**Injecting into an IV port**

1. Close off all IV lines first
   1. Use port closest to pet that can be easily accessed
   2. Be sure all clamps between the pet and the port are open
   3. Be sure at least one clamp above the port is closed – preferably 2
   4. If the injection will take more than 5 seconds, turn off the IV pump
2. Check to be sure the port is clean – no vomit, saliva or debris has gotten onto it. If there is any concern, clean it well and wipe with betadine.
3. Inject using a 22-20 gauge needle, directly into the center of the port
4. Inject smoothly and as quickly as the medication allows. If it does not flow smoothly, remove the needle and go back to number “1” above.
5. Some medications must be given slowly over time. In these cases
   1. Do not turn off fluid pump
   2. Inject a small volume in to the line and then unclamp the line and let the pump run
   3. Repeat this process every few seconds to minutes until the entire volume has been injected. Your timing will be based on how slowly the product must be injected and how much volume there is to inject.