Successful treatment of a Canada goose (Branta canadensis) with presumed capture myopathy

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• Introduction to capture myopathy
• Canada goose 038

Capture Myopathy


Capture Myopathy

• Potential causes

Capture Myopathy

• Clinical signs
• Clinical pathology
  – elevated CK, LDH, AST

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**Capture Myopathy**

- Post-mortem pathology

**Oil Spill**

- June 2008
- Muddy River - Brookline, MA (near Boston)
- Non-PCB dielectric oil

**Canada Goose 038 - History**

- Day 1 – captured, examined
- Day 2 – cleaned
- Day 3 – not standing, examined, started treatment

**CAGO 038 - History**

- Day 4 – not standing; continue treatment
- Day 5 – standing before treatment; decrease treatment
- Day 6 – standing, self-feeding; decrease treatment
- Day 7 – discontinue treatment
- Day 9-11 – normal conditioning
- Day 12 - release
CAGO 038 - Diagnosis

- History
- Clinical signs
- Physical exam
- Blood lead analysis
- Response to therapy

CAGO 038 – Treatment

Fluid Therapy

Vitamin E, Methocarbamol

Physical Therapy

Nutritional Support, Stress Reduction

Why this bird?

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