

DATE: ___/___/___ TX # ___/___ BODY WEIGHT IN LBS _____

CASE #: BODY WEIGHT IN KGS _____

CLIENT NAME:

PATIENT NAME:

M² (FROM CONVERSION CHART) _____

STREPTOZOTOCIN PROTOCOL FOR INSULINOMA
FOR DOGS ONLY!!!!

<u>Drug</u>	<u>Dosage</u>	<u>This animal's calculated dose</u>
Streptozotocin	500 mg/m ² IV q 3 weeks x 4 cycles	_____ mg

Renal failure is a significant side effect with this drug, best prevented with aggressive diuresis:

Rapid: walk animal hourly, wear gloves to clean up urine

Pre-hydration: 0.9% NaCl at 18.3 mL/kg/hr x 3 hours _____ mL/hour
_____ total volume

Streptozotocin: diluted in saline 36.6 mL/kg
given over 2 hours _____ total volume

Post-hydration: 0.9% NaCl at 18.3 mL/kg/hr x 2 hours _____ mL/hour
_____ total volume

To prevent post-administration nausea, at the end of streptozotocin infusion, treat with

Butorphanol (10 mg/mL): 0.4 mg/kg IM _____ mg _____ mL
can be repeated in 2-4 hours

Prior to each administration, a CBC and creatinine should be performed. Please call about dosage adjustments if the neutrophil count is < 2500, the platelet count is < 80,000, or the creatinine is > 1.2 mg/dL. A CBC should be performed 10 days after therapy. Broad spectrum antibiotics should be administered if the neutrophil count is < 1500.

PLEASE CONTACT THE ONCOLOGY SERVICE WITH ANY QUESTIONS AT
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