, color, fibrosis, measure if a/hypertrophic
✓	lymph node	HEAD: scalp, galea, calvarium
✓	mammary gland	BRAIN: CSF, color, consistency, dura, vessels
✓	med. l. node	SPINAL CORD: dura, contents of space
✓	mes. l. node	SPECIAL GROSS OBSERVATIONS: speculations, deduced conclusions
✓	muscle	
✓	pancreas	LABORATORY DETERMINATIONS:
✓	parathyroid	MICROBIOLOGY: blood, organs, exudate, pul. nodes, CSF, stool, urine
✓	pituitary	PARASITOLOGY: fecal flotation
✓	prostate	SEROLOGY:
✓	saliv. gland	VIROLOGY:
✓	sciatic n.	HISTOLOGIC ADJECTIVES: mild, moderate, severe, generalized, diffuse, focal, multifocal
✓	semin. ves.	
✓	skin	<i>Lungs, bowel, bladder perfused</i>
✓	spinal cord	
✓	spleen	<i>mediastinal tissues = 1 5</i>
✓	stomach	
✓	trachea	
✓	thymus	
✓	thyroid	
✓	tongue	
✓	tonsils	
✓	ureters	
✓	urethra	
✓	uterus	
✓	vagina	
PK		

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NECROPSY REPORT

Post mortem interval: 55 to 70 min ♂

Weight: 122 (9) kg

ORGAN: OBSERVATION

ORGAN	OBSERVATION
✓ = W.N.L.	
• ADRENALS	✓ R. 0.0001g, L. 0.0002g
AORTA	✓
BLADDER	✓
BONE	✓
• BRAIN	✓ 0.9308g
CAECUM	✓
COLON	✓
DUODENUM	✓
ESOPHAGUS	✓
EYE	✓
GALL BLADDER	✓
• GONADS	✓ R. 0.2530g, L. 0.2328g
• HEART	✓ 0.4147g
ILEUM	✓
JEJUNUM	✓
• KIDNEYS	✓ R. 0.3237g, L. 0.3338g
• LIVER	✓ 3.56g
• LUNG	✓ 1.0206g
LYMPH NODE	✓
MES. NODE	✓
MUSCLE	✓
OPTIC NERVE	✓
PANCREAS	✓
PERIPHERAL NERVE	✓
? PINEAL	✓ too small to weigh
PROSTATE	✓
SALIVARY GLAND	✓
SEMINAL VESICLE	✓
SKIN	✓
SPINAL CORD	✓
• SPLEEN	✓ 0.0400g
STERNUM	✓
STOMACH	✓
TRACHEA	✓
THYMUS	✓
THYROID	✓
TONGUE	✓
UTERUS	✓

*Trace of free blood in
pleural cavity.*

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cont'd p. 6

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HISTOPATHOLOGIC EVALUATION

TISSUE: OBSERVATION

TISSUE	OBSERVATION
✓ = W.N.L.	
ADRENALS	—
AORTA	—
BLOODER	—
BONE	—
BRAIN	✓
CAECUM	✓
CULSA	✓
DUODENUM	✓
ESOPHAGUS	✓
EYE	✓
GALL BLADDER	✓
GENADS	—
HEART	✓
ILEUM	—
JEJUNUM	—
KIDNEYS	✓
LIVER	✓
LUNG	✓
LYMPH NODE	—
MES. NODE	✓
MUSCLE	✓
OPTIC NERVE	—
PANCREAS	✓
PERIPHERAL NERVE	—
PITUITARY	—
PROSTATE	—
SALIVARY GLAND	✓
SEMINAL VESICLE	—
SKIN	✓
SPINAL CORD	—
SPLEEN	—
STERNUM	✓
STOMACH	✓
TRACHEA	✓
THYROID	✓
TONGUE	—
UTERUS	—

small section
shattered section

small section

5 lobes

% cellularity difficult to estimate, m/e ≈ 3/2

Tissues were not fixed or embedded well. Missing tissues occurred because entire block was unsuccessfully cut to obtain section. Cause of technical failure not known.

