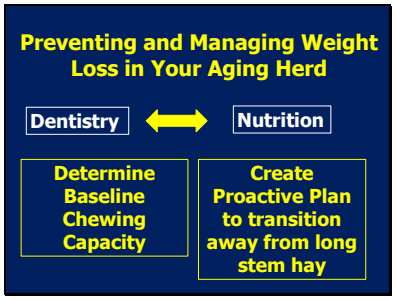
Slide 1

Slide 2



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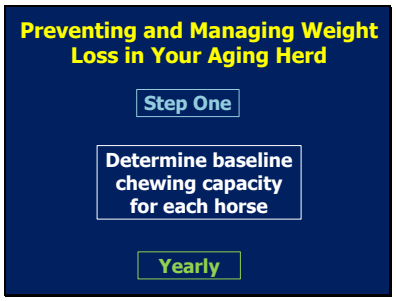


Slide 4

Preventing and Managing Weight Loss in Your Aging Herd

Step Two

Determine baseline Body Condition Score and Topline Evaluation Score

Twice Yearly

Slide 5

Preventing and Managing Weight Loss in Your Aging Herd

Step Three

Introduce Nutritional Adjustments and Monitor Progress

Every two weeks

Slide 6

Preventing and Managing Weight Loss in Your Aging Herd

Part I

Dental Anatomy Foundation

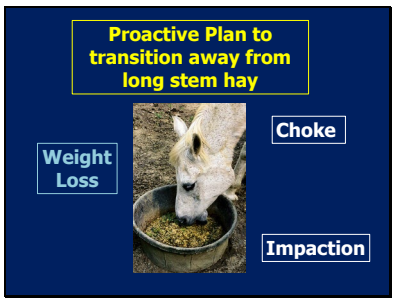
Step One

Part II

Hands On : Steps Two & Three: Skulls & Horses

Case Studies

Slide 7

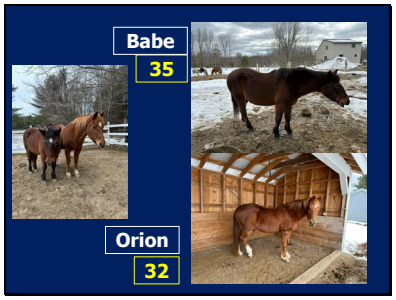


Slide 8

Slide 9

Slide 10

Slide 11



Slide 12

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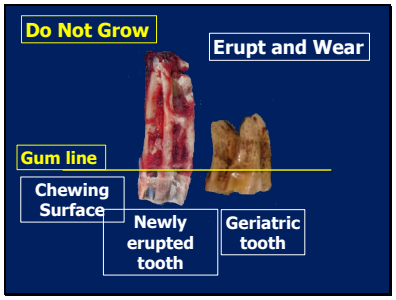

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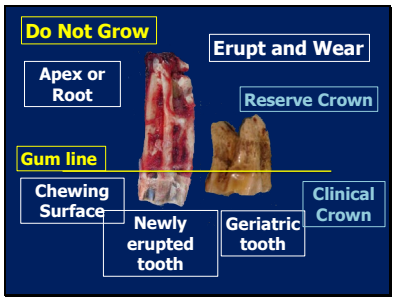

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Slide 20

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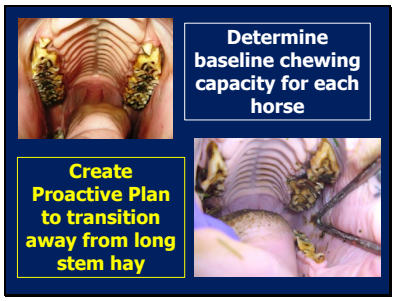

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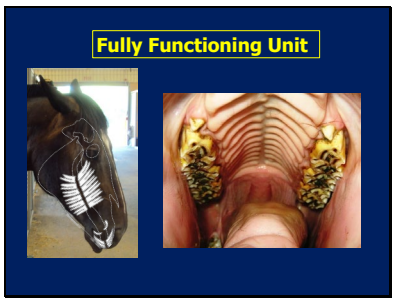

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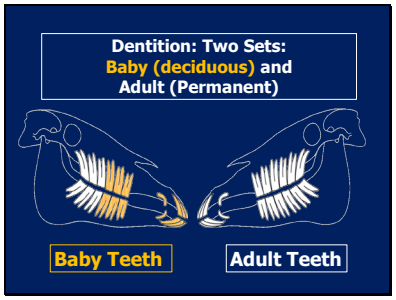

