

June 12, 2006

There appears to be an error by a factor of 1,000 in the med handout for Glucagon. As distributed the handout lists the adult dosage for beta blocker overdose as 50 to 150 **mg**/kg IV over 1 minute. This seemed high so I checked a drug guide and it listed the dose for beta blocker overdose as 50 to 150 **mcg**/kg followed by a 1-5 mg/hr infusion. I confirmed that information with the poison control center.

The handout lists the same dose for (50-150 mg/kg) for peds. My drug guide doesn't specify the pediatric dose but per the poison control center the ped dose is the same - 50 to 150 mcg/kg. However on page 318 of the PALS manual (bottom right) it says "In younger children clinicians have used bolus doses of 0.05 to 0.1 mg/kg up to 1 mg." This is the same as 50 to 100 mcg/kg up to 1 mg so the AHA PALS manual specifies a lower dose than poison control.

Unrelated to the dose schedule, the PALS manual also mentions "Note that the diluent supplied by the manufacturer contains phenol. You should not use this diluent with large bolus doses and subsequent continuous infusion because phenol may cause hypotension, seizures, or arrhythmias. If a dose greater than or equal to 2 mg is needed, reconstitute the glucagon in sterile water to a final concentration less than 1 mg/mL."

As always, this information is what I found but be sure to defer to Andy to see what he wants us to use for testing purposes.

Bob