

## Recommended Pre-Anesthesia Tests

### Labrador Retriever

- 1) Pre-surgical blood testing or Buccal Mucosal Bleeding Time for **Hemophilia** and **von Willebrand Disease**– an inherited bleeding disorder
- 2) Pre-surgical blood & urine testing for **Portosystemic Shunt** - A blood vessel abnormality that leads to a portion of the blood bypassing the liver and not being cleansed of metabolic toxins, prior to being re-circulated. The build-up of toxins leads to bladder stones and, in severe cases, neurologic symptoms like seizures.
- 3) Pre-surgical blood and urine testing for **Fanconi Syndrome** – a defective kidney resulting in loss of potassium resulting in increased water drinking and urination with muscle weakness from potassium loss.
- 4) **Hip & Elbow Dysplasia screening X-rays** – malformation of the hip and elbow joints causing arthritis

### Lhasa Apso

- 1) Pre-surgical blood testing or Buccal Mucosal Bleeding Time for **Hemophilia** - an inherited bleeding disorder
- 2) Pre-surgical blood & urine testing for **Renal Dysplasia**– A genetic kidney disease that leads to abnormal development of the kidneys which can lead to early kidney failure.

### Maltese

- 1) **Hip Dysplasia screening X-ray** – malformation of the hip joints causing arthritis
- 2) X-ray of knees if **Patellar Luxation** is present.
- 3) Pre-anesthesia Blood tests for **Copper Hepatopathy** – a defective removal of dietary copper and accumulation in the liver, resulting in anemia & liver disease
- 4) Pre-surgical blood & urine testing for **Portosystemic Shunt** - A blood vessel abnormality that leads to a portion of the blood bypassing the liver and not being cleansed of metabolic toxins, prior to being re-circulated. The build-up of toxins leads to bladder stones and, in severe cases, neurologic symptoms like seizures.

### Mastiff

- 1) **Hip Dysplasia screening X-ray** – malformation of the hip joints causing arthritis
- 2) Urine Nitroprusside test for **Cystinuria** - A chemical called cystine is created due to an inborn error of metabolism in the kidneys. Cystine forms small crystals in the urine that crystallizes into stones.
- 3) Eye retinal exam - **Retinal Dysplasia** – a retinal degenerative disease that may progress to total blindness

### Miniature Pinscher

- 1) Urine Nitroprusside test for **Cystinuria** - A chemical called cystine is created due to an inborn error of metabolism in the kidneys. Cystine forms small crystals in the urine that crystallizes into stones.

### Miniature Schnauzer

- 1) Pre-surgical blood testing or Buccal Mucosal Bleeding Time for **Hemophilia & Von Willebrand disease** - Inherited bleeding disorders
- 2) Pre- anesthesia Blood tests for **Hyperlipidemia (12 hour fasting blood test)** - excess fat in the blood stream that blocks blood vessels leading to the pancreas leading to acute pancreatitis – the goal is to identify this condition before any pancreas damage can occur .
- 3) Pre-surgical blood & urine testing for **Portosystemic Shunt** - A blood vessel abnormality that leads to a portion of the blood bypassing the liver and not being cleansed of metabolic toxins, prior to being re-circulated. The build-up of toxins leads to bladder stones and, in severe cases, neurologic symptoms like seizures
- 4) Pre-surgical blood & urine testing for **Renal Dysplasia** - abnormal development of the kidneys before birth with early kidney failure.

### Newfoundland

- 1) Pre-surgical blood testing or Buccal Mucosal Bleeding Time for von Willebrand Disease & Glomerulonephropathy.
- 2) Urine Nitroprusside test for **Cystinuria**
- 3) **Hip Dysplasia** screening X-ray