

April 2006

Issue 2



# PHOENIX FLYER

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## What is this fungus among us?

To bring you up to date on fungal charges: Note that if fungal media with fungus growing on it is submitted, the charge for a *fungal culture* (test code #504) will be applied. An *ID only* test code (512) cannot be applied because more steps are required to isolate and identify potential dermatophytes present. Questions regarding this can be directed to the microbiology department. As always, your understanding is very much appreciated!

Click on it!

[www.pclvnet.com](http://www.pclvnet.com)

## Find out what your mousing!

- ✘ Receive your results on line (sign up by emailing Jerry Brown, Manager of Information Systems at [jlbrown@pclv.net](mailto:jlbrown@pclv.net)).
- ✘ Get updates on events such as wetlabs & meetings.
- ✘ Brush up on hematology, urinalysis, cytology & parasitology analysis & identification.
- ✘ Keep informed; view case studies, articles & videos of interest.
- ✘ Keep your clients informed; print out useful client brochures created by the laboratory.



## Guidelines to Equine Abortion Submission and Evaluation

Phoenix Laboratory accepts both the entire equine fetus (including the placenta) and/or tissue samples for submission to evaluate an abortion. Field collection of tissues may expedite results, especially in the case of a large fetus, or if there are economic constraints.

The following is highly recommended to ensure history is properly documented. First, examine the entire placenta, umbilical cord and fetus for gross abnormalities. Look for placental areas of thickening, discoloration or other obvious abnormalities. Note

whether or not the placenta was retained. Then, measure the umbilical cord and the crown to rump length of the fetus. Fresh tissue specimens of the placenta (approximately 2-3" squares), lung, adrenal gland, kidney and liver should be placed in a ziplock bag. Fetal heart blood can be useful to test for West Nile Virus, if suspected.

For histopathologic evaluation; collect specimens from the placenta, liver, lung, kidney, adrenal gland, heart, spleen, small intestine and brain and fix in formalin. Serum from the mare's blood can also be

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## ...Guidelines to Equine Abortion Submission & Evaluation *Cont.*

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tested for infectious agents such as leptospirosis, equine herpes, equine arteritis virus or others, as indicated in each individual case.

*A form is available on our web site to fill out pertinent history of the mare and farm.*

A form titled "Equine Abortion History Form" with various fields for patient information, history, and laboratory details.

## Parathormone Related Protein (PTHrP)

A new assay for PTHrP is now available and has been validated by the Michigan State University Endocrinology section. The test codes will remain the same and we have not been advised of any change in cost.

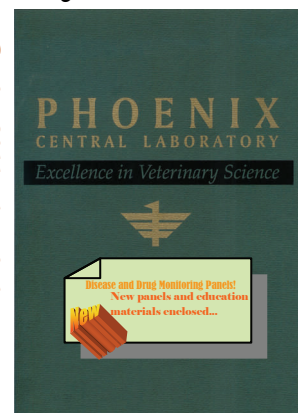
## Our New Roche Urisys 2400...

The addition of this new urinalysis instrument, introduced to the laboratory in February 2006, is an exciting advancement in the laboratory. This new instrument requires a minimum of 1.5 ml urine (if less is submitted we can still process the sample by the previously used method). The machine is capable of processing 75 samples for urine macroscopics in 20 minutes! Even with the new process, the presence of protein and glucose continue to be verified. Very shortly, the macroscopic portion will be interfaced to our computer system. This will help curtail edit errors.

## Newly released: "Drug & Disease Monitoring Panels".....

**Did you look in here?**

**It is filled with cost**



**educational materials!**

**savings and**