

# TRI STATE STOCKER CONFERENCE AUGUST 5, 2021

Lew Strickland DVM MS DACT  
Extension Veterinarian  
University of Tennessee

# HEALTH MANAGEMENT

- Categorize cattle “RISK” at the start
- Planned receiving program
- Sound vaccination program ‘
- Simple and applicable treatment programs
- Practice “low-stress” in all programs
- Workable facilities and labor

# RISK CATEGORIES

- Low– yearling and weaned, preconditioned calves on sound nutritional programs
- High– Unexposed Fresh, weaned calves from single source and naïve to environmental and health risks
- High– Exposed Recently weaned, multi-source, commingled calves from auction markets under high stress

# FIRST 2-4 WEEKS AFTER ARRIVAL IS MOST CRITICAL STRESSORS:

- Stressors: Market
  - handling – trucking – processing
- Environmental changes
  - physical adaptation
- Nutritional changes
  - rumen function
- Disease challenges
  - immune system
- Social adjustments – commingling

# BEST MANAGEMENT PRACTICE

- Receiving feeds and rations
- High quality grass hay and fresh clean water
- Clean, quiet, uncrowded receiving pen
- Rest and adaptation
- Limited, highly palatable, high-TDN feeds
- Utilizable protein and minerals/vitamins
- Adequate bunk space
- Early observation for health and feed intake



# INCOMING



- Feed bunk water troughs
- Forced to walk by
- Allowed 1' bunk / 200 sq ' pen space / hd
- Once acclimated
- 6-9" bunk / 150 sq ' pen space / hd

# NUTRITION

- Quality grass hay 50-75% concentrate
- Concentrate slowly increased
- Vitamins and minerals
  - Cu, Zn, Fe, and Se
  - associated with strong immune response
- Probiotics/Yeast

# BMP

- Disease prevention
- Pull and isolate sick and injured animals early
- Vaccinations Metaphylactic antibiotics
- Feed-medications for coccidiosis
- Internal and external parasite control Internal and external parasite control
- Record-keeping of all procedures/treatments



# BMP

- Vaccinate 24 to 36 hrs. after arrival
- DO NOT DELAY PROCESSING
- Highly recommended IBR – PI3: Intra-nasal and systemic,
- MLV BVD – type 1 and 2
- MLV BRSV
- Mannheimia-Pasteurella: Toxoid-Leukotoxoid
- Clostridial
- Booster viral vaccines 10 – 21 days

# MANAGEMENT OF BRD

- Control of BRD
- Metaphylaxis in high risk calves
- Identification of all BVDV PI's
- Calves remain segregated until test results return

# MANAGEMENT OF BRD

- Treatment of BRD
- Establish and follow evidence based protocols
- Clear case definitions
- Designate when to treat
- First line antibiotics
- How long to wait for retreatment
- Second and Third line antibiotics
- **RECORDS !!!**

# METAPHYLACTIC TX

- Mass medication of all individuals upon arrival Approved injectable antibiotics:
- Micotil (Elanco)
- Tetradure (Merial)
- Nuflor (Schering/Plough)
- Excede (Pfizer)
- Draxxin (Pfizer)



# FEED MEDICATION STRATEGY

- Coccidiostat
  - prevention/control of coccidiosis
- Deccox
- Rumensin
- Bovatec
- Incorporate in starter/receiving ration for 21 to 28 days
- Cost-effective in most stocker cattle operations



# BVD CONTROL

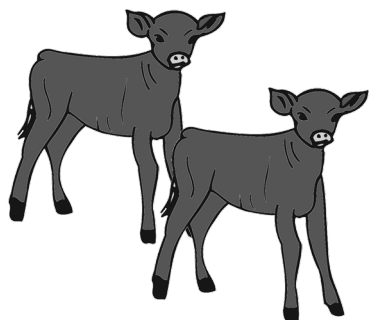
- Test all your cattle for BVD persistent infections.
- Vaccinate your cattle annually with a modified live vaccine

