

# ANIMAL INJECTION PROTOCOL

- 1) Give injections in the neck.
- 2) Give subcutaneous shots when possible. Choose products formulated and labeled for injection under the skin rather than intramuscular.
- 3) Use 16 or 18 gauge, ½ or ¾ inch needles for subcutaneous shots.
- 4) Use 16 or 18 gauge, 1 1/2 inch needles for intramuscular shots.
- 5) Change needles immediately if the needle bends; if the needle becomes contaminated with feces, dirt, or irritating chemicals; if the needle point is damaged or a burr develops; and before the needle becomes dull (every 10 to 15 head).
- 6) Never inject more than 10cc intramuscularly. Keep injection sites 4 inches apart.
- 7) Do not combine products in the same syringe. This can cause tissue damage and will reduce or eliminate product effectiveness.
- 8) Keep equipment clean using hot water and disinfectant. Do not use disinfectant on equipment used for live virus vaccines (e.g. Bovishield, Pyramid). Disinfectants can leave residues, which destroy these vaccines.
- 9) Always keep the vaccine cool while you process cattle. Keep the working bottle of vaccine and syringes in a cooler. Unused and unmixed product should be in a closed, refrigerated container until used.

