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- By keeping the conversation simple, strategic and focused on their pet's health, we can obtain trust and create trust within our client relationships
- Considering the last year in the pandemic environment, simplicity is even more valued than ever due to time constraints and scheduling pressures

### WHAT IS A COMPLETE **BLOOD COUNT?**

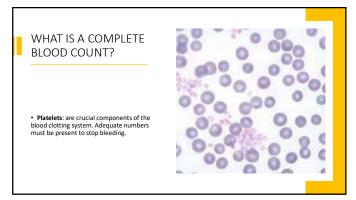
- Red Blood Cells:
   Carry oxygen to the tissue of the body
   Transport carbon dioxide to be exhaled by the lungs.
- Anemia results when red blood cells are not present in sufficient numbers.
- Determination of the cause of anemia is vital.



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# WHAT IS A COMPLETE BLOOD COUNT? • White Blood Cells: play a major role in a pet's immune system function. Normal baseline levels are very important to determine the importance of changes seen with infection or inflammation. White Blood Cells

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### WHAT IS A BLOOD CHEMISTRY?

A blood chemistry involves a collection of test evaluations which evaluate organ function and blood sugar in the body.

To the right are some of the elements in blood which are routinely tested.

- Allanine Aminestransfersase [ALT]: increased enzymes maybe a sign of heer damage or disease.

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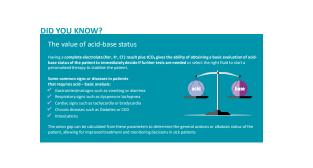
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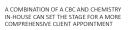
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- Broad Billrubin (TBL): An important value to evaluate liver function.
  B Total Billrubin (TBL): An important value to evaluate liver function.
  B Total Protein: We utilize this value to determine many conditions our diseases of the liver, kidney, and gastrointestinal tract.

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Once the client agrees to perform necessary blood testing, the stage is set to obtain:

- A definitive patient baseline
   Discovery of subclinical disease
- More compliance for future treatment and testing



MH1 Too small to be visualized on screens from a distance. Consider splitting into 2 or even 3 slides. Melanie Hicks, 2/25/2020



When performing a blood test on any analyzer point-of-care or externally, a high quality sample will give high quality results

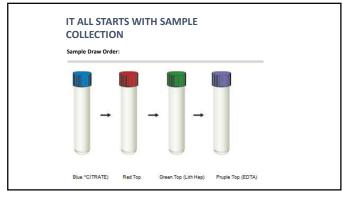
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# Minimize trauma to prevent hemolysis Proper needle & syringe size – Avoid 25 G if possible Vacutainers Appropriate suction on syringe Appropriate amount of alcohol

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# SAMPLE HANDLING AND PLATELET CLUMPING

- Swift blood draw from larger vein to minimize PLT clumping
- Clumps occur more often from small peripheral veins- jugular or cephalic best
  ...
- Minimize trauma during collection
- Cats have very reactive PLT
   Sick patients may have more reactive PLT



# IT ALL STARTS WITH SAMPLE COLLECTION

### Sample Preparation

- When adding blood to evacuated collection tubes, remove the needle from the syringe, remove the stopper from the tube, and gently place the sample into the tube
- Dispense slowly into sample tube to the manufacturer's recommended level or no less than ½ full for proper anticoagulant to sample ratio



- · Never place a tube on a rocker
- Manually invert the sample slowly prior to analysis (10x) times

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## IT ALL STARTS WITH SAMPLE COLLECTION

- Consider chemistry specific interferences (Low Ca with Increased K+ or Na+)
- 1. Possible Low ALP
   2. Low Ca
- 3. High Na+
   4. Possible Low K+
- K+-EDTA Contamination Characteristics
- 1. Low Ca2. High K+

### IT ALL STARTS WITH SAMPLE COLLECTION

- Consider chemistry specific interferences:
  - In whole blood samples stored at room temperature, GLU is metabolized by the cells
  - Storing samples at room temperature can decrease readings by 5-10% per hour. Conversely, K+ is released from cells under these conditions, potentially resulting in elevated K+ readings.

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# CAN I SAY A WORD OR TWO ABOUT MAINTENANCE?