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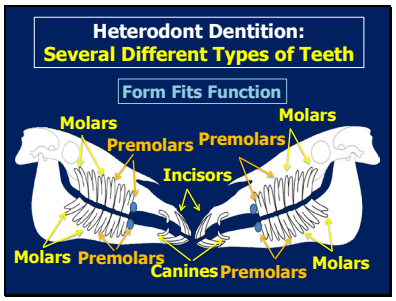

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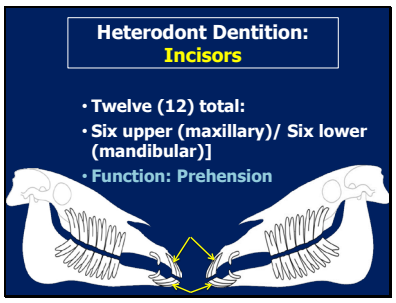

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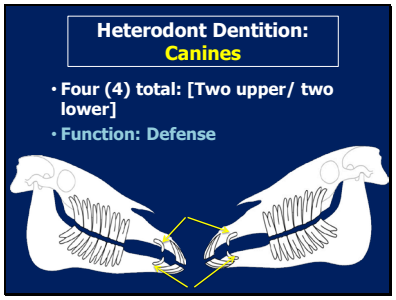

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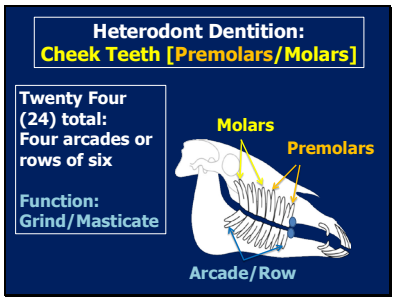

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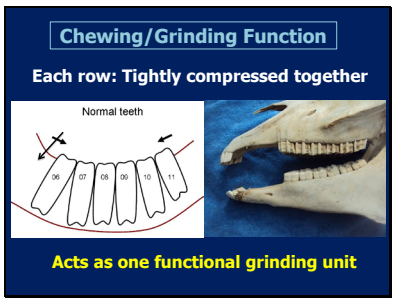

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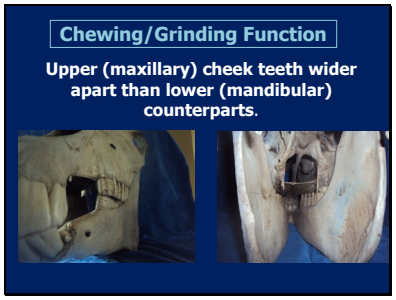

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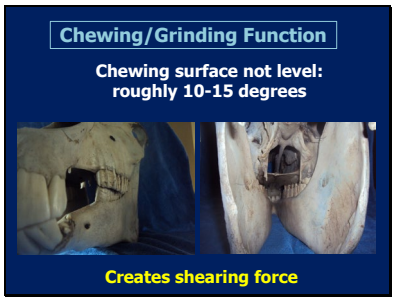

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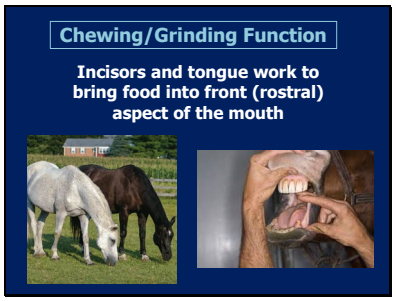
Slide 32

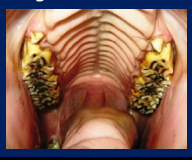
Slide 33



Slide 34

Chewing/Grinding Function

Food is then passed along the occlusal surface of the cheek teeth [six teeth acting as a unit] in an auger like fashion.



Slide 35

Chewing/Grinding Function

Cheeks keep food in between the teeth

Slide 36

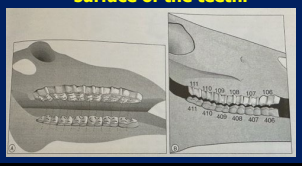
Chewing/Grinding Function

Saliva produced in large quantities to moisten the food

Slide 37

Chewing/Grinding Function

Food passed in rotary fashion through food channels created by folded enamel on the chewing surface of the teeth.



