

Management of Persistently Infected BVD Cattle



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Bovine Viral Diarrhea Virus

- What do we do after we find a PI animal?
- Make sure we have confirmed PI status!!!!!!
- Once confirmed.....
 - Ethical questions
 - Practical questions

4 S's to BVD PIs

- Shoot
 - Not feasible, need indemnity program first

- Salvage slaughter

- Seclude

- Sell
 - Full disclosure
 - Not recommended

Permanent identification?

Transitional diseases of beef industry

Which one is diseased?

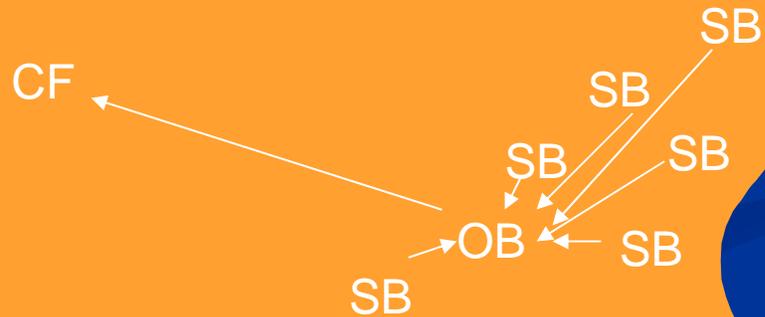


BVD PI in a cow herd

- Brucellosis eradication
 - Positives branded and finished in quarantine facilities
- Immediate removal from breeding animals
 - After confirmation
- Slaughter
- Seclude - Feed to meet a marketing window
- Sell
 - Full disclosure
 - Feeder situation

Biosecurity??????

ONE ORDER BUYER = 32 SALE BARNs



Selling disease is not new to the beef industry!!!

Earlier detection?

- People want early detection of feeder calves?
 - OK if permanent identification
- What do we do with them at the point of origin?
- Cow/calf disease
 - We must remove the source
 - Vaccination program

Which of the following calves are PIs?



Positive





Positive



Negative

Positive



Negative



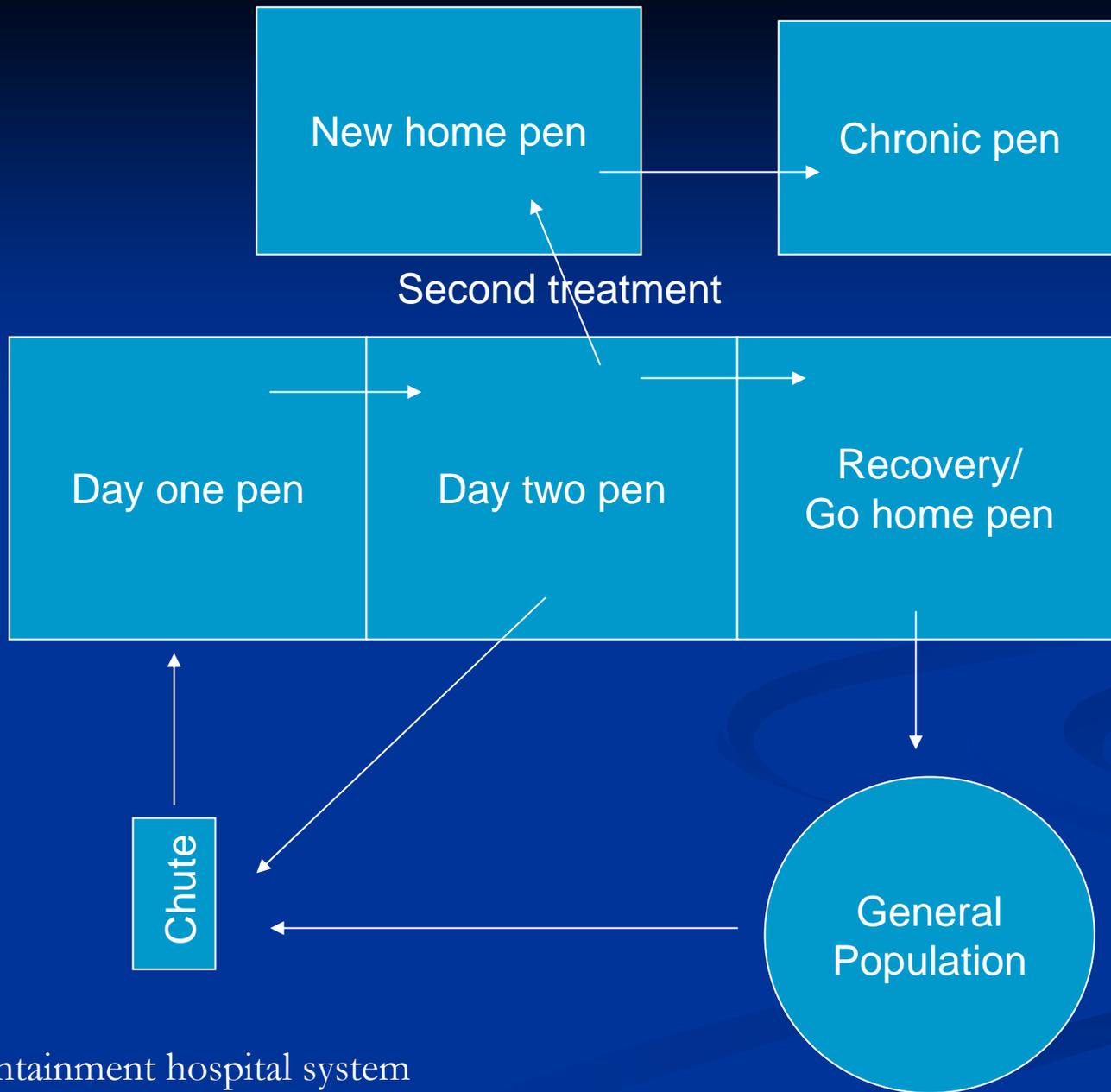
What should I do with a BVD PI in a stocker/feeder situation?

