Headlines News: Icabod squinty

Icabod was released on 12/11/13 @10:30am, weight = 26.5 kg, length = 96.5 cm

Good luck, good vision, good hunting, and be well be free.

Under the MicroScope:

Steller examples of Tapeworm diversity

Thanks to our friends at the Washington State Department of Fish and Wildlife, Marine Mammal Investigations for sending some very nice samples. Three different tape worms were identified. Using our recently created host key for the Steller sea lion and cestodes we were able to identify all the samples:

The first and largest and best know cestode of the Steller sea lion is *Diphyllobothrium pacificum*, the large size (>25 cm in length, 0.8 cm width) and scolex was important in the ID. The next was a much smaller with a scolex without a point, but a diviot. I need to confirm the two pores in each segment but this specimen is likely *Diplogonoporus violettæ*. Lastly, only a fragment from the mid-body of a mature tape worm was presented, but with the characteristic single round gonadopore to one side, consistent with the genus *Anophryocephalus*, and of the representative species of this genus found in the Steller sea lion, only *A. ochotensis* is >1 mm in width and this specimen is 1.19 mm maximum width. Once again we see the theme, that even with fragments of specimens, it is often possible to identify the parasites.
Sea Turtles: #31
fractured Left TIB/FIB, possible pneumonia
wt=1.8 kg, SCL=21.7, SCW=19.5, TPR=72.3, 48, 4, BS = 2/5
CC: strand 11/9/13 Orleans, left carapace instability, bilateral lung lesions, skull lesions, dysphagia
Last Rads:12/3/13:
Last Blood:11/25/13
CBC =WNL; iStat =WNL need CP
carapace instability, fractured and swollen left hind, exposed dermal bone on left hind marginal scutes, abrasions swelling and plastron lesions sill significant, ventral rash
A: still unstable fracture and turtle is very active
TX:
1-15ml LRS SQ SID
2- ceftazidime 22 mg/kg IM q3d
3- vit B1, sea tabs, and calcium (oral)
4- meloxicam, 0.1 mg/kg IM q3d

Sea Turtles: #32
smallest sea turtle, sunken
wt=1.5 kg, SCL=19.9, SCW=19.0, TPR=74.8, 40, 1 BS = 2/5
CC: strand 11/13/13 Brewster
Last Blood: 12/3/13
CBC = WNL (monitor low normal PCV)
HIGH: ALKP, LDH, CHOL, GLU, UA
LOW: ALB, TP, ALT, PCV (low normal)
Last Rads:11/16/13 mineral density in coelum
sunken appearance, plastron bruising, very small turtle
small Left nuchal skin/carapace lesion, minor head lacerations
A: improved, looking good
TX:
1- fluids, 10 ml LRS SQ EOD
2-switch from oxytex to ceftazidime 22 mg/kg IM Q3 d
3- vit B1, sea tabs, and calcium (oral)
4- SSD daily
**Sea Turtles:** #33- Gage  

pneumonia, skin separation at nuchial area, flipper tip lesions RIGHT  
wt=3.7 kg, SCL=28.9, SCW=27., TPR=73.5, 40, ?, BS = 2/5  
CC: strand 11/13/13 Brewster,  
Last Blood:12/3/13  
HI: ALKP, CK, LDH (8347), CHOL, GLU, UA  
LOW: ALB, BUN, TP, ALT, PCV (22%)  
Last Rads:11/16/13-ovoid gas in LEFT coelum, small mineral densities, BI pattern cranial lungs bilateral  
Skin separation at neck skin to carapace bilateral, RFF tip lesion, L elbow lesion, L hind minor abrasions, eating well, mild rostral lesion. Severe RIGHT front flipper tip lesion. Watch nose.  
Right axilla red/hyperemia, ulcers on head behind eyes  
TX:  
1-switch from oxytex. to ceftazidime 22 mg/kg IM Q3 d  
2- vit B1, sea tabs, and calcium (oral)  
3- SSD to wounds daily, after clean with chlorhexiderm  
4- EOD fluids LRS SQ

