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SIRNINGER CYTOLOGIC DIAGNOSTICS

General:

Sirninger Cytologic Diagnostics is a West Palm Beach based cytology consultation business designed to cater solely to the needs of local veterinary practices allowing for numerous benefits over the national super diagnostic labs:

- Rapid turnaround time (usually within hours of receipt).
- Competitive prices without the need for shipping charges for drop-offs or ~$5-6 shipping otherwise.
- Submissions ideally capped at ~10-15 cases/day to ensure a high quality service.
- Real time resubmissions on non-productive samples at no additional cost.
- Availability to drop by to help with difficult sample procurement and intra-op if arranged in advance.
- If any problems arise, you deal directly with me, not a customer support hotline.
- CE available for techs and veterinarians.
- Consistency, SCD = me.
- Your own caring personal pathologist who realizes that there are a pair of eyes (usually) behind each slide.

Submission:

Services include cytologic evaluation of aspirates from soft tissue, bone marrow, cavitary effusions, CSF, and hematologic reviews (full, scan, and buffy coat).

Submissions can be dropped off or mailed to my current office (Note the new address: 420 Santa Fe Road, West Palm Beach, FL 33406) or dropped off at the front desk of Palm Beach Veterinary Specialists (3884 Forest Hill Blvd., West Palm Beach, FL).

Submissions may also be mailed to me in a small box containing a typical slide holder (preferably the plastic "stick of gum" box type) and submission form. Note that most of my mail-in customers use Priority Mail® Small Flat Rate Box or Envelope delivery for between $5-6 and will be one day service from SE Florida or potentially two day from further areas. One's practice manager can easily create an account at https://www.usps.com/ to receive discounted shipping rates and quickly print shipping labels using information saved in the program's address book. Packages can then be picked up by one's normal mail carrier. Even better, shipping materials are free and can be mailed directly to one's practice at no cost; just follow: Ship a Package> Shipping Supplies>Free Supplies>Priority Mail. A single envelopes or box can hold multiple submissions, but it is critical to label individual slides and include separate submission forms to avoid confusion.

Submissions received prior to 4 pm are generally read out the same day; after 4 pm submissions are generally read out within 24 hours.

After-hours and weekend submissions can be arranged to be read out of the same day with an additional $20 stat fee (call my cell); otherwise these submissions are guaranteed to be read out on Monday (often earlier, frequently still within 24 hour, but at my discretion).

Staff animal's cytologies are done at no cost as a courtesy.

Payment:

Accounts are invoiced by email.

Payment may be rendered by check (by mail or in person) or cash (in person).

Dr. Jeffrey Sirninger, M.S., Ph.D., D.V.M., diplomate A.C.V.P., West Palm Beach, FL (561) 319-3478

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Communications:

Please use the following e-mail address for written communications:

sirningercytologicdiagnostics@yahoo.com

Phone or text communication should use the following number:

Cell (561) 319-3478 …please leave a message or text if temporarily unavailable and I will rapidly return your call!

Sampling:

Do not heat fix slides for normal cytologic preparations! Simply air-dry slides.

Always smear out sample material or the preparation will likely be too thick to evaluate.

Try not to overload any given slide with too much material, especially if it is a fluid or heavily hemorrhagic, otherwise the resultant material will likely be too thick to evaluate. Ideally, the material should be spread out into a flame shaped thin film with a feathered edge.

For tissue aspirates:

Submit multiple unstained air-dried slides.

Discharge the aspirated material close to the frosted edge, sandwich another slide on top, gently compress slides, and slowly pull the top slide across the bottom. A slow steady smear will help to reduce possible shearing damage to the cells.

For fluids:

Submit a few air-dried slides (usually as a push preparation similar to a blood film), along with any additional fluid in an EDTA (purple top) tube.

For bone marrow:

Ideally marrow should be collected with 0.5 ml EDTA already in the syringe (add 0.5 ml of isotonic saline to a 4 ml EDTA tube). Repeated vigorous pulling on the plunger is needed to break off particles, as opposed to slowly percolating blood around the marrow elements. With the needle still in the animal, remove the syringe and gently mix the contents prior to expelling it into an appropriate container (watch glass/petri dish/plastic weigh boat). Rock the container to evenly distribute the marrow material over the surface and then tilt it to let the excess blood pool at the bottom. Examine the surface for white fatty wormlike particles (not air bubbles!) and collect with capillary action into a non-anti-coagulated microhematocrit tube (~ 2 mm); if not present repeat the initial aspiration procedure. Try to get an additional ~1 mm of non-clotted blood from the pooled material into the tube; the addition of a small amount of blood will help preserve the cells during smear preparation. Prepare multiple slides (10+ if possible) like for a tissue aspirate. Feel free to submit the remaining material in a purple top tube. I will gladly drop by and illustrate aspiration and core collection methods on your patient, as well as the above described technique!

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For CSF:

Rapidly submit an EDTA (purple top) tube. Do not make a direct smear as these are typically of too low cellularity to yield diagnostic information.

For traumatic urinary catheterizations:

Try to isolate floating material (whitish preferably) with a wooden stick and prepare as a tissue aspirate; this may be followed with a few air-dried preparations from a rapid sediment. Cells tend to swell and degenerate rapidly in urine so it is important to rapidly make these preparations in preference to submission of the urine itself.

Note that while it may be tempting to submit direct urine samples and avoid the traumatic catheterization process, these samples tend to be of limited diagnostic utility for evaluation of bladder masses, as they are frequently of low cellularity and cells sitting in residual urine volume will likely will develop artifactual changes.

Personal information:

- **Moved to Lake Worth, Florida in August 2012 and then to West Palm Beach, Florida in August 2013.**
- **Taught and provided diagnostic services in the Department of Clinical Pathology for 6.5 years as an Assistant Professor at the Louisiana State University School of Veterinary Medicine.**
- **Ph.D. at the Powell Gene Therapy Center at the University of Florida; research interests focused on the design and testing of gene therapeutics for Cystic Fibrosis; two patents in progress, in pre-clinical trials at The Johns Hopkins School of Medicine.**
- **Board certification in ACVP (clinical pathology).**
- **Residency in Clinical Pathology at the of University of Florida School of Veterinary Medicine.**
- **DVM from Colorado State School of Veterinary Medicine.**
- **MS from Yale University in Cell Biology**
- **BS from Colorado State University, majors in Biochemistry and Microbiology, minors in Chemistry and Psychology.**

Office address (also my home):

Sirninger Cytologic Diagnostics
420 Santa Fe Road
West Palm Beach, FL
33406