



Atlantic Street Pet Emergency Center
1100 Atlantic Street
Roseville, CA, 95678
Ph: 916-783-4655
Fax: (916) 783-7916
Email: pec.staff@ethosvet.com

Client Details

Name Sullivan, Laureen A.
Address

Phone(s)

Patient Details

Name Jack
Species Canine
Breed Jack Russell Terrier
Age 8 years 1 day
Sex Male Neutered

Date: 08-11-2022

Attached please find the patient referral for Jack Sullivan

Dear Auburn Pet Clinic,

Thank you for referring Jack and his guardian to Atlantic Street Pet Emergency Center. We are dependent on your partnership to provide the utmost quality of medicine so we appreciate you entrusting us with your client and patients. Please find a summary of our findings, diagnostics, treatments and follow-up care we have performed and recommended. If you have any questions, concerns, and need additional information, please do not hesitate to contact us.

Sara Rose BVMS

History

08-10-2022 7:17:22am, Sara Rose BVMS

Presenting complaint: Attacked by an animal, suspect dogs next door through the fence.
Current History: Owner found him recumbent this morning
Any vomiting, diarrhea, coughing or sneezing? No v/d/c/s/w
Change in appetite? Normal
Change in thirst or urination frequency? Normal
Current on vaccines? UTD
Any recent travel outside of this area? None
Activity/Energy level: Normal
Previous medical history: Has otherwise been healthy
Diet: #INPUT#
Current medications: #INPUT#

Health Status

Date/Time	Weight (kg)	Temp(°F)	Heart Rate	Respiratory Rate	CRT	MM	Attitude Notes
08-11-2022 12:00:00am		98.5	110	30		1-2 sec Pink	



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08-10-2022 11:00:00pm			30			
08-10-2022 10:00:00pm	98.1	160	50	1-2 sec Pink		
08-10-2022 9:00:00pm			40			
08-10-2022 8:00:00pm						Temperature = sx Pulse = sx Resp. rate = sx MM = sx CRT = sx Weight = sx
08-10-2022 7:00:00pm						Resp. rate = sx
08-10-2022 6:00:00pm						Resp. rate = sx
08-10-2022 5:00:00pm			60			
08-10-2022 4:00:00pm	99.8	110	60	1-2 sec Pink		
08-10-2022 3:00:00pm			60			
08-10-2022 2:00:00pm			50			
08-10-2022 1:00:00pm			80			
08-10-2022 12:00:00pm	99.7	90	80	1-2 sec		MM = Muddy
08-10-2022 11:00:00am			36			
08-10-2022 10:00:00am			35			
08-10-2022 9:00:00am						Resp. rate = pant
08-10-2022 7:00:00am	10.50	101.0	130	1-2 sec Pale Pink	QAR	Resp. rate = shaking

Physical Exam

08-10-2022 8:48:04am, Sara Rose BVMS

Temperament: Shocky
Hydration: Euhydration
Eyes: No significant findings
Ears: No significant findings
Nose: No significant findings
Oral Cavity: **Abnormal;** moderate dental tartar and periodontal disease
Neck and Thyroid: No significant findings
Lymphatic: No peripheral lymphadenopathy
Cardiovascular: Normal heart rate, sinus rhythm, no murmurs. Strong and synchronous pulses bilaterally.
MM color: pale
CRT: 2 sec
Respiratory: Normal respiratory rate and effort. Auscultation of lungs - No significant findings.
Abdominal: Soft and nonpainful. No palpable masses, organomegaly or fluid wave noted
Musculoskeletal: **Abnormal;** severe degloving injury RTL. Severe lacerations over dorsal neck, R medial thigh, R axillary region
BCS: 5/9
Urogenital: No significant findings
Mammary: No significant findings
Integumentary: **Abnormal;** Severe wounds and degloving injuries
Neurological: **Abnormal;** Non-ambulatory x 4. Shiff Sherrington posture. Deep pain positive both hindlimbs. Absent Cp's pelvic limbs
Rectal: No significant findings



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Assessments

08-10-2022 8:50:04am, Sara Rose BVMS

severe lacerations, degloving injury RPL
Suspect spinal injury - schiff sherrington posture. Deep pain positive

Plans

08-10-2022 2:26:24pm, Sara Rose BVMS

Patient was triaged and given 0.2mg/kg methadone IV. Given a 20ml/kg bolus LRS. Degloved limb was irrigated with copious amounts of sterile saline, then a soft padded bandage was placed.