Herd Health Incentives	
Required	\$/head
TAEP Herd Health Protocol	\$15
Optional	\$/head
840 EID Tags	\$2
BVD-PI Test	\$5
Pregnancy Exam Palpation/Ultrasound	\$5
Treatment for external and internal parasites	\$5
Respiratory Booster Vaccination	\$10
Breeding Soundness Evaluation (BSE)	\$25

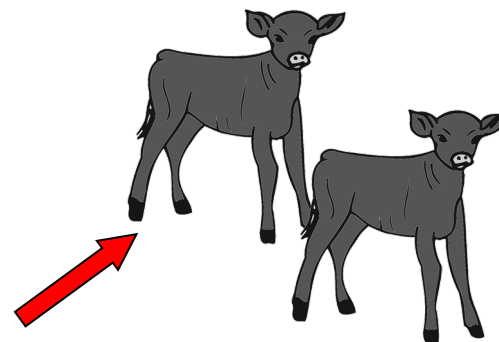
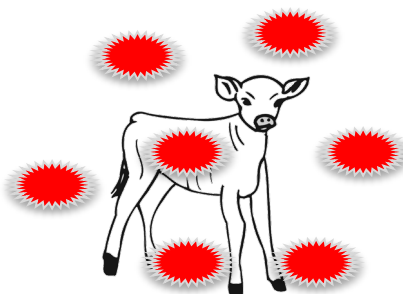


# 1 CALF INFECTS HERD MATES

Diarrhea



Pneumonia





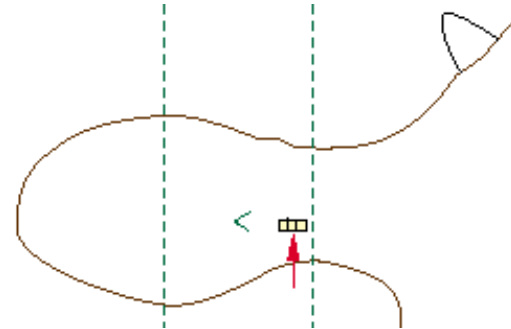
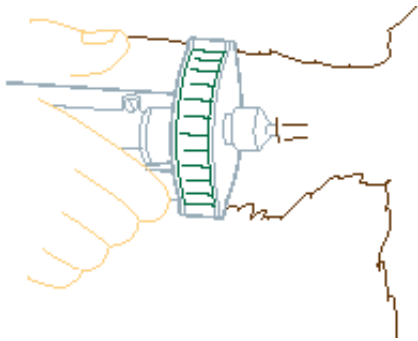
# DEHORNING

- Keystone/ Cutters
- Tipping



# IMPLANTING

- Significant increases in weight gain and feed efficiency.



# CASTRATION

- **How**
  - Elastrator
  - Teat Razor
  - Newberry Knife
  - Burdizzo
  - Bloodless>> Tetanus Toxoid @ time of use!!!!!!!!!!!!!!

# CASTRATION TOOLS



Real. Life. Solutions.



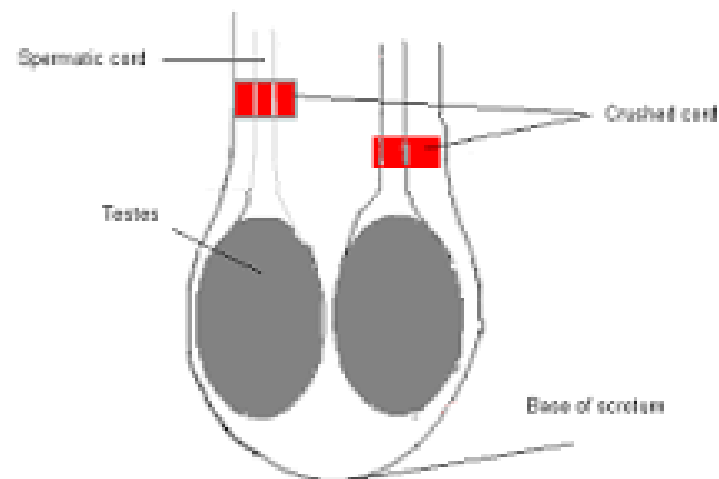
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# HENDERSON TOOL





# DID I MENTION TETANUS!!!



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# EVALUATION

- Excessive coughing?
- Nasal/Ocular discharge?
- Mucopurulent?
- Segregated backs arched?
- How long on truck?



