

# BLEEDING

JUGULAR GROOVE / PREWEAN OR NURSERY PIG

1. OPEN CAMERA APP
2. FOCUS ON QR CODE
3. TAP BANNER TO WATCH VIDEO



## CONSIDERATIONS:

- CONSULT WITH YOUR VETERINARIAN TO DETERMINE THE CORRECT TYPE OF BLOOD TUBE AND THE AMOUNT OF BLOOD TO COLLECT FOR YOUR DESIRED DIAGNOSTICS.
- WHEN USING SYRINGE, PULL BACK PLUNGER TO BREAK SEAL PRIOR TO PUNCTURING SKIN.
- WHEN USING VACUTAINER™, PUNCTURE SKIN WITH NEEDLE BEFORE PUSHING THE TUBE ON THE HUB NEEDLE.
- IF UTILIZING VACUTAINER™ AND VACUUM IS LOST ON THE TUBE, EITHER USE A NEW TUBE OR FILL TUBE WITH NEEDLE AND SYRINGE.
- NEVER STRAIGHTEN A BENT NEEDLE, REPLACE WITH NEW.
- FOR SAFETY, BE AWARE OF PEN SURROUNDINGS FOR HAZARDS AND CURIOUS ANIMALS WHEN COLLECTING SAMPLES.
- USE PERSONAL PROTECTIVE EQUIPMENT.
- USE CLEAN SUPPLIES TO AVOID SAMPLE CONTAMINATION.
- LABEL SAMPLES WITH PERMANENT MARKER.

## SUPPLIES:

☐ BLOOD TUBE

☐ SYRINGE (OR VACUTAINER™ HUB)

| <input type="checkbox"/> NEEDLES | AGE     | GAUGE                 |
|----------------------------------|---------|-----------------------|
|                                  | PREWEAN | ..... 20 x 3/4" or 1" |
|                                  | NURSERY | ..... 16 or 18 x 1.5" |

## ANIMAL RESTRAINT:

(PERSON 1)

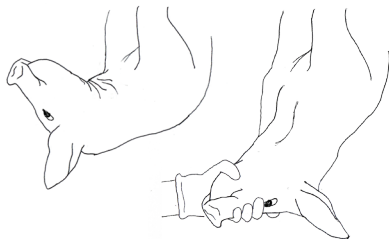
REFER TO PIGLET BLEEDING RESTRAINT INSTRUCTIONS ON RESTRAINT PAGE

## COLLECTION INSTRUCTIONS:

(PERSON 2)

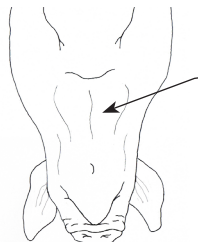
### STEP 1.

PERSON COLLECTING BLOOD, USE NON-BLEEDING HAND TO GENTLY EXTEND NECK, BEING AWARE TO NOT RESTRICT BREATHING.



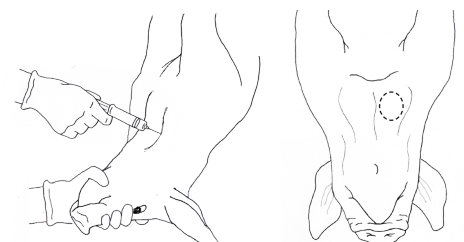
### STEP 2.

COLLECT BLOOD FROM JUGULAR GROOVE WITH A BLIND STICK, STARTING ON THE PIG'S RIGHT SIDE PREFERABLY.



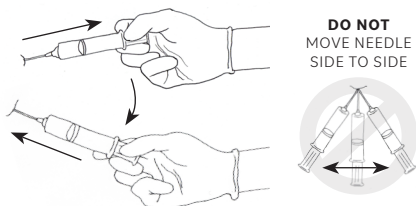
### STEP 3.

ENSURE NEEDLE IS PERPENDICULAR TO THE SKIN. THE DEEPEST PART OF THE JUGULAR GROOVE IS THE ENTRY POINT.



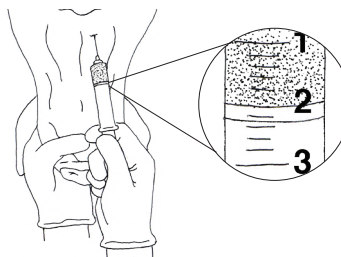
### STEP 4.

ADJUST NEEDLE ANGLE AND DEPTH UNTIL BLOOD FLOWS. TO REPOSITION, PULL BACK, ADJUST ANGLE, INCREASE OR DECREASE DEPTH.



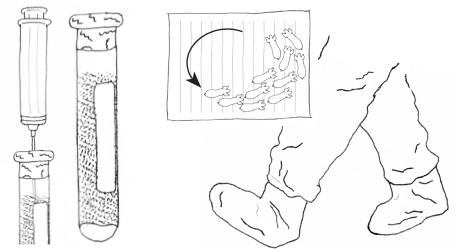
### STEP 5.

ONCE BLOOD IS FLOWING, COLLECT A MINIMUM OF 2 ML. FOR FUTURE REFERENCE, NOTE THE POSITION AND DEPTH BEFORE REMOVING THE NEEDLE.



### STEP 6.

TRANSFER BLOOD FROM SYRINGE TO BLOOD TUBE. CHECK ANIMALS TO CONFIRM NORMAL ACTIVITY IN PEN WHEN BLEEDING IS COMPLETE. PROMPTLY CHILL SAMPLES FOR SHIPMENT.



## SUBMISSION INSTRUCTIONS:

REFER TO SAMPLE SUBMISSION INSTRUCTIONS ON SAMPLE SUBMISSION PAGE

#### COLLABORATORS:

These materials were developed through a collaborative process between Swine Medicine Education Center, Center for Food Security and Public Health, American Association of Swine Veterinarians, National Pork Board, Multistate Partnership for Security in Agriculture and United States Department of Agriculture.

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#### ILLUSTRATIONS:

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