Discussed with owner there are severe injuries and I am concerned for a spinal injury. Recommended hospitalization, diagnostics and initial cleaning/bandaging of the wounds. Discussed concern that an amputation may be necessary due to the severity of wounds. Owner was presented with an estimate for stabilization and OK'd.

3mcg/kg dexmedetomidine was given IV to facilitate diagnostics

Diagnostics

- 1) CBC/chem/lytes: CBC: wnl. Chem: Glu 193, AST 65, GGT 22, TBil 1.6
- 2) lactate 6.4

Treatment plan:

LRS at 50ml/hr (2x Maintenance)
Fentanyl CRI at 3mcg/kg/hr - increased to 4mcg/kg/hr
Cerenia 1mg/kg IV q24
Carprofen 4.4mg/kg SC q24

Serial vitals, see treatment sheet
NPO

Recheck lactate: 2.0

Sedated with 7mcg/kg dexmedetomidine, 0.2mg/kg midazolam and all wounds were flushed and cleaned. Bandages placed. Reversed with antisedan, uneventful recovery from sedation.

Potential transfer to Marqueen for surgical assessment to see if bandage changes are a possibility for long-term management.

Transfer to Dr. Rabinowitz for continued care

Prognosis: Guarded

Sara Rose, BVMS



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Diagnostic Result

08-10-2022 11:35:49pm, Jean Rabinowitz DVM
Electrolytes - Jean Rabinowitz DVM (Ref: US563-DR137216)

Clinic Notes / Specifics

Chemistry-137216001-2022-08-10T23:36:00
Electrolytes
Chem

Result Date: 2022-08-10T23:36:00

Test	Results	Unit	Lowest Value	Highest Value	Qualifier
BUN	12.0	mg/dl	9.0	29.0	
CRE	0.5	mg/dl	0.4	1.4	
BUNCreaRatio	24.0				
Na	146	mEq/l	141	152	
K	2.9	mEq/l	3.8	5.3	
Cl	106	mEq/l	102	120	
NaKRatio	50				

08-10-2022 10:20:14am, Sara Rose BVMS
Lactate Meter (In House) - Sara Rose BVMS (Ref: US563-DR137129)

Test	Results	Unit	Lowest Value	Highest Value	Qualifier
Lactate	2.0				

08-10-2022 9:01:54am, Sara Rose BVMS
Radiographs - Trauma (up to 5 views) - Sara Rose BVMS (Ref: US563-DR137113)

Outcome

Radiographic Findings

Cervical region and forelimbs: lateral views are provided. Subcutaneous emphysema is present dorsal to the cervical region cranial thoracic spine. Cervical spinal abnormalities are not defined. There is multiple site spondylosis in the cranial thoracic spine. There is marked soft tissue swelling associated with the right forelimb, especially in the elbow region, through the antebrachium and into the foot. There is subcutaneous and deeper gas dissection associated with marked skin surface irregularity, consistent with the described degloving. There is fracture of the mid diaphysis of the 5th metacarpal bone.

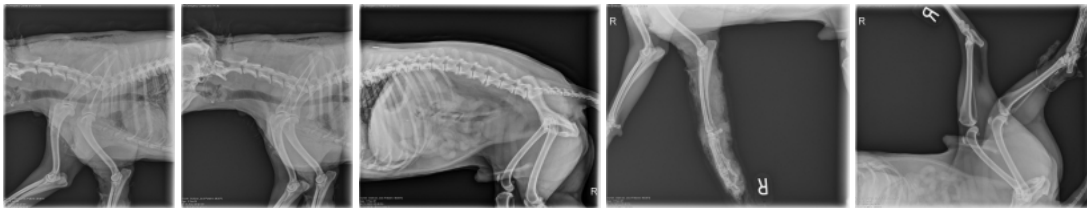
Abdomen: a lateral view is provided. Detail is satisfactory. Abdominal visceral abnormalities are not defined, although the G.I. tract appears near empty. There is moderate spondylosis at L4-L5, with mild spondylosis at the LS junction. Evidence of caudal body trauma is not identified.

