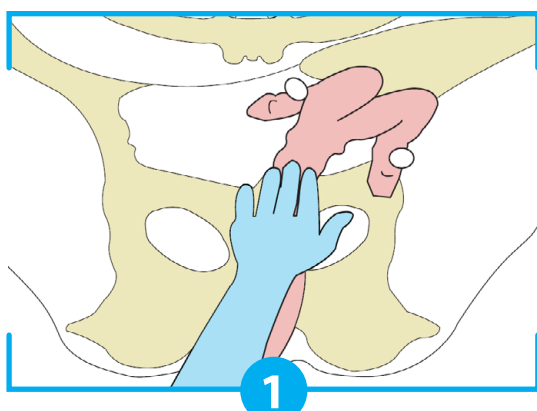




Bovine Artificial Insemination

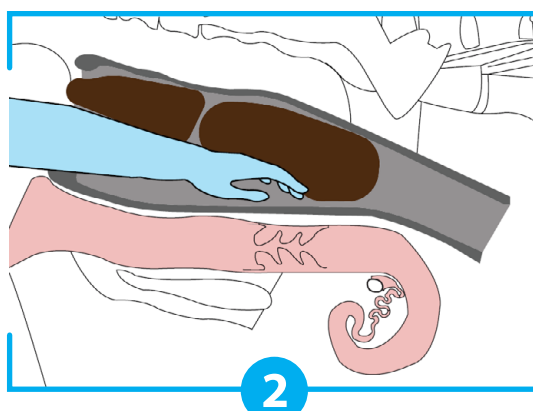
The following information details the process for bovine artificial insemination.

NOTICE: All information on this poster comes from subject matter experts who contributed to the creation of our Bovine Breeder™ artificial insemination simulator and its curriculum.



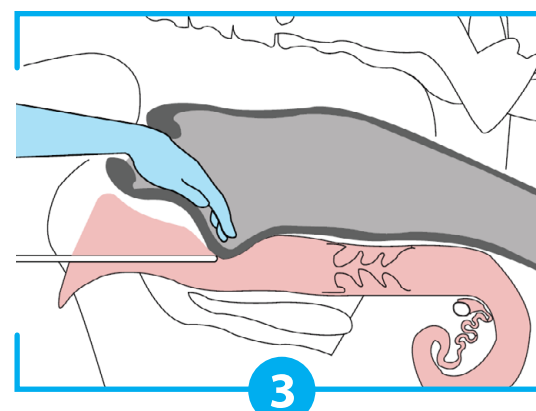
1 Locate the Reproductive Tract

Place your gloved hand in the anus of the cow with your hand in a cupped position. Once inside the rectum, manipulate the reproductive tract to find the cervix.



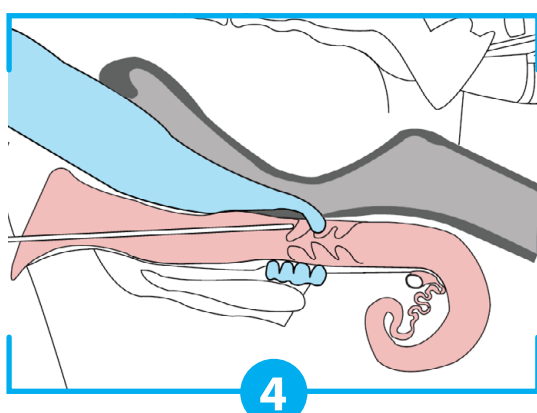
2 Remove Feces from the Reproductive Tract

Remove any feces from the tract to feel the cervix easier. Cup your hand and scoop towards you. Do not completely remove your hand, as this will allow air to enter the rectum.



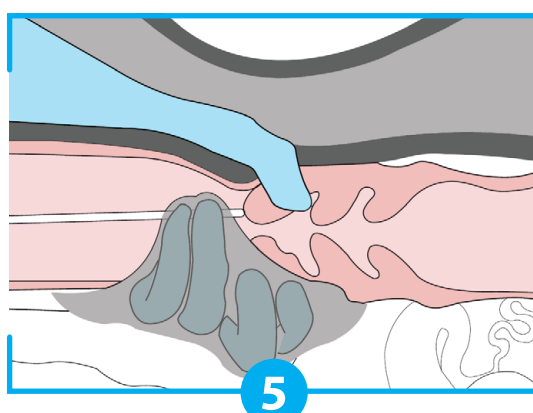
3 Find and Insert the AI gun

Find the cervix with your hand through the rectum. Clean off the vulva and insert the AI gun at a 30-45-degree angle to pass over the bladder.



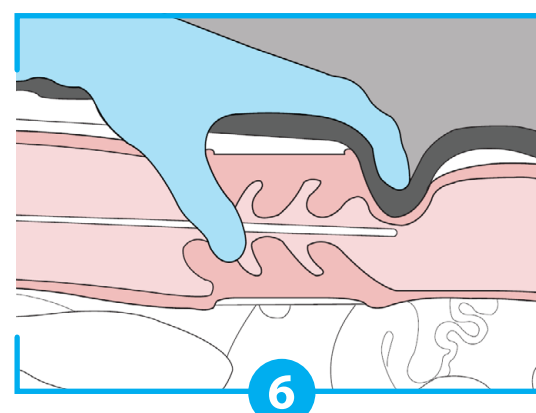
4 Guide the AI gun through the Cervix

Guide the AI gun through the reproductive tract (apply slight pressure to the AI gun, have the hand in the rectum do the work). When opening to the cervix, try to stretch the cervix forward to create a more direct route to the cervix.



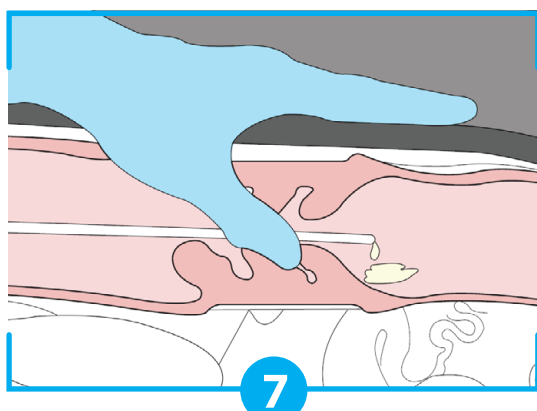
5 Move through and Manipulate the Cervix

Use your hand in the rectum to clamp down on the cervix and maneuver the AI gun into the opening of the cervix. Once inside the cervix, move the AI gun tip to pass through the cervix rings (use gentle, steady pressure).



6 Get through the Cervix

Use your hand in the rectum to feel for the tip of the AI gun. The AI gun will appear at the end of the cervical rings once it has passed through. At this point, you can move the AI gun into either uterine horn.



7 Deposit the Semen

Deposit the semen into the small uterine body (the body of the uterus is only $\frac{3}{4}$ -2 inches long). When making the deposit, count slowly to 10 to not risk shearing sperm cells that leave the straw.



Contact us today to learn more about the Bovine Breeder™ artificial insemination simulator.