**Sea Turtles:** #34  
possible pneumonia, skin abrasion  
wt=2.0 kg, SCL=22.5, SCW=21.0, TPR= n/a, 44, 2, BS = 2/5  
CC: strand 11/13/13 Brewster, R eye + corneal ulcer  
Last Blood:11/25/13:  
HI: WBC, ALP, CK, GLU, UA, , LDH  
LOW: TP (PP=3.0) BUN, PCV (21%), ALT, ALB, PHOS  
Last Rads: 11/16/13; marked BI pattern reduced right lung lobe volume 0.6 x 3 cm soft tissue density in R lung, linear densities left coelum 12/10/13: possible mild left lung minor increase BI density.  
RFF tip lesions, minor, R hind skin superficial avulsion  
eyes look fine D/C eye meds, plastron ulcers, carapace ulcers  
EATING a little better, carapace lesions, under R eye scar, separation of nuchal skin  
TX 1-17ml LRS SQ EOD  
2- ceftazidime 22 mg/kg IM q3d  
3- vit B, sea tabs, and calcium (oral) consider injectable B(THUR if still not eating)  
4- SSD when pulled
Sea Turtles: #35

carapace lesions
wt=3.4 kg, SCL=27.9, SCW=26.4, TPR=71.9, 32, BS = 2/5
CC: strand 11/16/13 Fisher Beach
Last Blood: 12/3/13
HI: ALKP, CK (7105), LDH (5222), GLU, UA
LOW: ALT, PCV (17.5%)
Last Rads: 11/18/13 1cm mineral and gas densities in coelum plastron bruising and hyperemia, mild shell abrasions, minor front flipper tip lesions, small R sided carapace, minor FFtip, minor lesion Right axilla
A: EATING better, doing well
TX:
1- ceftazidime 22 mg/kg IM q3d
2- vit B1, sea tabs, and calcium
3- SSD when pulled

Sea Turtles: #36 - aggressive feeder

carapace ulcers & abrasions
wt=2.8 kg, SCL=25.5, SCW=24.0 TPR=72.6, 40, 2 BS = 2/5
CC: strand 11/12/13 Brewster
Last Blood: 12/3/13
CBC = WNL
HI: CK (2371), CHOL, GLU, CA(8.5), UA (0.5)
LOW: ALB, TP, ALT
Last Rads: 12/17/13; lungs improved, WNL
Carapace abrasions, minor, R lateral scute 1-2 and vertebral scute 4 with ulcers, RFF D2 boney knob (check with rads), plastron bruising, prolapse resolved, deep carapace ulcers
A: doing well, aggressive turtle
TX:
2- switch from oxytet to ceftazidime 22 mg/kg IM q3d
3- vit B1, sea tabs, and calcium (oral)
4- chlohexiderm soak 5 min, followed by SSD on pull days
Sea Turtles: #37 Marina
flipper lesions
wt=1.8 kg, SCL=22.6, SCW=21.0, TPR=73.0, 48, 3 BS = 2/5
CC: strand 11/13/13 Brewster, right eye slight opacity, Left eye central opacity
Last Blood:11/25/13
HI: WBC (10K), ALP, CK, GLU (143), LDH, UA (0.3)
LOW: ALB, TP, PP, ALT
Last Rads:11/15/13 soft tissue defect 1x1 cm distal LF D3 D4, 5x2 mineral density in coleum
Bruising on plastron, R marginal scute #12-13 lesions, LFF missing notch, minor carapace Left lateral scute #3 lesion dehydrated. eyes look great d/c ocular meds
A: Appetite varies still, monitor closely
TX
1-30 ml LRS SQ EOD
2- ceftazidime 22 mg/kg IM q3d
3- vit B, sea tabs, and calcium (oral)
4- SSD SID to lesions