Hind limb survey: a lateral view is provided. The stifle joints and long bones appear normal. Tarsal region abnormalities are not defined.

Conclusion

Subcutaneous emphysema in the cervical and cranial thoracic region. Spinal trauma is not identified. Severe soft tissue injury associated with much of the length of the right forelimb with evidence of a fracture of the mid diaphysis of the 5th metacarpal bone. Abdominal visceral abnormalities are not defined. Evidence of caudal body trauma is not defined. Hind limb abnormalities are not identified on the provided views.

Steve Harnagel, DVM, DACVR



Imaging Online Viewable External Link:

<http://ethos.vetrocket.net/view.html?link=p2fLDgLOBgu9rvrit1mTqvmMC3vPzd0XlJmUnl4XlJqUms41mtG5ns4XmdG4mdaXnJK2mj0mtiWmdi3ote4mje4mta3odi5otuZntGZmtKGDt0YmZCGyZ0YmdiYlta4lteX>

08-10-2022 8:20:57am, Sara Rose BVMS

CBC, CompPlus Panel - Sara Rose BVMS (Ref: US563-DR137106)

Outcome

Result Notes: *Corrected Calcium is only valid for dogs which are greater than 6 months old

Clinic Notes / Specifics

Chemistry-137106002-2022-08-10T08:15:00

CompPlus Panel

Chem

Result Date: 2022-08-10T08:15:00

Test	Results	Unit	Lowest Value	Highest Value	Qualifier
BUN	15.6	mg/dl	9.0	29.0	
CRE	0.9	mg/dl	0.4	1.4	
BUNCreaRatio	17.3				
IP	4.8	mg/dl	1.9	5.0	
Ca	9.4	mg/dl	9.0	12.2	
CorrCa	9.5	mg/dl	9.0	12.2	
TP	6.4	g/dl	5.5	7.6	
ALB	3.4	g/dl	2.5	4.0	
GLOB	3.0	g/dl	2.0	3.6	
AlbGlobRatio	1.1				



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Test	Results	Unit	Lowest Value	Highest Value	Qualifier
GLU	193	mg/dl	75	125	
TCHO	156	mg/dl	120	310	
ALT	37	U/l	0	120	
AST	65	U/l	0	60	
ALP	29	U/l	0	140	
GGT	22	U/l	0	14	
TBIL	1.6	mg/dl	0.0	0.5	
vAMY	575	U/l	100	1500	
vLIP	29	U/l	0	225	
Mg	1.7	mg/dl	1.5	2.4	
TG	118	mg/dl	30	130	
Na	147	mEq/l	141	152	
K	4.2	mEq/l	3.8	5.3	
Cl	110	mEq/l	102	120	
NaKRatio	35				
EstOsm	299	mOsm/kg			

08-10-2022 8:06:45am, Sara Rose BVMS

CBC, CompPlus Panel - Sara Rose BVMS (Ref: US563-DR137106)

Clinic Notes / Specifics

Hematology-137106001-2022-08-10T06:58:11

CBC

CBC

Result Date: 2022-08-10T06:58:11

Test	Results	Unit	Lowest Value	Highest Value	Qualifier
WBC	5.65	10 ³ /uL	6.00	17.00	
NEU#	3.74	10 ³ /uL	3.62	12.30	
LYM#	1.41	10 ³ /uL	0.83	4.91	
MON#	0.28	10 ³ /uL	0.14	1.97	
EOS#	0.21	10 ³ /uL	0.04	1.62	
BAS#	0.01	10 ³ /uL	0.00	0.12	
NEU%	66.2	%	52.0	81.0	
LYM%	24.9	%	12.0	33.0	
MON%	4.8	%	2.0	13.0	
EOS%	3.8	%	0.5	10.0	