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HISTORY AND CLINICAL SUMMARY

ID #	Date _____	<input checked="" type="checkbox"/> Euthanized _____
Acct. #	Found dead _____ am pm <u>11</u>	_____
User	Last observed _____ am pm <u>11</u>	_____

D.N.A.

CLINICAL DIAGNOSIS:

Clinician

HMR 935407

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- cont'd p. 6

AM670222041

AM-ITC 01006708

77-790

CONTINUATION PAGE

History Necropsy Histopath Comments

History Necropsy Histopath Comments

HMR 935408

PROJECT LOGBOOK

23249

subject Continuation of Clinical Chemistry Determination Date 11/22/77 & 11/23/77
for S-Hemostatic for the Equine Athlete Signature George L. Lurie

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		A*	B	C	D*	E	F	G	H	
HEMATOLOGY	Treatment Date	A1B1/11-161								
	Day in Study	11B1/17-191								
	HCT (%)	11H/20-231								
	HGB (G %)	R1H/24-271								
	RBC (10 ⁹ /CUMM)	R1H/28-311								
	WBC (10 ⁹ /CUMM)	R1H/32-351								
	RET (% RBC)	R1H/36-391								
	Platelets (10 ⁹ /CUMM)	11H/40-431								
	D.H. %	Neut. I	11H/44-451							
		Neut. M	11H/46-471							
		Lympho.	11H/48-491							
		Eosino.	11H/50-511							
Baso.		11H/52-531								
Mono.		11H/54-551								
Cells Observed (# 100)		11H/56-581								
NRBC/100 WBC		11H/59-601								
BLOOD CHEMISTRY	BUN (MG %)	11B1/20-231								
	BS (MG %)	11B1/24-271								
	BSP (% RET/15 MIN)	11B1/28-311								
	AP (I.U.)	11B1/32-351								
	SGOT (I.U.)	11B1/36-391								
	SGPT (I.U.)	11B1/40-431								
	PT (SEC)	R1B1/44-471								
	Creatinine (MG %)	R1B1/48-511								
	Bilirubin T	R1B1/52-551								
	(MG %) D	R1B1/56-591								
	Na (MEQ/L)	11B1/60-631								
	K (MEQ/L)	R1B1/64-671								
	Ca (MEQ/L)	R1B1/68-711								
	Cl (MEQ/L)	R1B1/72-751								
	Mg (MEQ/L)	R1B1/76-791								
Sequence within day	11B1/801									
Weight (KG)	R1H/61-651									
Sequence within day	11H/751									
Temperature	R1H/76-801									

X - denotes dublicately run sample
 * - denotes slightly clotted sample

HMR 935409

Read and Understood by me _____ Signature George L. Lurie Date 11/23/77

TO / All the about
control c

12-1 SEPT-1977 TO BLEED
E. YANG

acc. # 77-790

HMR 935410

AM670222044

AM-ITC 01006711

Comparative Pathology Report Form
A. J. CARLSON ANIMAL RESEARCH FACILITY
University of Chicago

ID # 8908 90977007917	MODE: C D E F M N P Q (R) S T	ACC. NO. 27-791
Acct # 80001630116	AGE: NB I YA (AD)	
User GOLDWASER	SEX: (M) F C S U H	
	ROOM: FMI	Hamites D

Supporting Studies:	Specimen:	Copy to CM
<input type="checkbox"/> Micro <input type="checkbox"/> Photo	<input type="checkbox"/> Live Animal	<input type="checkbox"/>
<input type="checkbox"/> Paras <input type="checkbox"/> EM	<input checked="" type="checkbox"/> Carcass	Copy to user <input type="checkbox"/>
<input checked="" type="checkbox"/> Hemat <input type="checkbox"/> U/A	<input type="checkbox"/> Fresh Tiss.	Phoned <input type="checkbox"/>
<input type="checkbox"/> Sp St <input checked="" type="checkbox"/> Chem	<input type="checkbox"/> Fixed Tiss.	Indexed <input type="checkbox"/>

PRELIMINARY DIAGNOSIS:

COMMENTS:

12-29-77 ordered rec'd
#7 + #9 ok
Find testis slide

James P. Apple, D.V.M.

 Prosector Date

FINAL DIAGNOSIS:

Wood R. Richter 3-3-78

 Pathologist Date

HMR 935411