Sea Turtles: #38
rostral lesion, sunken
wt=1.8 kg, SCL=22.3, SCW=20.7, TPR=75.3, 40 ,1 BS = 2/5
CC: strand 11/4/13 Brewster
Last Blood:12/3/13
HIGH: PCV (31%), ALKP, LDH, CHOL, GLU, UA;
low:
Last Rads:11/22/13 7 x 4 mm ovid mineral density in coleum, possible soft tissue densities in lung fields on DV appears dehydrated, rostral lesion improved, minor head lesions, minor FF tip lesions, collected urine sample-WNL eating, new hyperemia lower left plastron (monitor)
rash on plastron is progressing slowly
A: everything getting better, good eater
TX:
1-30 ml LRS SQ EOD
2- switch from oxytet to ceftazidime 22 mg/kg IM q3d
3- vit B1, sea tabs, and calcium (oral)
4- SSD daily
Sea Turtles: #39
oral barnacles -- CAUTION BITES --
w=3.5 kg, SCL=26.8, SCW=25.5, TPR=73.2, 32, 2 BS =2/5
CC: strand 11/11/13 Eastham, 3-4 raised barnacle like lesions in oral cavity, slight cloacal prolapse, opacity to LEFT eye minor
Last Blood: 11/25/13
HI: WBC (11K), ALKP, CK(22186), LDH (8353), GLU (188), Ca (8.9), K (4.8), UA (0.4)
LOW: PP, ALT, CHOL
Last Rads: 12/19/13 min. BI pattern bilateral, 0.4 cm rectangular density and very small mineral density, no GI obstruction confirmed oral/tongue lesions look like barnacles, also appears to be resolving, minor FF tip lesions, no prolapse, mild plastron bruising, R hind nail avulsion improved appetite
TX:
1- switch from oxytet to ceftazidime 22 mg/kg IM q3d
2- vit B1, sea tabs, and calcium (oral)

Sea Turtles: #40
pneumonia and pink mouth (algae ?), dehydration
w=2.5 kg, SCL=25.5, SCW=23.3, TPR=70.7, 32, 4 BS =2/5
CC: strand 11/13/13 Brewster, cloacal prolapse, bright pink color to rhampothecia in mouth
Last Blood: 11/25/13
HIGH: WBC, ALKP, CK(17486), LDH (7474), UA, GLU (137), PVC (35%), AST, CHOL, UA (0.3)
LOW: ALB, TP, PP (3.4), BUN, Ca, ALT, PHOS (4.7)
Last Rads: 11/15/13 BI pattern bilateral, increased soft tissue density in LEFT lung field, tubular 6cm gas patter in left colemic quad.
Left upper eye lid trauma, lower rhampothecia bright pink (does not scrape off), RFF lower tip lesion, LFF lost flipper tip, abnormal abrasion pattern to shell, separation skin/shell in nuchal area
TX
1- 20 ml LRS SQ EOD
2- ceftazidime 22 mg/kg IM q3d
3- vit B1, sea tabs, and calcium (oral)
4- SSD when pulled
Sea Turtles: #41 the loggerhead
loss of scutes, resolving cold stun
wt = 39.1 kg, SCL = 62.0 SCW = 53.7, TPR = 79.3, 32, 8 BS = 2/5
CC: strand 12/8/13 Brewster, cold stun
Last Blood: 12/11/13 @ NEAq
HIGH: CK (19373), LDH (1113), UA (0.8)
LOW: ALB (1.1)
Last Rads:
SOAP: BAR, active, resists examination,
20-30 barnacles, most dead, some coming off, some on
plastron, lesions to both front flippers with loss of scutes
Eating fish and squid
TX
1-LRS 500ml LRS SQ EOD
2-
3- vit B1, sea tabs, and calcium (oral)

Sea Rogers Williams VMD
attending veterinarian and director of science

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