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Test	Results	Unit	Lowest Value	Highest Value	Qualifier
BAS%	0.3	%	0.0	1.3	
RBC	6.55	10 ⁶ /uL	5.10	8.50	
HGB	15.9	g/dL	11.0	19.0	
HCT	44.2	%	33.0	56.0	
MCV	67.4	fL	60.0	76.0	
MCH	24.3	pg	20.0	27.0	
MCHC	36.1	g/dL	30.0	38.0	
RDW-CV	14.3	%	12.5	17.2	
PLT	282	10 ³ /uL	117	490	
MPV	9.4	fL	8.0	14.1	

08-10-2022 8:02:20am, Sara Rose BVMS

Lactate (Nova) - Sara Rose BVMS (Ref: US563-DR137107)

Test	Results	Unit	Lowest Value	Highest Value	Qualifier
Lactate	6.4	mmol/L	0.3	2.0	

In Clinic Notes

08-10-2022 11:55:40pm, Jean Rabinowitz DVM

Assume patient care at 6 PM.

S:

Jack is hospitalized for day 1 of care for trauma .

Jack was under anesthesia for wound care and bandaging at the beginning of shift.

O:

Sedate, hydration and perfusion adequate

Bandage over right thoracic limb and cranial trunk/neck, and on pelvic limb extremities.

Corneas and sclera clear, no ocular or nasal discharge, ears clean, adult dentition with moderate tartar

Regular sinus rhythm, no murmur, MM pale, CRT 1 sec, FPs fair and synchronous

Eupneic, no stertor or stridor

Abdomen tense

BCS 5/9, recumbent

Mentation dull/sedate, menace and PLRs present

PLN < 1 cm

A:

Diagnosis:

Trauma, severe degloving and crushing right thoracic limb, neck, and distal pelvic limbs.

Prognosis:

Guarded. Risk of tissue devitalization and necrosis is high. Neurologic status of the right forelimb is uncertain. Reperfusion injury and



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rhabdomyolysis and renal injury is also a risk.
Amputation may be warranted.

Plan:

Labs:

BUN 12
Cre 0.5
Na 146
K 2.9 (L)
Cl 106

Imaging:

Medication:

Unasyn 472 mg IV q 8 hrs
Ondansetron 10.5 mg IV q 12 hrs
Cerenia 10.5 mg IV q 24 hrs

Pain Management:

Fentanyl 5 mcg/KG/Hr CRI
Carprofen 42 mg SC q 24 hrs

IVF:

Normosol R qs 40 meq/L KCL 40 ml/hr

Nutrition:

NF until 8 am

Additional Support:

Recumbent care- turn q 1 hrs
Bandage change q 24 hrs

5 am update:

Transfer care at 6 am to Dr.

JRabinowitz, DVM

 Therapeutic / Procedure

08-10-2022 10:00:00pm, Jean Rabinowitz DVM

Catheter Placement, Intravenous

Specifics

Invoiced 846467



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08-10-2022 8:00:00pm, Jean Rabinowitz DVM
Pain Management (Per Shift)
Specifics

Invoiced 846467

08-10-2022 5:00:00pm, Sara Rose BVMS
Bandage, Full Leg/Body
Specifics

Invoiced 846467

08-10-2022 4:00:00pm, Sara Rose BVMS
Wound Cleaning
Specifics

Invoiced 846467

08-10-2022 2:08:52pm, Sara Rose BVMS
Blood Pressure - Indirect Single Value
Specifics

cuff #3 rpl

Outcome

139/104 map 120 hr 163
160/111 map 130 hr 120
179/129 map 143 hr 132

average

159/114 map 131 hr 138

08-10-2022 8:32:00am, Sara Rose BVMS
Blood Pressure - Indirect Single Value
Specifics

Size #5 Cuff RLR



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156/106 MAP 123 BPM 130
160/99 MAP 129 BPM 131
156/101 MAP 116 BPM 126
156/103 MAP 126 BPM 128

