While I was looking for histopathological signs of parasitic infections, all I found in the H&E slides were evidence of the systemic inflammatory reaction (SIR), enlarged and active lymph nodes in Aberham’s necropsy, we are still waiting for the final pathology report.

Terrapins: 
*Penny “the flake”*

The dermal bone necrosis and lamination with auto expulsion of the necrotic bone continues. Also Penny continues to eat well and the plastron, skin, and other physical examine findings are normal.

Cooters: 
*one of these things . . . *

We have a runt. With identical husbandry we have 1 of 8 red-bellied cooters that has not grown well. A physical exam is normal and there is not the pathologically soft shell seen with advanced metabolic bone disease (NSHP). Diet, same, UVB same, water temperature same, so why the discrepancy? I don’t know, we are supplementing this little one with oral calcium and it’s still a long way to go before release day, we’ll keep a close eye on this one.
Sea Turtles: #31
fractured Left TIB/FIB, possible pneumonia
wt=2.0 kg, SCL=22.5, SCW=19.7, TPR=75.3, 44, ?, 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 still significant, ventral rash
A: soft calus formation with fracture leg is stable, turtle is very active, small bite on left lower rhampotheca
TX:
2- ceftazidime 22 mg/kg IM q3d
3- vit B1, sea tabs, and calcium (oral)
5- SSD to lesions

Sea Turtles: #32
smallest sea turtle, sunken
wt=1.6 kg, SCL=20.7, SCW=19.2, TPR=74.1, 40, ? 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 ventral hyperemia
A: improved, looking good, consider d/c ABX after next blood tests
TX:
d/c fluids
1-switch from oxytect to ceftazidime 22 mg/kg IM Q3d
2- vit B1, sea tabs, and calcium (oral)
Sea Turtles: #33- Gage
pneumonia, skin separation at nuchial area,
flipper tip lesions RIGHT
wt=3.9 kg, SCL=29.3, SCW=27.2, TPR=73.9, 44, ?, 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 is getting
better, severe RFF tip lesion, L elbow lesion, L hind minor
abrasions, eating well, rostral lesion. Severe RIGHT front
flipper tip lesion. Right axilla red/hyperemia, ulcers on head
behind eyes. May lose right front flipper tip
TX:
1-switch from oxytex. to ceftazidime 22 mg/kg IM Q3d
2- vit B1, sea tabs, and calcium (oral)
3- SSD to wounds daily, after clean with chlorohexiderm
4- ETD fluids LRS SQ with ABX days

Sea Turtles: #34
possible pneumonia
wt=2.1 kg, SCL=23.5, SCW=21.2, TPR= 73.7, 40, ?, 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,
plastron ulcers, minor carapace ulcers, under R eye scar,
separation of nuchal skin, minor rostral lesion.
New R>L marginal edge lesions behind front flipper, possible
ware lesions on circular tank walls, cleaned with
chlorohexiderm and SSD applied
TX d/c fluids
1- ceftazidime 22 mg/kg IM q3d
2- vit B, sea tabs, and calcium (oral)
3- SSD when pulled
Sea Turtles: #35

carapace lesions
wt=3.6 kg, SCL=28.2, SCW=26.3, TPR=73.4, ?, 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: 12/19/13: 1cm mineral and gas densities in coleum;
plastra, bruising and hyperemia, mild shell abrasions, minor front flipper tip lesions, small R sided carapace, minor FFltip, lesions Right axilla, minor plastra bruising
A: eating better, doing well, consider d/c ABX after next blood tests
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=3.2 kg, SCL=26.1, SCW=24.3 TPR=73.2, 44, 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 #2 and vertebral scute 4 with ulcers, RFF D2 boney knob (check with rads), plastra bruising, carapace ulcers, small rostral lesion
A: doing well, aggressive turtle, consider d/c abx after next blood tests
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=2.0 kg, SCL=23.3, SCW=21.3, TPR=71.9, ?, 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; 12/31/13- WNL, AP exposure failure
Brusing on plastron, R marginal scute #12-13 lesions, LFF missing notch, minor carapace Left lateral scute #3 lesion, minor plastron bruising, minor head lesion with exposed skull, but still appears as a minor wound
A: Appetite varies still, monitor closely, consider d/c ABX after next blood tests
TX
1- ceftazidime 22 mg/kg IM q3d
2- vit B, sea tabs, and calcium (oral)

Sea Turtles: #38
rostral lesion
wt=2.0 kg, SCL=22.7, SCW=21.0, TPR=75.2, 60 , 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
Rostral lesion healed but scared, minor head lesions, minor FF tip lesions, minor plastron bruizing
A: everything getting better, good eater, consider d/c ABX after next blood tests
TX:
1- switch from oxytet to ceftazidime 22 mg/kg IM q3d
2- vit B1, sea tabs, and calcium (oral)
3- SSD daily
**Sea Turtles:** #39

**oral barnacles ? resolving CAUTION BITES !**

wt=3.9 kg, SCL=27.9, SCW=25.5, TPR=75.3, 36, 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, new bump on head, bilateral hind flipper nail avulsions

A: consider d/c ABX after next blood tests

TX:

1- switch from oxytet to ceftazidime 22 mg/kg IM q3d
2- vit B1, sea tabs, and calcium (oral)

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**Sea Turtles:** #40

**pneumonia and pink mouth (algae ?), swollen LEFT Front Flipper, early osteolysis D2P1-2**

wt=2.6 kg, SCL=25.7, SCW=23.3, TPR=82.7, 40, BS =2/5

CC: strand 11/13/13 Brewster, cloacal prolapse, bright pink color to rhampthecia 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: 12-24-13: BI pattern bilateral, increased soft tissue density in LEFT lung field, end plate lysis LFF D2P1-2, minor lesion RFF D3 P3 and P4 lytic lesions

Left upper eye lid trauma, lower rhampothecia bight pink (does not scrape off), RFF lower tip lesion, LFF lost flipper tip, Swollen LFF at D1 nail, FEVER ?

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 5- meloxicam, 0.1 mg/kg IM q3d
Sea Turtles: #41 Tide the loggerhead

loss of scutes from flippers
wt=? kg, SCL=? SCW=?, TPR=75.2, 32, 4 BS=3/5
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.
Peeling of carapace keratin with keratin below, loss of scutes
on dorsal surface of front flipper r/o hypothermic dermal
lesions
Most barnacles were dead and had a foul odor, all barnacles
removed, 1 or 2 showed minor hemorrhage under the
barnacles
TX
1-LRS 500ml LRS SQ ETD w/ ABX
2- ceftazadime 22 mg/kg IM q3d
3-vit B1, sea tabs, and calcium (oral)

[STAFF: Kathy Zagzebski, Kate Shaffer, Belinda Rubinstein, and Adele Raphael.]