

Homework Assignment
Fluid Therapy

1. How can you tell if a mammal is well hydrated?
Well-hydrated: Lifting skin from the dorsal surface of the back & releasing it results in skin snapping back immediately. Check abdomen for “wrinkles”.
2. What are 2 indications that a mammal is 6-8% dehydrated?
Dry oral mucous membranes (mouth, vulva or rectal mucosa)
Definite delay in return of skin to normal
Discolored, dark urine (rabbits can be brown)
Slight prolongation of capillary refill time
Eyes possibly sunken in orbits
3. The cell membrane regulates the water molecules and concentration of solutes (salts, electrolytes) moving into and out of each cell. This is called _____ Osmosis
4. Fill in the blank: _____ Solutions can draw fluids out of the cells resulting in increased levels of dehydration. Hypertonic
5. What are the two categories of fluid therapy?
Replacement and Maintenance
6. Name one method of administering fluids:

Oral PO, Subcutaneous SQ, Intravenous IV
7. What is the maintenance level of fluids required for a Rabbit? During a 24 hour period?
50-100 ml/kg/day
8. Do not discontinue fluid therapy abruptly. How much should you decrease daily? -reduce by 25%-50% per day slowly.