# ANTIBIOTICS

- Chlortetracycline, oxytetracycline, bacitracin and tylosin
- Only tylosin is approved for use in combination with monensin
- oxytetracycline for use in combination with lasalocid.
- Coccidiostats (Corrid), (Deccox), (Bovatec) (Rumensin) are approved for control of coccidiosis

# FDA RULING

- Veterinary Feed Directive 1/17
  - Promote judicious use of antimicrobial drugs in food animal
- Voluntary removal of feed through antibiotics to enhance growth

# RULING

- OTC feed additive antibiotics are script only
- Veterinary supervision/script
- Drugs prescribed on basis of treating disease
  - No longer for production purposes

# WHAT DRUGS ARE SCRIPT ?

- Medically important drugs
  - Used to treat human disease
  - Erythromycin, penicillin,
  - Cephalosporins, tetracycline, florfenicol
- [www.fda.gov](http://www.fda.gov)



# VCPR

- Veterinary Client Patient Relationship
- The veterinarian has assumed the responsibility for making clinical judgments
- Veterinarian has seen the animal within the last 12 months or at least annual visits to the premises where the animals are kept.
- Vet readily available or has arranged for emergency coverage for follow-up evaluation in the event of adverse reactions or the failure of the treatment regimen.

# VCPR

- Veterinary Client Patient Relationship
  - Intimate working knowledge
- Veterinary Feed Directive
  - Under supervision and compliance
  - Antibiotics added to feed
- Treatment **only**
- Not for production





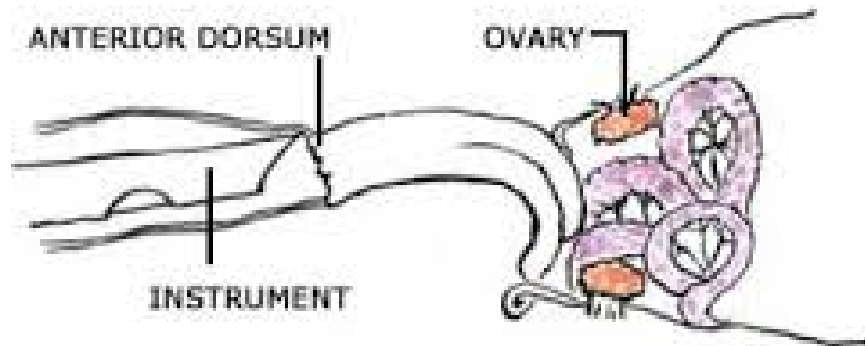
# RECENT ADDITIONS

- Aureo S<sup>®</sup> & Bovatec<sup>®</sup>
  - Beef steers & heifers wt gain
- CycleGuard<sup>®</sup> 500
  - Beef heifers wt gain estrus suppression
- Vetmulin<sup>®</sup>
  - Swine dysentery/pneumonia
- Optigrid<sup>®</sup> 45
  - Cattle fed in confinement wt gain

# VACCINATIONS

- Within 24 – 48 hrs
- IBR, PI3, BVD, clostridia
- Implant, deworm
- Treat for external parasites, tip horns
- Castrate, brand or eartag
- Booster vaccines on “green” calves

# SPAY HEIFERS



# SUMMARY

- Prepare for receiving 24 hrs prior
- Process cattle < 72 hrs
- Access to water/ feed < 3 hrs
- Observe 2x daily minimum
  - Pull sick/treat
- Gradual changes

# QUESTIONS/DISCUSSION PLEASE



~ ~ DEJA MOO ~ ~

It's the feeling you've  
heard this bull before!

[motifake.com](http://motifake.com)

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