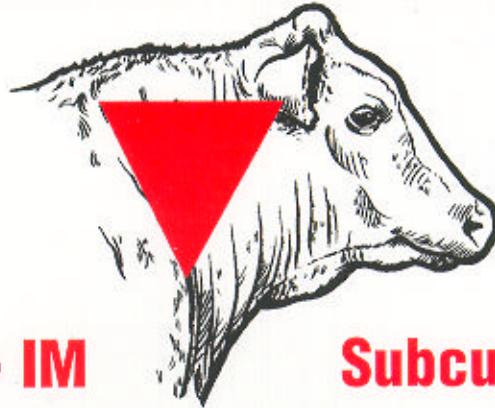


INJECTION TECHNIQUES FOR BEEF CATTLE

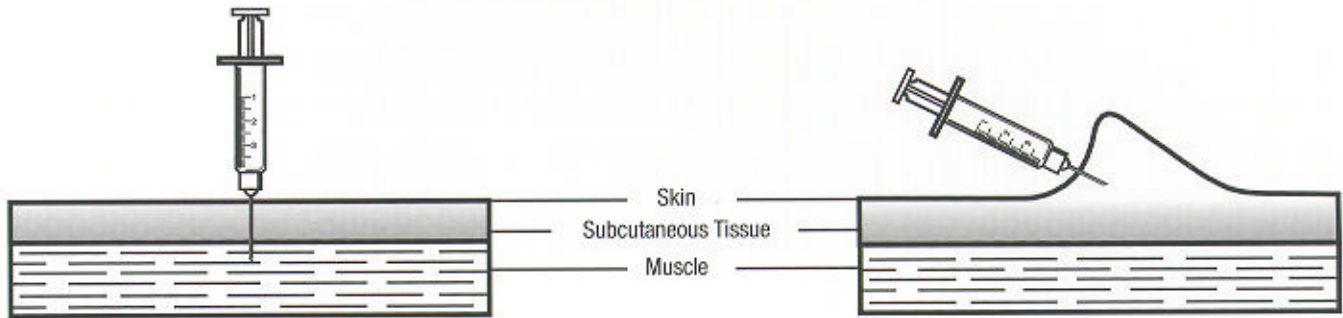


Intramuscular - IM

All intramuscular injections should be given in the neck muscle behind the base of the ear and ahead of the shoulder point. Use a 1-1½" - 16-18 gauge needle.

Subcutaneous - SC

To minimize carcass damage, insert needle into loose, tented skin of neck in front of shoulder (preferred injection method). Use a 1 inch 16-18 gauge needle.



Use the appropriate size needle size for type of injection and size of animal.

More about injection procedures:

- ✓ Read the product label.
- ✓ Observe withdrawal times.
- ✓ Consult a veterinarian on proper use of all medicines.
- ✓ If your veterinarian recommends a dosage or administration procedure different from label, the withdrawal time may change.

If a needle breaks:

- ✓ Mark the animal immediately.
- ✓ Try to retrieve the broken needle.
- ✓ If it cannot be retrieved, mark the animal permanently.
- ✓ Enter a note in your records (including animal ID).
- ✓ Call packer before shipping so animal is processed separately.

Inject small amounts at one site: Not more than 10 mL (cc) maximum per site.

When injecting cattle:

- ✓ Do not give injections into the top hip or thigh.
- ✓ Avoid injecting through dirty skin.
- ✓ Inject small amounts at one site: not more than 10 mL.
- ✓ Change needles every 10 - 15 uses.
- ✓ Change needles when bent, dull or contaminated with manure.
- ✓ Do not straighten or reuse a bent needle.
- ✓ Clean needles and syringes with hot water between uses.
- ✓ If a disinfectant is used to clean the needles and syringes, rinse thoroughly before using.

Drug Storage:

- ✓ Don't put a needle back in a bottle after it has been used.
- ✓ Store medicines in a clean, dark cupboard or refrigerator (according to label directions).
- ✓ Check that refrigerator temperature is between 2-7 degrees C.
- ✓ Do not store medicines with needles in caps.
- ✓ Check expiry dates regularly and discard those past date.
- ✓ Discard medicines that have changed in appearance (discoloured or thickened).
- ✓ Remember expiry date is reduced as soon as bottle is open.

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