## Urinalysis result in an apparently healthy dog: Abigail

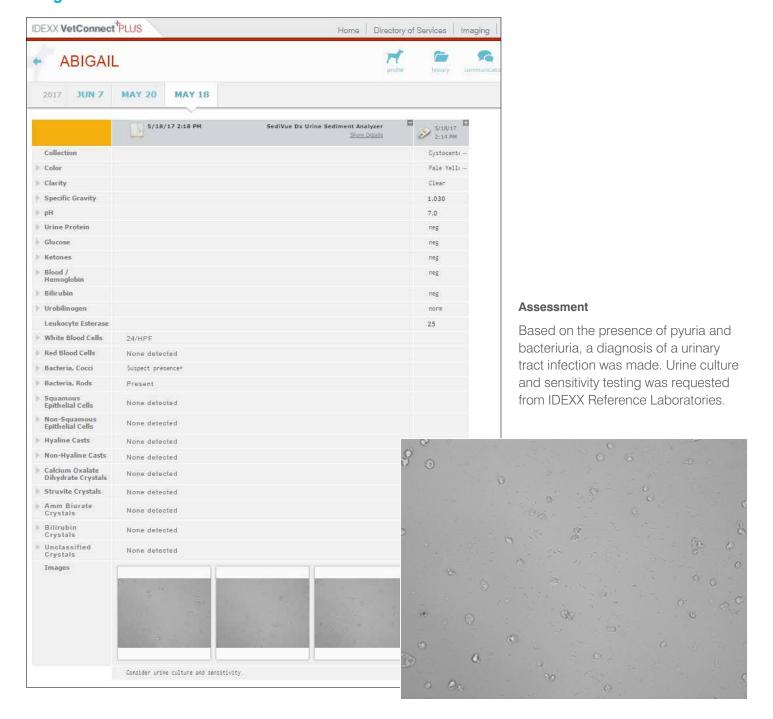




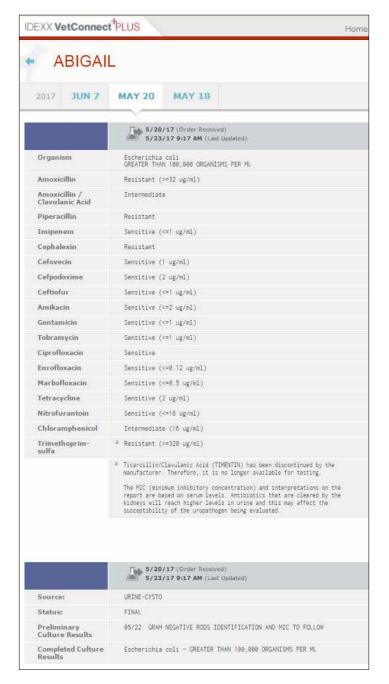
Patient: Abigail (7-month-old, spayed female golden retriever)

**Reason for visit:** Abigail came in for a recheck examination post-spay. Prior to her appointment she appeared healthy and active, with no overt clinical signs. Her recheck appointment was scheduled for UA Day, and her veterinarian included a urinalysis as part of her diagnostic workup.

### Abigail's initial results and assessment



# Urinalysis result in an apparently healthy dog: Abigail (continued)



#### Results of Abigail's follow-up testing

Urine culture and sensitivity testing revealed that the infection was caused by *Escherichia coli*. Due to antibiotic resistance, the infection could not be treated with common antibiotics like amoxicillin and cephalexin.

### Abigail's management plan

- 2–4 weeks with appropriate antibiotics based on culture and sensitivity results.
- A complete urinalysis including urine culture and sensitivity testing was recommended one week after cessation of antibiotics to determine if the urinary tract infection was cleared.

#### Key takeaway

Performing a complete urinalysis allowed for the identification of a subclinical urinary tract infection. Urine culture and sensitivity testing was needed to select the appropriate antibiotic treatment and improved the patient outcome.

Note: On UA Day (May 18, 2017), participating hospitals performed free urinalyses using the SediVue Dx<sup>®</sup> Urine Sediment Analyzer and tested on average more than 6X their normal volume of urine samples.

