

difficult, but possible with training.

Rapid identification of the major mastitis pathogenesis an important advantage of the HY Lab Diagnostic Kit. This system can be used by the producer with minimal training because the color changes in the media are as, or more, important than colony morphology. The simple inexpensive incubator completes the package. The ultimate advantage is that the pro-

ducer can select a treatment course more quickly and accurately.

The benefit to the producer is the selective use of antimicrobial therapy in cases of Gram + mastitis and the initiation of oxytocin or systemic therapy in Gram - mastitis. For those who are certain that treating *Staph. aureus* cows during lactation is pointless, this system allows a true diagnostic rule-out.

Calf Delivery Tools of the Trade

William T. Berry, DVM
28940 Elkwood Section Road
Ardmore, AL 35739

Few times when one is young and stubborn, our physical strength overpowers our mental capability. There was a time early in my practice career when I thought I could deliver any calf by brute strength.

As we grow older and hopefully wiser, we begin to use our mind instead of our strength. As a result of increasing age and hopefully being smarter, I designed several helpful devices to make dystocia in the cow more bearable.

The first instrument is a de-gloving instrument. Shaped much like a 180 degree shoe horn on a "T" handle, it aids in removing the skin from the muscle of the front leg. The length of the instrument is 13 inches.

The second instrument is a 32 inch repelling instrument with a "T" handle in one end and a half circle in the other end to fit under the calf's tail head. The third instrument is a 32 inch "T" handle with a three-fourths circle on the other end to grab the calf's hock. These instruments are similar to some on the commercial market but seem to me to be more usable. The thickness of all the rods is three-eighths inch.

I have another instrument that I also use in delivering calves. It is a modified double come-a-long fetal extract. I would probably quit large animal practice if I could not use it.