

Rounds
Animal Health
Department
Medical Rounds
"medicine for all"



**NATIONAL
MARINE
LIFE
CENTER**
Caring for Stranded Marine Animals

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.

March 5, 2013

Rounds Notes

8: 26-28(2013)

HeadHeadlines News: **Towsend** **hanging out**

Towsend is in a holding pattern. We are waiting for a formal report on the CT findings and word from NOAA on the best course of action. A whitish thick LEFT aural discharge is still seen on occasion, but otherwise Towsend "looks" fine, here he is looking at me. No discharge was seen today.



Clinical Update: **Pickel** **MBD +**

Meds: vit D3, compd 1000iu/ml

Dose 400iu/kg IM q 7 day 3-4 treatments.

wt = 64 g, Dose 0.02cc 2iu (u-100) IM q7day

Calcium (360 mg/ml) Give 0.01cc (1iu) orally daily

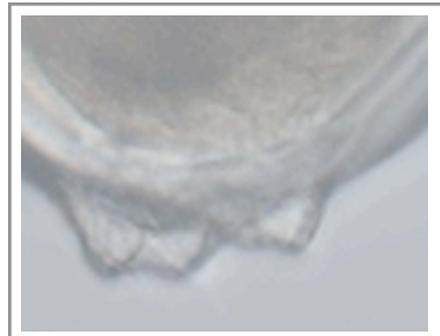
We can stop the force feeding as Pickels is now eating on his own, and more mobile in the tank, I might be convinced to be cautiously optimistic, but it is very early in this case still.



UNDER the Microscope: Tissue Worm Trifid or Trifib: *Dipetalonema odendhali*

tissue filariad of Calf Sea Lions

It's the trifid caudal tip that tipped me off to the identification of this tissue filarid of Calf Sea Lions. While not thought to be pathogenic, they do produce microfilaria, which might lead the rash to diagnose heart worm. Not only does it not cause heartworm it does not cause elephantitis not elephant-seal-itis, although it does infect fur seals. The vector of *D. odendhali* is not known.



Sea Turtles: Topsy 20

resolving cold-stun

CC: resolving oral lesions

Last Blood: 2/13/13 check LDH

Last Rads: 2-6-13

wt=2.9kg, HR=52 SCL=25.0, SCW=23.6

No change in the inactive oral spots, there is a superficial scab on the left neck, and Topsy was crazy today PE other WNL



Sea Turtles: Gerald 21

flipper tip lesions

CC: flipper tip lesions

Last Blood: 1-10-13, increased ALKP, monitor UA, LDH

Last Rads: 1-16-13 repeat flipper tips

wt= 5.2 kg, HR=48, SCL=31.5, SCW=29.0

front flipper tips are minimally active L=R, almost healed, great improvement is noted, other PE WNL



Sea Turtles: Betsy 22

rash and skin lesion

CC: rash and circular neck lesion, flipper tip lesions

MEDS:

Last Blood: 1-10-13, improving

Last Rads: 1-23-13, repeat flipper tips,

wt= 4.5 HR=52, SCL=29.1, SCW=26.7

circular neck marking unchanged, rash is resolving other PE WNL.



Sea Turtles: 'wild' Walter 23

post cold stun infection ?

CC: inflammatory response

Meds: on hold

Last Blood: 2-6-13, decreasing WBC (14), LDH, GLOB,

Last Rads: 1-31-13 WNL (needs horz. lat)

wt= 5.1 HR=48, SCL=32.0, SCW=31.0

PE: minor right sided marginal scute scuffs could be bites or mouthing, not significant, PE other WNL



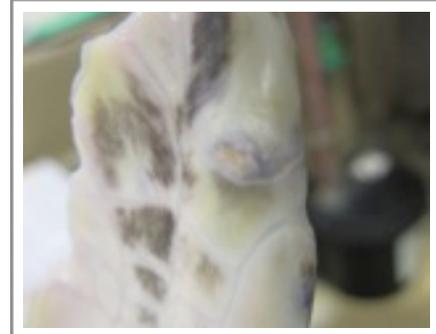
Sea Turtles: Carolyn 24**flipper tip lesions**

CC: flipper tip lesions resolved MEDS: none

Last Blood: 2/13/13, CBC-WNL, CP mild tissue enzymes improving but mild elevation, monitor UA at 1.1, watch Ca

Last Rads:

wt= HR= 40, R front flipper tip lesion, L has healed, BAR, no lesions

**Sea Turtles: Phoenix 25****resolving cold-stun**

CC: resolved left peri-ocular minor trauma

Last Blood: 2/13/13:

Last Rads: Due

HR=40, BAR

no lesions

**Sea Turtles: Ernest 26****rash**

CC: active flipper tip lesions

Last Blood: 1-10-13, improving

Last Rads: 1-9-13, phlange autolysis 2-5-13

wt=2.9kg, HR=40, SCL=24.7, SCW=23.3 depth 10.5

Mild but active flipper tip lesions slowing resolving, and slight rash R axilla

**Sea Turtles: Papi 27**

CC: head wound. MEDS: d/c Ceftaz 3/5/13

Last Blood: 2/13/13: WBC improved and WNL, ALKP and CK elevated other tissue enzymes decreasing

Last Rads: today

wt=3.9 kg HR=56, SCL=28.1, SCW=25.9

bite wound to head healing (SSD applied), minor R FF tip lesion, also mild red area to R lower rhamptotheca, also resolving, making good progress



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