

Rounds

Animal Health
Department

Medical Rounds

"medicine for all"



Caring for Stranded Marine Animals

NATIONAL
MARINE
L I F E
CENTER

Notes

Veterinary Research
Department

Under the microscope

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Rounds Notes is a report on the health of animals at the National Marine Life Center from Sea Rogers Williams VMD for the staff, volunteers, and community of the center including professionals involved the captive care of similar species, the views expressed are not necessarily that of NMLC. Information in Rounds Notes should be considered confidential and used solely to benefit the health of aquatic animals everywhere.

October 14, 2014 *Rounds Notes* seals=2, sea turtles = 0, turtle = 13 29: 169-172 (2014)

Headline News: Two new sickies

late season weanlings

Harbor Seals : Kennedy NMLC 14-030PPv
nasal discharge, face wounds, possible
separated mandibular symphysis

female wt=13.3 kg, SL= 89.5 cm, BS=3/5

stranded:10-14-14 , NH; admit: 10-14-14

last blood:;10-14-14

last rads: pending

Fecal:pending

1) Fluids, 250 ml LRS SQ BID

2) Meloxicam 0.1 mg/kg IM SID

3) PPG 2 cc IM SID, Amoxicillin 250 mg PO BID 7 d

4) wound care



Harbor Seals : Scout NMLC 14-029 PPv
nasal d/c, wounds

male wt= 15.1kg, SL= 87.5cm, BS=

stranded:10-10-14 ; admit 10-10-14

last blood:10-14-14

last rads: 10-12-14, 10-14-14

Fecal:10-14-14 + Pseudoternaova +++ (no larva)

1) wound care

2) Amoxicillin 250 mg PO BID

3) 0.05cc ivermectin 1% each nostril once



Harbor Seals : Keenen 14-017 PPv,
SIRS, multi-organ failure, abscess,
ulcers, pneumonia (no worms)

male: wt= 9.7kg, SL=78cm, BS=1/5

stranded: NH 8/25/14; admit 8/25/14; died 8/26/14, necropsy 8/27/14

Cause of Death: respiratory failure

Manner of Death: natural, unknown etiology

Pending histopathology



Harbor Seals : Makensi 14-018 PPv,
respiratory failure, verminous pneumonia,
nasal mites, lice, thorny headed worms,
and gastric nematodes

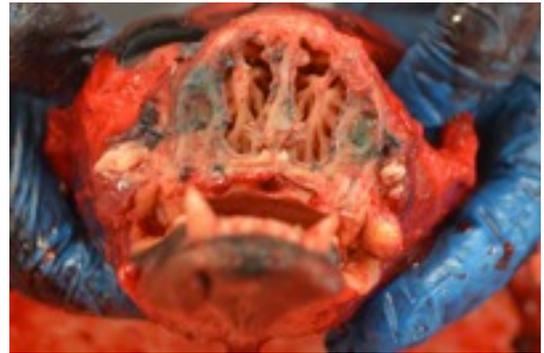
female: wt= 10.1 kg, SL=84 , BS=1/5

stranded: NH 9/12/14 admit 9/13/14; died 9/15/14, necropsy 9/16/14

Cause of Death: respiratory failure

Manner of Death: natural, unknown etiology

Pending histopathology



Harbor Seals : Midway 14-027 PPv,
verminous pneumonia, wounds

female wt= 12.3 kg, SL=86 cm, BS=2/5

stranded: Cape Cod Canal 9/19/14; admit 9/14/19, died 9/27/14,
necropsy 9/28/14

Cause of Death: respiratory failure

Manner of Death: natural, unknown etiology

Pending histopathology



Harbor Seals : Elise 14-028 PPv,
verminous pneumonia, wounds, left hind

female wt= 12.3 kg, SL=86 cm, BS=2/5

stranded: 10/3/14; admit 10/3/14, died 10/4/14, necropsy 10/4/14

Cause of Death: respiratory failure

Manner of Death: natural, unknown etiology

Pending histopathology



Red Bellied Cooters: 14-019-026 TPr

The newly hatched cooters arrived this week, results of physical exams, cute-as-button, also no abnormalities found. Plan is standard head-start following Mass WildLife protocols.



Under the Microscope : Harbor seals as Hosts

Here is the common suite of parasites we have in our Harbor seal weanlings. How good are you at matching them up ?

Lungs

Otostrongylus circumlitus

Paraflorides gymnurus

Gastrointestinal

Corynosoma wegneri

Pseudoterranova decipiens

Diphyllobothrium cordatum

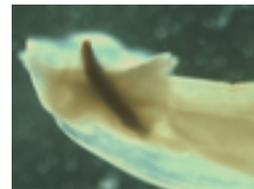
Cryptocotyle lingua

Skin

Echinophthirius horridus

Nasal

Halarahne halichoeri



Diamondback Terrapins:

14-002TMc 'Olf'

Confiscated, designated non-releasable carapace lesions, metabolic bone disease (SNHPTism), ulcerative skin disease

wt=144.5 g, SCL=8.6 cm, SCW=6.8 cm

PE: Still finding soft and necrotic material under scutes and a deformed shell and blistering and fissures in the 'bridge' area. Despite long term antibiotic therapy, shell care and improved husbandry since coming to the NMLC Olf is still in trouble, but gains weight.

TX:

- 1- betadyne soak of carapace 5min then flush PRN
- 2- SSD ointment
- 2- oral calcium glubinate 23mg/kg PO SID 30 d



Diamondback Terrapins:

14-003TMc 'Sid'

shell disease and anorexia

wt=164 g, SCL=9.5 cm, SCW=7.8 cm

Last Blood:9/2/14: WNL Last Rads:

PE: To add insult to injury, Sid got his back leg stuck in the drain (right hind) which caused swelling and bruising but no palatable fractures, or neurological dysfunction. With the tube feeding he is finally gaining weight.

TX:

Once a day:

force feed 3-6 cc of veggie baby food + liquified Reptomin® via oral garage tube + oral calcium betadyne soak to carapace followed by SSD ointment

Ceftazadime 22 mg/kg IM q3d



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