- Whether it is your CBC or your chemistry analyzer, it needs to be properly maintained in order to obtain the most valuable and consistent results for our patients.
- Many of the clinical results we question trace back to inconsistent or inadequate maintenance of equipment



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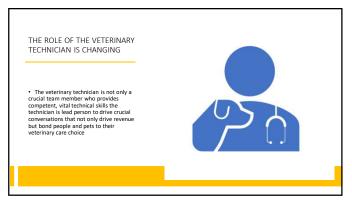
# CAN I SAY A WORD OR TWO ABOUT MAINTENANCE?

- Know what the maintenance is on your blood analysis equipment and perform the maintenance on a routine schedule
- Train each technical staff member how the maintenance is performed and if applicable assign a "lab champion" who will lead the charge
- Utilize the technical specialist both in person and over the phone to understand your equipment and to conduct in depth trainings at your hospital
- Ask questions! Get curious! Maintenance is a team effort and everyone's responsibility









THE ROLE OF THE VETERINARY **TECHNICIANS** IS CHANGING

Since it is getting so challenging to offer unique treatment options , our veterinary skills and knowledge can assist our pet parents, our veterinary staff and our veterinarians to set our hospitals apart and drive loyalty at our clinics. One of those ways is through in-house blood testing.

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# WHY PERFORM MORE IN-HOUSE BLOOD

- Benefits of increased compliance for preventive blood testing
- What factors drive growth? What do clients want?
- Strategies to turn challenges into opportunities
  - $\bullet$  Preventive age-based healthcare program, including blood testing
  - Develop a marketing / advertising strategy

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# 2015 & 2016 AAHA State of the industry

Client survey of 1,001 pet owners with 1+ dog/cat who see vet regularly

- · Why clients stay:
  - Vet explains things in an understandable way

  - Shares test results with me Vet treats me as a partner
- · Why clients leave:
  - Communication & customer service issues more than any other reason





Incorporating Blood Work into the Client Experience

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Pets R Us 12345 Main Street Toronto, ON

Dear Carlie,

Next month you are due for the treatments or products listed below. Please have your family call our office at (416)123-1234 to schedule an appointment. Remember that a yearly physical exam is just as important as vaccines! Visit our website at vectore.com

06-06-xx Annual complete physical exam
06-06-xx Preventive blood test
06-06-xx Heartworm test
06-06-xx Heartworm Preventive
06-06-xx Rabies vaccine

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# Phone Communication

- √Try to book with the same veterinarian
- $\checkmark$  Give brief description of reason for visit, including preventive testing
- ✓ Remind to withhold food
- ✓ Reminder calls if book in advance









Meet Paisley: 6 Months old and coming in for her spay

- Preventive blood testing:
- OPTIONAL
- OF HONA
- RECOMMENDED?

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# SET YOUR APPOINTMENT APART FROM THE CROWD

- Tech exam (blood testing recommendation)
- Blood draw & testing
- Veterinary Technician as the "first touch"



 ${\it Exceptional service motivates staff and retains clients}$ 



# SET YOUR APPOINTMENT APART FROM THE CROWD

- · Vet exam & discuss results
- Additional diagnostics
- Treatment
- · Address questions
- Schedule follow-ups
- Your veterinarian should be reinforcing your "touch"



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8 in 10 pet owners who don't always agree to do blood work at annual check up would probably say **YES** if the value of the test was explained.

-AAHA 2016 State of the Industry Client Survey

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# SET YOUR APPOINTMENT APART FROM THE CROWD

### **Puppy & Kitten Visits**

- Sensitize owners to recommended procedures
  - Spay/neuter estimate on the last puppy/kitten visit
     Whole Life, Age-Based Preventive Care (Including blood testing)
     Pet insurance/Payment Plans

  - Breed predilections



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# Bloodwork in Preventive Programs

- 1. Teamwork be consistent
- 2. Prioritize, set goals & track
- 3. Discuss progress- staff meetings
- 4. Improve compliance with awareness
- 5. Communicate & deliver great service
- 6. Team bonus plan



It's Never Better to Wait!

Increased efficiency- No call backs

More time for client education

Provide client with value and peace of mind for pet

Increased compliance for medications and other recommendations

Affordable pricing to enhance compliance