08-10-2022 8:00:00am, Sara Rose BVMS
Bandage, Full Leg/Body
Specifics

Invoiced 846467

08-10-2022 8:00:00am, Sara Rose BVMS
Wound Cleaning
Specifics

Invoiced 846467

08-10-2022 7:00:00am, AS Hospital
Catheter Placement, Intravenous
Specifics

Invoiced 846467

08-10-2022 7:00:00am, AS Hospital
Ultrasound - Point of Care
Specifics

Invoiced 846467

Medication

Date/Time	Drug Name	Qty	Instructions	Prescribed By
08-10-2022 11:00:00pm	Ampicillin/Sulbactam Inj 3gm (Per mL)	15.75		Jean Rabinowitz DVM
08-10-2022 11:00:00pm	Fentanyl Citrate Inj 50mcg/mL (Per mL)	12		Jean Rabinowitz DVM



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08-10-2022 10:00:00pm	Ondansetron Inj 2mg/mL (Per mL)	5.25		Jean Rabinowitz DVM
08-10-2022 9:00:00pm	Atipamezole HCl Inj (Antisedan) 5mg/mL (Per mL)	0.15		Jean Rabinowitz DVM
08-10-2022 6:25:27pm	Fentanyl Citrate Inj 50mcg/mL (Per mL)	6		Sara Rose BVMS
08-10-2022 4:00:00pm	Dexmedetomidine Inj (Dexmedesed) 0.5mg/mL (Per mL)	0.15		Sara Rose BVMS
08-10-2022 4:00:00pm	Midazolam HCl Inj 5mg/mL (Per mL)	0.42		Sara Rose BVMS
08-10-2022 3:00:00pm	Ampicillin/Sulbactam Inj 1.5gm (Per mL)	10.5		Sara Rose BVMS
08-10-2022 8:00:00am	Fentanyl Citrate Inj 50mcg/mL (Per mL)	8		Sara Rose BVMS
08-10-2022 8:00:00am	Maropitant Citrate Inj (Cerenia) 10mg/mL (Per mL)	1.05	Exp:	Sara Rose BVMS
08-10-2022 8:00:00am	Dexmedetomidine Inj (Dexmedesed) 0.5mg/mL (Per mL)	0.06		Sara Rose BVMS
08-10-2022 7:00:00am	Methadone Inj 10mg/mL (Per mL)	0.21		AS Hospital
08-10-2022 7:00:00am	Ampicillin/Sulbactam Inj 1.5gm (Per mL)	10.5		Sara Rose BVMS
08-10-2022 7:00:00am	Normosol-R pH 6.6 - Fluids 1000ml (Per Bag)	1		Sara Rose BVMS

Case Description

Patient Information

Patient name: Sullivan Jack
Owner: Laureen Sullivan
Species: Canine
Breed: JRT
Age: 8y

Case Information

Created: 08/10/2022 9:21:11am
Modified: 08/10/2022 9:34:34am
Clinic: Atlantic
Clinician: Rose
Patient ID: 483870
Sex: MN
Images: 5

History

Suspect attacked by dogs through a fence. Non-ambulatory x 4, schiff sherrington posture. Deep pain positive x 4, absent CP's x 4. Severe degloving injury RTL. Severe lacerations to medial RPL, lacerations to dorsal neck, chest.

Report

Radiographic Findings

Cervical region and forelimbs: lateral views are provided. Subcutaneous emphysema is present dorsal to the cervical region cranial thoracic spine. Cervical spinal abnormalities are not defined. There is multiple site spondylosis in the cranial thoracic spine. There is marked soft tissue swelling associated with the right forelimb, especially in the elbow region, through the antebrachium and into the foot. There is subcutaneous and deeper gas dissection associated with marked skin surface irregularity, consistent with the described degloving. There is fracture of the mid diaphysis of the 5th metacarpal bone.

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Conclusion

Subcutaneous emphysema in the cervical and cranial thoracic region. Spinal trauma is not identified. Severe soft tissue injury associated with much of the length of the right forelimb with evidence of a fracture of the mid diaphysis of the 5th metacarpal bone. Abdominal visceral abnormalities are not defined. Evidence of caudal body trauma is not defined. Hind limb abnormalities are not identified on the provided views.

Steve Harnagel, DVM, DACVR | 916-554-0599 | VMI@RemedyView.com
08/10/2022 9:34:34am

Radiology Report powered by Remedy View