



veteducation

fluid therapy in the neonate

assume hypovolaemia is present in neonates with

- diarrhoea
- vomiting
- reduced fluid intake



treatment of hypovolaemia

- isotonic crystalloid
- 45 ml/kg IV over 30-40 minutes

maintenance

- 3.3 ml/kg/hr

NEONATAL PUPPIES AND KITTENS

high fluid requirements

maintenance: 80 - 100 ml/kg/day

decreased cardiac function

low tolerance of hypovolaemia and hypervolaemia



poor vascular tone

reduced responsiveness to hypovolaemia

limited kidney function

risk of fluid overload and hypervolaemia with fluid therapy

monitoring:

- weigh patient q 2 hrs.
- lung ultrasound q 2 hrs.
- frequent TPR



Fluid Therapy in Small Animal Practice

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