Slide 38

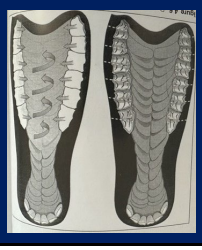
Chewing/Grinding Function

Enamel folds along chewing surface

Slide 39

Chewing/Grinding Function

And the corresponding ridges on the horse's palate



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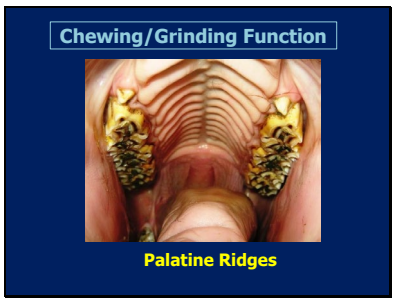

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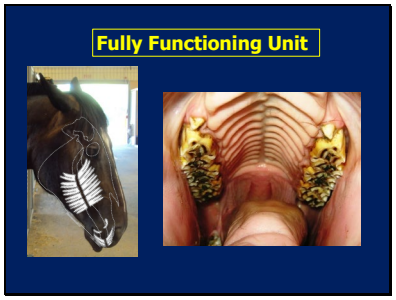

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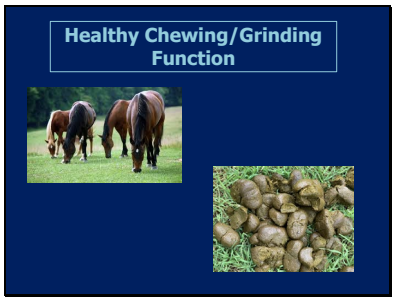

Slide 43

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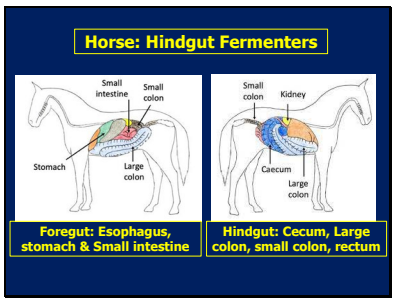

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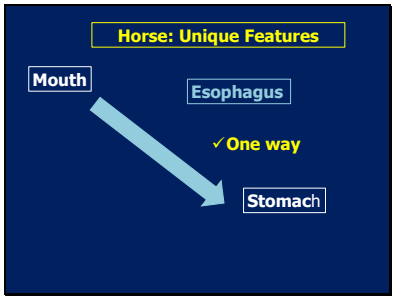

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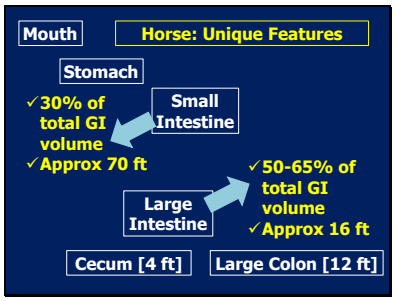

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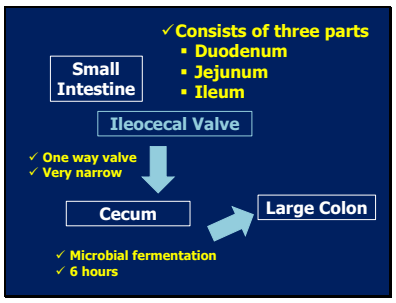

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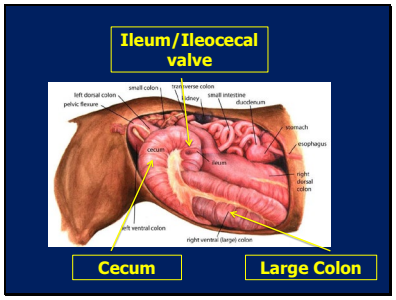

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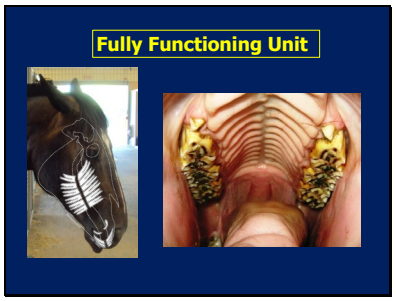

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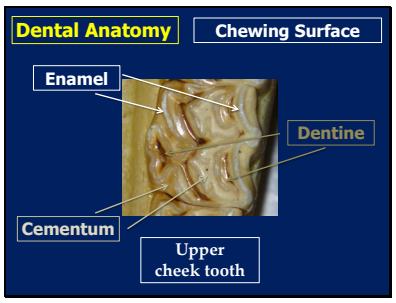

