

## The benefits of pre-anaesthetic testing

### SMOOTH RECOVERY

It is important to check that organs like the kidneys and liver are functioning well, so that they will be able to process the medications used during anaesthesia, such as sedatives and pain medication, to aide in a smooth recovery from anaesthesia.

### DETECT HIDDEN ILLNESS

Not all diseases are detectable through a full physical exam alone. Blood tests can discover hidden illness that may need to be treated before your pet can undergo anaesthetic.

### BLEEDING

If your pet is undergoing an anaesthetic procedure such as surgery, where bleeding is a possible complication, it is important for your veterinarian to know whether your pet has low red blood cells (anaemia) or low platelets before they start surgery.

### HYDRATION

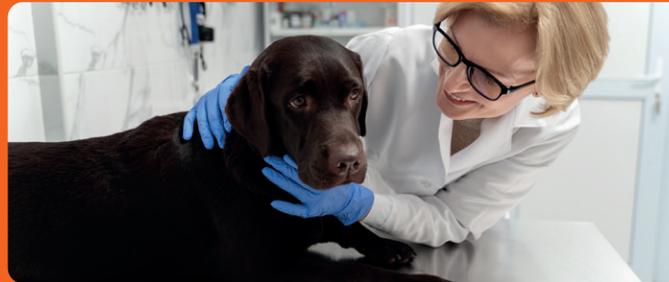
Anaesthesia can cause a reduction in blood pressure. Blood tests can provide information about your pet's hydration status and the results of these tests can help your veterinarian assess intravenous fluid requirements during anaesthesia. Appropriate fluid therapy allows for better management of hydration and blood pressure changes during your pet's procedure.

### BASELINE FOR FUTURE BLOOD TESTS

Your pet's blood results provide a baseline reference that is unique to your pet. This will be useful to your veterinarian should your pet become unwell in the future, as they will be able to see how much the test results have changed over time. Establishing a baseline also allows veterinarians to detect subtle changes or trends that may allow for earlier detection of disease.

## Ask your veterinarian about diagnostic testing for your pet

Your veterinarian may be able to **detect diseases earlier and treat them sooner with simple preventive diagnostic testing** designed for your pet. Diagnostic testing is also used to establish patient baselines to closely monitor your pet's health. This clinic uses Zoetis diagnostics to aid in the evaluation of your pet's health.



## Schedule preventative care visits

Preventative care visits with your veterinarian are the perfect time for you to ask medical questions, track behavioural and weight changes, and receive tips for at-home care. Some topics that may be covered during your visit include:

- ▶ Behaviour
- ▶ Osteoarthritis
- ▶ Elimination
- ▶ Nutrition
- ▶ Oral health
- ▶ Parasite control
- ▶ Vaccination
- ▶ Diagnostic screening

**Schedule your next appointment today!**

# Pre-Anaesthetic Testing

A PET OWNER'S GUIDE



## Pre-anaesthetic testing

If your pet is undergoing a procedure that requires sedation or anaesthesia, your veterinarian may recommend pre-anaesthetic testing. This testing involves an assessment of your pet's history, an examination and diagnostic tests. The aim of pre-anaesthetic testing is:

### TO REDUCE THE RISK OF ANAESTHESIA BY:

- ▶ Screening for diseases that may complicate the procedure
- ▶ Assessing your pet's ability to metabolise and clear the anaesthetic drugs effectively, thus contributing to a rapid and smooth recovery from anaesthesia

**Anaesthetic risk is determined by many factors including your pet's breed, health status, age and any pre-existing diseases or medications.**



## Pre-anaesthetic testing recommendations\*

Use the table below to see **what specific tests your veterinarian may recommend** based on your pet's physical exam, life stage, and individual needs.

	<p><b>CHEMISTRY PANEL</b> Provides information on several organ systems, important proteins, and electrolytes.</p>
	<p><b>COMPLETE BLOOD COUNT (CBC)</b> Provides information on red and white cell counts to detect anaemia, inflammation and platelets involved in blood clotting.</p>
	<p><b>URINALYSIS</b> Provides information on the urinary system and helps interpret the chemistry panel.</p>
	<p><b>COAGULATION TESTING</b> In addition to platelets, a system called the coagulation cascade must be working properly to control and stop bleeding.</p>
	<p><b>THYROID TESTING</b> Determines if the thyroid gland is functioning normally. Recommended for senior cats and dogs with clinical signs.</p>
	<p><b>BLOOD PRESSURE</b> Screens for hypertension or hypotension that can accompany certain diseases.</p>

Young Adult  
 Mature  
 Senior/Geriatric

\* Recommended by the American Animal Hospital Association and the American Association of Feline Practitioners.

## Reduce risks with pre-anaesthetic testing

Pre-anaesthetic testing helps determine which medications are safe to be administered, reduces the likelihood of complications, and may identify unseen diseases in your pet.

