

E.R.D.-HealthScreen™ Urine Test

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Clinical Case Reports

CASE SUMMARY:

- ▲ Periodontal disease in a 12-year-old, neutered male sheltie.
- ▲ E.R.D.-HealthScreen™ Urine Test used to monitor glomerular damage associated with active periodontal disease.
- ▲ Periodontal therapy and antibiotic treatment resulted in resolution of the microalbuminuria.

Periodontal Disease Management

Einstein, a 12-year-old, neutered male sheltie, presented for an annual exam and vaccinations. Einstein receives routine dental procedures due to a predisposition to develop periodontal disease. Recently, the owner had noticed a slight increase in Einstein's water intake and mild coughing in the mornings when Einstein woke up. On physical exam, Einstein had moderate periodontal disease and a grade 3/6 left systolic heart murmur. In preparation for periodontal therapy, pre-anesthetic urinalysis findings included a urine specific gravity of 1.015 and a medium positive E.R.D.-HealthScreen Urine Test. Chest radiographs demonstrated mild enlargement of the left atrium. After the dental therapy, Einstein was sent home on Enalapril (5 mg PO BID) to improve cardiac output and, as an added benefit, to decrease urine protein leakage, and Antirobe® (100 mg PO BID for 14 days) for treatment of the periodontal disease. For preventative oral care, the owner was instructed to apply chlorhexidine gel daily and PROVSEAL™ gel weekly. Four days later, Einstein was not eating well and had vomited once. We decided to discontinue the Enalapril treatment and continue treatment with Antirobe. Upon recheck 3 weeks later, the E.R.D.-HealthScreen Urine Test

result was negative. For continued treatment of Einstein's periodontal disease, we plan to use home dental care and Antirobe (100 mg BID) routinely for the first 5 days of each month and to repeat the E.R.D.-HealthScreen Urine Test every 3-4 months to monitor for the presence of ongoing glomerular damage. We also discussed with Einstein's owner the possibility of using a different ACE inhibitor in the future, if needed for treatment of advancing signs of cardiac disease. In our practice, the E.R.D.-HealthScreen Urine Test has become another important tool for the early detection of disease in dogs and I anxiously await the availability of an E.R.D.-HealthScreen Urine Test for cats!

Dr. Susan E. Klein
East Hilliard Veterinary Services
Hilliard, OH

Share your clinic's success by submitting a case report. Call 1-800-GO HESKA or email us at: market@heska.com. Case reports chosen for publication will receive a free box of E.R.D.-HealthScreen Canine Urine Tests and printed copies of the case report.