- Shoot?
 - No indemnity program
 - Not feasible
- Salvage slaughter – end point?
 - 50% of PIs die/railed
 - .3 % of cattle on arrival
 - 3 % of all deads or railers



What should I do with a BVD PI in a stocker/feeder situation?

- Seclude
 - Biosecurity practices
 - More concentrated in morbid animals
- Restart program
 - Recycled/marketing
- Biocontainment system in feeding operation?



Biocontainment hospital system

- Fence provides no barrier to BVDV.
- Nose-to-nose contact at waterers



What should I do with a BVD PI in a stocker/feeder situation?

- Selling PI calves
 - Not recommended
 - Full disclosure
 - Permanent identification
 - No ability to move the cattle could keep people from testing
 - Managing a cow/calf problem in the feeding sector

Selling chronically ill cattle

- Humane issues
- Industry issues
 - Railer sales
 - Slaughter
- Biosecurity



Producer responsibility

- Preconditioning for the feedyard
 - Premiums or deductions
- Disease screening and EID?
- We can't be police officers
- Focus on those who want to do it right.



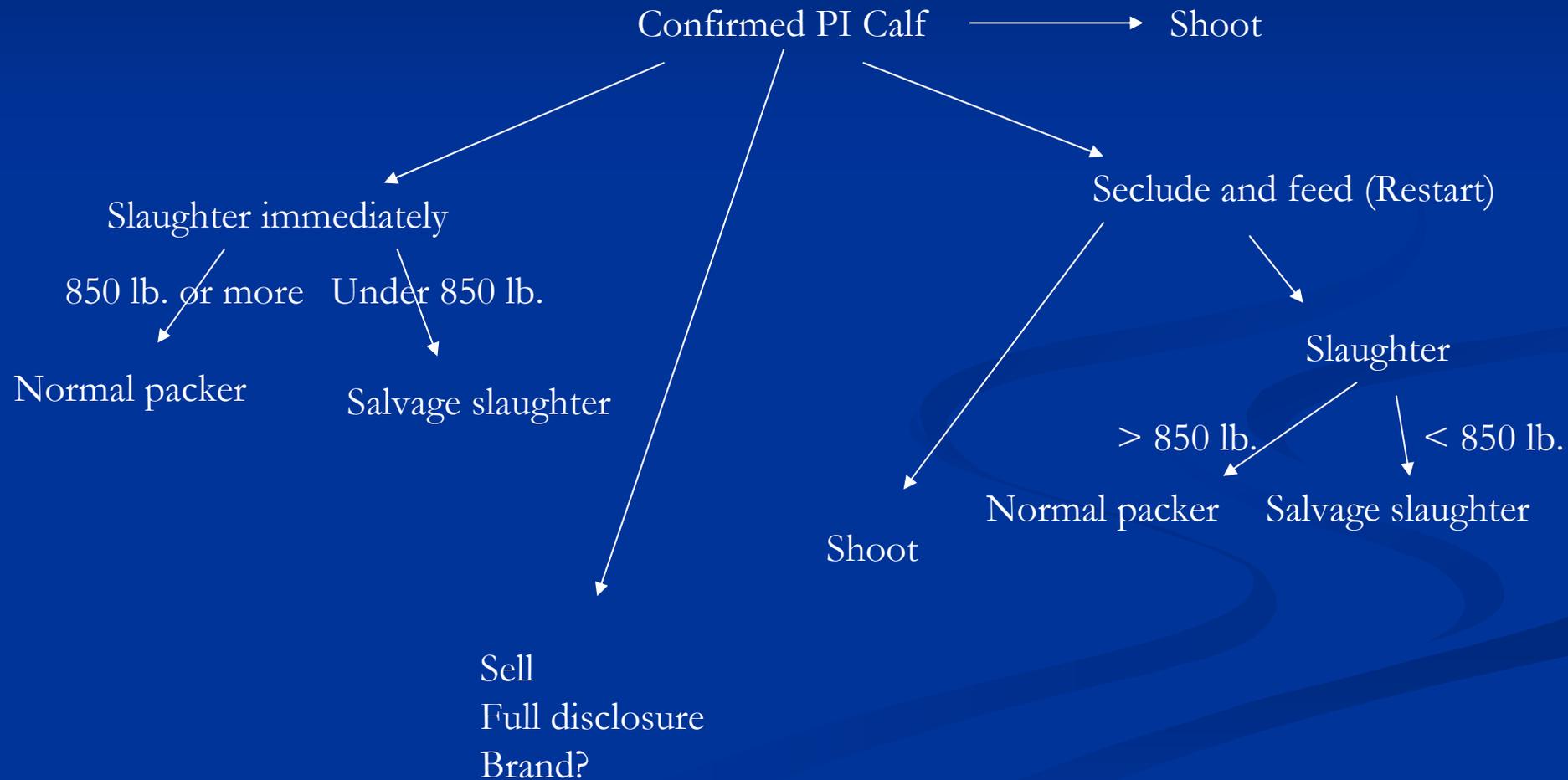


Cattle buyer



Veterinarian

BVD PI Decision Tree



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- Sell
 - Full disclosure
 - Not recommended



Promote good clients and teach them biosecurity!!!!!!

Acknowledgements

- Dr. Guy Loneragan
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