RECOMMENDATION FOR BLOOD GLUCOSE MEASUREMENT

**CAUSES OF HYPOGLYCEMIA IN DOGS AND CATS:**

- Iatrogenic: overdose of exogenous insulin, drugs
- Insulinoma, other tumors
- Toxine: Xylitol
- Hypoadrenocorticism
- Hepatic insufficiency
- Sepsis, Infections
- Renal failure
- Extreme exercise, Hunting dog hypoglycemia
- Long-term starvation, Malnutrition
- Neonatal Hypoglycemia
- Toy-breed Hypoglycemia

**CAUSES OF HYPERGLYCEMIA IN DOGS AND CATS:**

- Diabetes Mellitus
- Stress, aggression, excitement, fright
- Hyperadrenocorticism
- Acromegaly
- Diestrus
- Pancreatitis
- Tumors
- Renal insufficiency
- Head trauma, neurological diseases
- Drugs: Glucocorticoides, Progesterone, …
- Toxines: Ethylene glycol
- postprandial, during parenteral nutrition
TYPE 1 AND TYPE 2 DIABETES IN ANIMALS

RECOMMENDATION FOR PREVENTIVE MEASUREMENTS

• Middle aged dogs and cats without risk factors and clinical symptoms ➔ once a year

• Dogs and cats over 8 years with the occurrence of one or more risk factors ➔ four times a year

• Dogs and cats with diabetes – frequency recommended by veterinarian