

Chronic kidney disease in cat ⁽¹⁾ treated with Antinol[®]

Overview: Patient was not responding to treatment but decrease in **BUN** and **Creatinine (Cre)** levels were observed after Antinol[®] was added to treatment regimen.

Reported by Dr. Michiko Akiyama, Maizuru Animal Medical Center

Course of treatment

Mongrel Cat, 7 Years old, sex: not mentioned.

Before

- 24 Jan 2014** Patient was **diagnosed with CKD**
Blood test results: BUN 81.4mg/dL, Cre 4.5mg/dL
Findings of Ultrasonography: Atrophy of left and right kidney, hypertrophic cardiomyopathy
- 17 Jun 2014** Surgery was performed to treat **ureteral calculus** and **hydronephrosis**.
Symptoms were stable at follow-up examinations.
- 21 Jan 2018** Decrease of activity and appetite.
Body temperature 35.9 degrees Celsius.
Blood test results: BUN 120.7 mg/dL, Cre 6.4 mg/dL
Treatment: Infusion, administration of dopamine and diltiazem
- 27 Jan 2018** Started **Semintra(Telmisartan)** treatment.
- 3 Feb 2018** Blood test results: BUN>140 mg/dL, Cre 15.5 mg/dL
- 5 Feb 2018** Renal anemia was observed.
Blood test results: BUN> 140 mg / dl, Cre 13.1 mg / dl, Ht 20.0%
Started **dalbepoetin** treatment.
- 12 Feb 2018** Blood test results: BUN>140 mg/dL, Cre 9.6 mg/dL, Phosphor (P)>15 mg/dL, Ca 11.1 mg/dL, Ht 19.0%
Started **Ipakitine** (Supplement containing: lactose, calcium carbonate, chitosan)

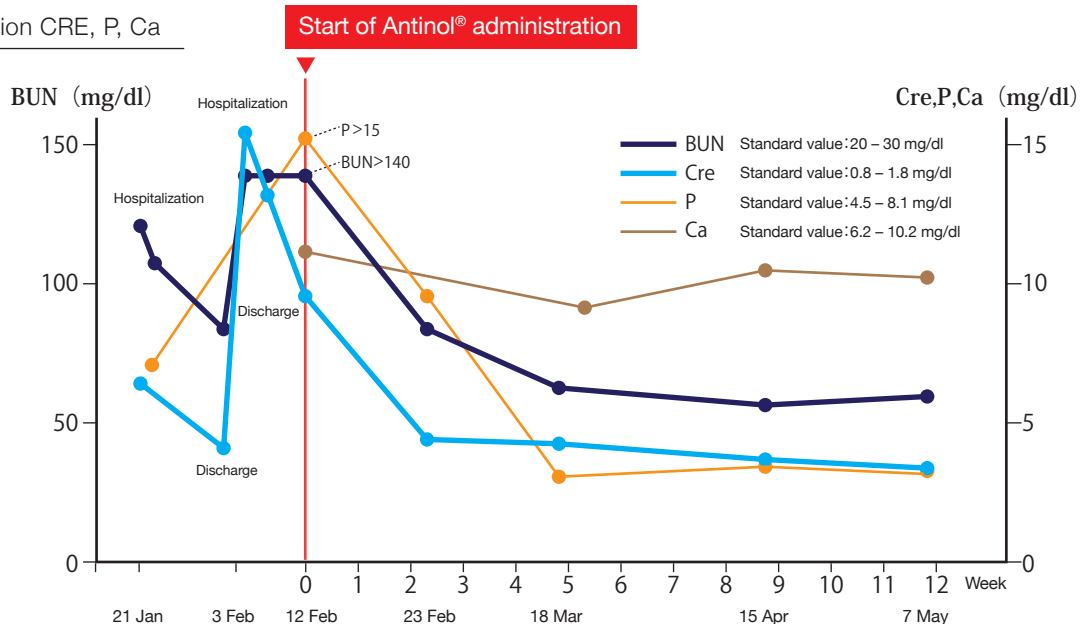


Addition of Antinol[®] to treatment: 1st 2 weeks 2 caps. / Day, orally. Continued with 1c aps. / Day, orally.

