CDC Vaccines shows the child, adolescent, and adult vaccines recommended by the Advisory Committee on Immunization Practices (ACIP).

BiliTool is a free Web site that helps you assess risk in neonatal hyper-bilirubinemia using an hour-specific nomogram to make decisions about phototherapy. Currently it functions as a Web app. Point your Browser to bilitool.org and add this to your home screen for quick access. If you don’t know how to add a web app, ask a colleague or facilitator.

Use CDC Vaccines or Shots to answer the following questions:

1. How many doses of DTaP are given in the full childhood series?

2. When is MMR first administered? When can you administer the second dose?

3. A 4 month old comes in having missed all his two month vaccines. Do you give Rotavirus Vaccine?

4. A 12 month old comes in having never received Hib vaccine. How many doses are needed and what is the minimal interval between doses?

5. What vaccines are recommended for all pregnant women? Which ones are contraindicated?

Use BiliTool to aid your decision regarding phototherapy

You see your new patient, a 3 day old boy born at 36 ½ weeks with jaundice, he is quite yellow. He is otherwise well but had some problems with temperature stability. His Stat bili you order (at 76 hours from birth) is 15.2 mg/dl.

1. What is his risk zone, and should you recommend phototherapy?

2. What would be your threshold to start phototherapy?
Use Epocrates built-in Pediatric dose calculator to calculate appropriate dosing

A 6 month old is brought in with fever and looking unwell. Her appetite is down and she has a bilateral otitis media. She weighs 18lbs. Look up dosing for Amoxicillin for otitis media and use the built in Pediatric dose calculator to calculate the right dose.

1. What is the dose in mg/kg?

2. What is her 24 hour dose in ml?

3. How much per dose?

4. Extra credit!! She has no insurance and mom wants to get the drug as cheaply as possible. Could she go to Target and get it as part of its $4 program? How about Wal-Mart? How can you add Insurance formulary and discount program information to Epocrates?