

## Lab Questions

1. Non-bilious vomiting in a one-month old infant. No fever. No stools. Labs include  $\frac{143}{90} / \frac{8}{3.5} / \frac{32}{0.4}$  glucose 73
2. Bruising in a 2 yr old patient. CBC shows  $WBC > 11.9 < 55$  50% segs 30% lymphs 10% monos.
3. 2 month old looks a little pale on exam (in for cold without fever). Breastfeeding. Hemacue obtained, level is 9.5 gm/dl MCV 87. What to do next?
4. 9 month old exclusively breastfeeding infant hasn't really started solids yet. Also looks a little pale, Hemacue obtained and is 9.8 gm/dl MCV 65. OK or not?
5. 2 year old with Rotavirus diarrhea admitted from the ER. Vomited for two days and now with profuse, foul smelling diarrhea > 10 times today. Weight is down about 6-7% from baseline. Chem shows:

$\frac{146}{110} / \frac{12}{3.2} / \frac{15}{0.5}$  glucose 52 urinalysis is normal except for moderate ketones

Explain findings. What is AG?

6. 24 yr old G1P0 mom-to-be about to give birth. You find on reviewing tests that HBSAg is positive and further back in mom's history HbeAg is positive. What does it mean for infant and what is management?
7. 5 yr old patient with T-cell ALL complains of paresthesias and generalized weakness shortly after beginning induction chemo. He is on the monitor which shows peaked T waves. Labs show

$\frac{135}{105} / \frac{10}{7} / \frac{25}{0.8}$  glucose 89  
PO4 6.5 Ca 7.9 Mg 1.3