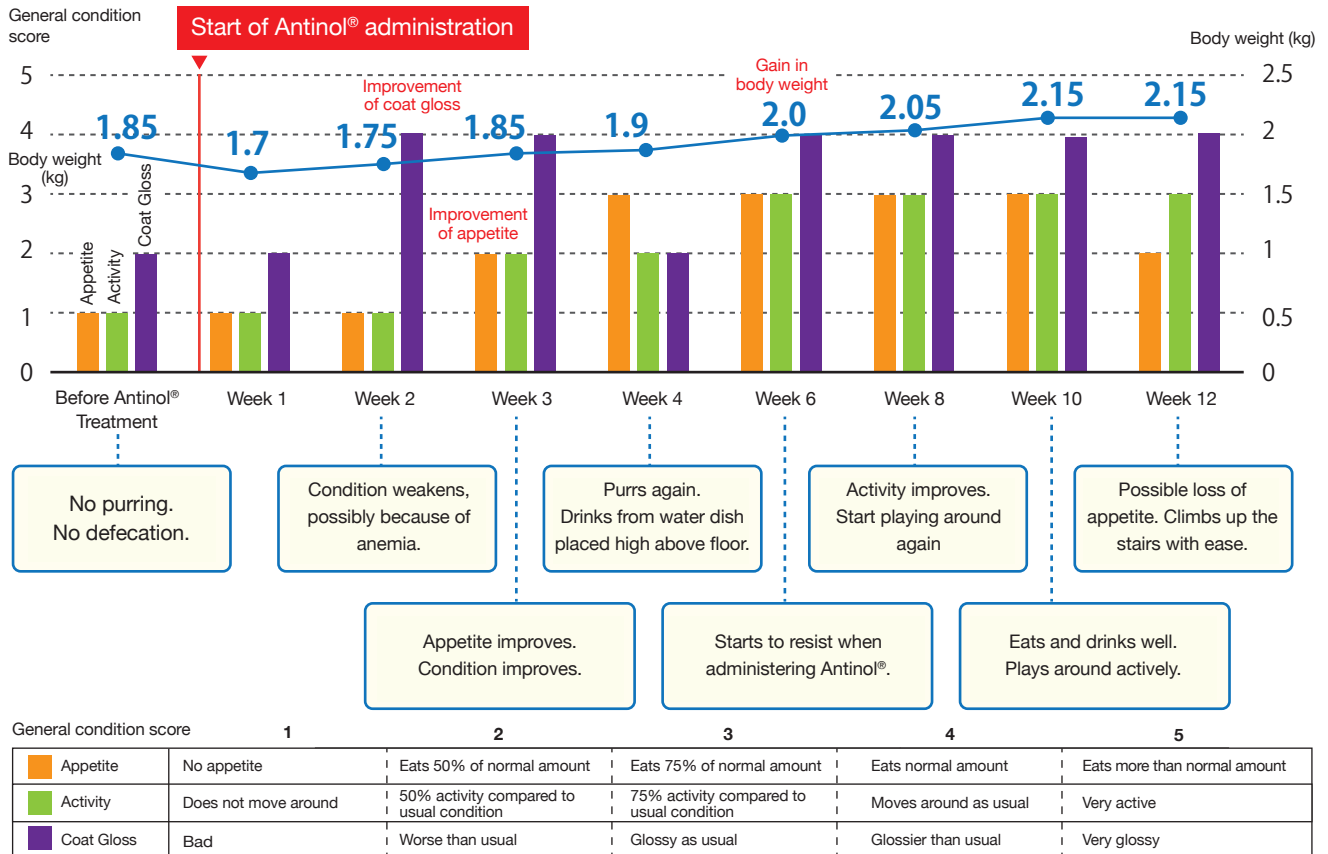
After

- 23 Feb 2018** BUN, Cre levels decreased, dehydration improved, body weight increased and coat gloss improved.

Transition CRE, P, Ca



General condition and changes in body weight (observed by owner)



Interview Statement

Veterinarian:

“BUN and Cre level dropped and gloss of hair coat showed improved after adding Antinol® to treatment. Despite poor response to treatment before Antinol® was added, now general condition are improving and owner is also satisfied with this out come.”

Owner:

“I would not have thought that my cat was getting that well. That improvement is unbelievable given that she was in such a bad shape at first. Thank you so much.”

Why we recommend Antinol® to dogs and cats

Fatty acid PCSO-524® in Antinol®

- Reported potent anti-inflammatory effects^[1]
- Contains over 91 fatty acids including Omega-3 that collaborate and therefore are effective even in small amounts.

- 1) Whitehouse MW et al: Over the counter (OTC) oral remedies for arthritis and rheumatism: how effective are they? Inflammopharmacology, vol.7, No.2, 89-105, 1999
- 2) Brown SA et al: Beneficial effects of chronic administration of dietary omega-3 polyunsaturated fatty acids in dogs with renal insufficiency. J Lab Clin Med, 131:5, 447-455, 1998.
- 3) Brown SA et al : Effect of dietary polyunsaturated fatty acid supplementation in early renal insufficiency in dogs, J Lab Clin Med, 135:3, 275-286, 2000.

Omega-3 Essential Fatty Acid

- **Anti-inflammatory Properties**
- **Improvement of blood flow**
- **Lower blood pressure**

Omega-3 is said to have kidney-protection properties. Omega-3 enhanced diet has been reported to show improvement on glomerular hypertension, tubular stromal fibrosis, glomerulosclerosis as well as to reduce anti-inflammatory eicosanoids and proteinuria.^{[2] [3]}



For more information

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