Ethylene Glycol Toxicity

1. What is the minimum lethal dose of EG for a dog?
   a) 6.6 ml/kg
   b) 1.4 ml/kg
   c) 2.6 ml/kg
   d) 0.5 ml/kg

2. EG is metabolised by the liver into what?
   a) Glycogen
   b) Glucose
   c) Oxalic Acid
   d) Glycolytic Acid

3. Where in the body does Oxalic acid bind?
   a) Aorta
   b) Renal Tubules
   c) Urethra
   d) Bladder

4. What shape are the urinary crystals associated with this poisoning?
   a) Cuboid
   b) Round
   c) Diamond
   d) Coffin

5. The term ‘Anuric’ indicates?
   a) The patient is urinating excessively
   b) The patient is unconscious
   c) The patient is not producing urine
   d) The patient is struggling to urinate

6. What, per Willey et al 2016, should be administered to cats to induce vomiting?
   a) Xylazine
   b) Dexmedetomidine
   c) Alpha-2 Agonist
   d) Any of the above
7. What is referred to when the abbreviation CNS is used?
   a) Central Nervous System
   b) Central Neurons System
   c) Cat Nephron System
   d) Cardio-Neurology Syndrome

8. What antidote can cause respiratory or CNS depression?
   a) Tequila
   b) Charcoal
   c) Lactated Ringers
   d) Vodka

9. Signs of Hypocalcaemia can include
   a) Seizures
   b) Ataxia
   c) Arrhythmias
   d) All the above

10. Azotaemia is elevated levels of?
    a) Urea and Glucose
    b) Urea and Potassium
    c) Urea and Creatinine
    d) Potassium and creatinine