It was not quite obvious to us at first, but now I’d say it’s pretty obvious, chalk up another form of ear disease in seals, Oregano has pox.
Harbor Seals: Lemongrass NMLC 15-030 PPv weanling resolved dehydration, lethargic and rectal prolapse female [admit] wt=14.5 kg, SL= 97.5 cm; [current] 15.0 kg BS=2.5/5

stranded Bidderford ME 8/29/15; admit: 9/3/15;
last blood: 10/20/15 pre-release assessment
last rads: 9/4/15
last feca: 10/30/15 NPS-CRW
pre-release = canceled
HX: Lemongrass was doing fine until she started vomiting and becoming lethargic. She developed hypernatremia and dehydration we discovered from drinking salt water. She was pulled into dry holding and given IV fluids and access to fresh water, which she continues to drink. Then, most disturbingly, she has developed liquid diarrhea and an intermittent rectal prolapse, what was earlier thought to be a vaginal issue but not confirmed is now very clearly an issue of the gastrointestinal tract.

We will get a barium study completed and continue to support her. While the fecal was negative, it can not rule out a parasitic problem, Acanthlocephalans often go undetected and Pumpkin was very heavily infected.

Physical exam: No rectal prolapse, mm pale pink, abdominal palpation is normal, no external wounds, ears and eyes appear normal. After tubing gruel, she developed a 2 cm red rectal prolapse that was difficult to reduce, a rectal exam show no blockage.
A: the cause of the clinical signs and rectal prolapse is unknown. The hydration situation was corrected quickly, but all of Lemongrass’ plans for release are now on hold-CRW
**Harbor Seals**: Onion Flake NMLC 15-034 PPv weanling male [admit] wt=11.8 kg, SL= 96.5 cm; [current] 16.2 kg BS=1/5
CC: fever (106.5), labored breathing, body wounds, flipper wounds, muzzle wounds / cheilitis, respiratory acidosis, Anisakids left lung lobe consolidation, pneumonia confirmed lungworm severe disease to the right eye with ulcer, hypoglycemia, distress panuveitis, and left aural d/c (R/O otitis media)

stranded Province town 9/17/15; admit:9/17/15;
last blood: 10/18/15
last rads: 10-20-15 canalography DV skull (2cc saline 1 cc I-contrast), last ultrasound: 10-20-15 ultrasound of the eyes, globes intact, no detached retnia, anterior chamber intact, lens in position; left eye is normal. Ultrasound of each tympanic bulla in dorsal recumbency, no fluid detected in either middle ear.
last fecal 9-22-15 (post 25 mg/kg fenbendaole) 2 samples NPF-CRW
PE:[Williams 10-30-15]: BAR, right eye with blethrospasm, corneal edema that prevents evaluation of the anterior chamber. No aural d/c. Abdominal palpation is normal. Limbs are normal, no nasal d/c, and breathing is not labored.
A: excellent improvement in respiratory disease as evidence by the improvement in the radiographs. The right eye is likely permanently blind. The ear will need a CT which requires sedation and Onion is just not strong enough at this point.
**Harbor Seals**: Tarragon NMLC 15-037 PPv weanling
female [admit] wt=22 kg, SL= x cm; [current] 16.2 kg BS=2/5
CC: wounds are healing
stranded at sea: 9/27/15; admit:9/27/15;
last blood: 9/27/15 (CG8, CBC, SCP): mild hypokalemia
last rads: (2 views- chest)
last fecal: fecal water in crate, + *Contracecum* ova +, no larvae
passed: *Diplogonoporus terrapterus*
culture of sub dermal abscess: No bacterial growth
Visual Inspection 10-30-15: BAR in/out of water, A: looks good. P: pre-release assessment at Rounds on Tue. We need to get Tarragon to turn a corner and put some weight on.

**Harbor Seals**: Oregano NMLC 15-046 PPv weanling
female [admit] wt=13.5 kg, SL= 80 cm; [current] x kg BS=1/5
CC: hind flipper abscess, parasites, pox [isolated]
stranded SeaBrook NH: 10/2/15; admit:10/3/15;
last blood: 10/20/15 CBC, PHV-1 ELISA, Bx to IDEXX
last rads: 10/20/15 DV skull canalography = no contrast in middle ear = TM intact
last fecal: 10-13-15: FF single tape worm ova
ON LOCK DOWN, ISOLATION and zoonotic disease
Oregano’s primary problem now is the lack of company, but we’ll let the early phases of this contagious disease go by while Oregano is isolated. Pox is not a fatal disease of weanling seals, but as we have seen, it’s the multiple combination of problems that makes the case.
BX [IDEXX] balloning degeneration but no viral inclusions, but with the now apparent clinical picture this is face of pox.