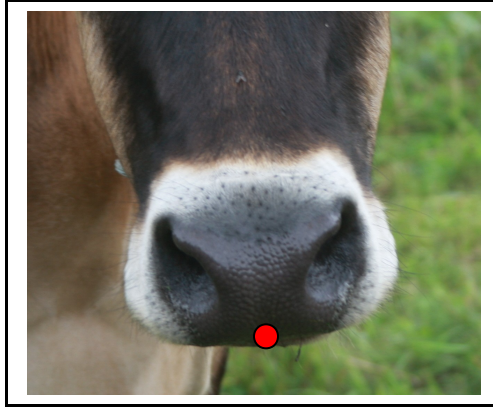


## NEONATAL RESUSCITATION CLIENT EDUCATIONAL HANDOUT



- Before you begin to assist a cow with the delivery of her calf, be sure to have a sterile 20 or 18 gauge needle handy.
- If you deliver the calf and it is not breathing, insert the needle immediately at the position shown above; the correct insertion site on the newborn calf is on the midpoint of a line connecting the bottom of the nostrils.
- You must forcibly tap the bone with the tip of the needle – if you do not feel bone with the needle, redirect your insertion angle or continue deeper. Bone will be approximately  $\frac{1}{2}$  to  $\frac{3}{4}$  inch deep to the skin surface.
- Act as though you are trying to wake the calf with your tapping – you are!!
- If you tap for 5 minutes and the calf does not breathe and you see no visible heartbeat on the chest, the respiratory centers of the calf's brainstem are damaged beyond reasonable help.

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