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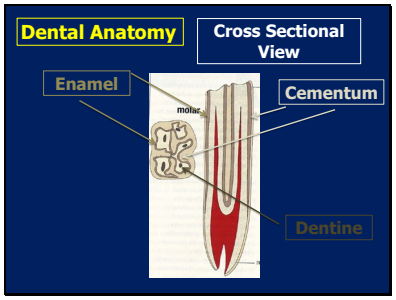

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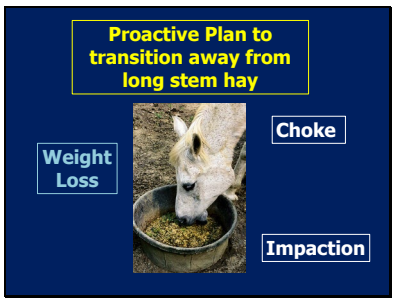

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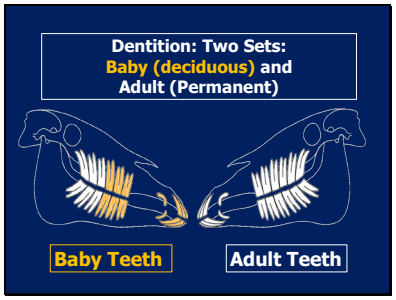

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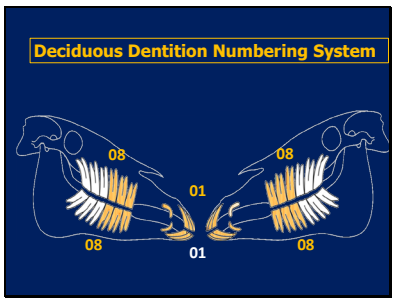

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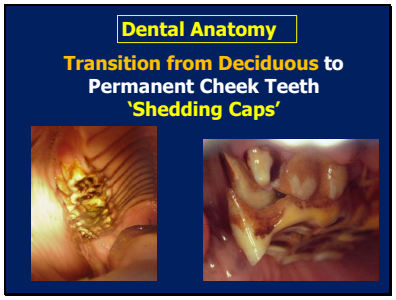

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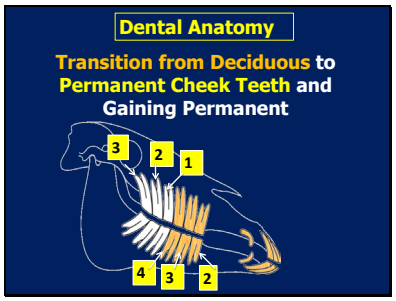

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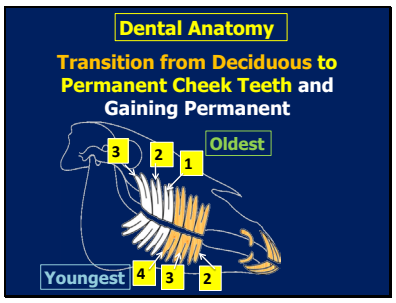

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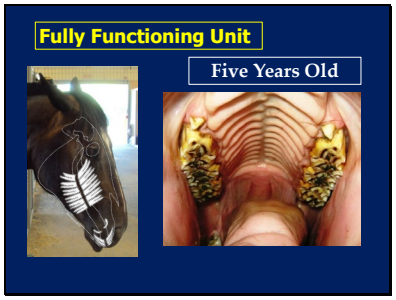

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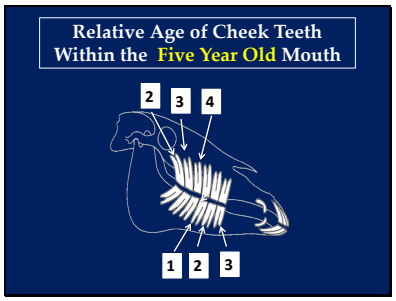

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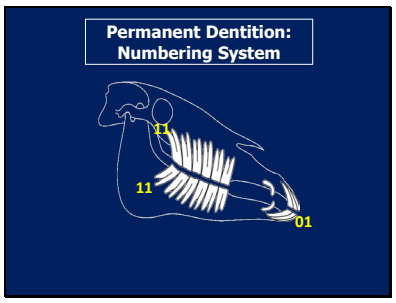

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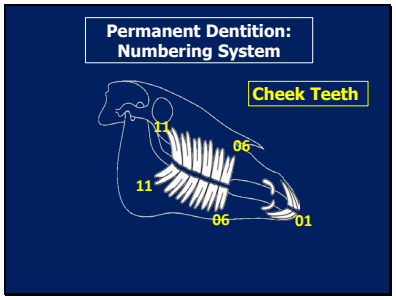

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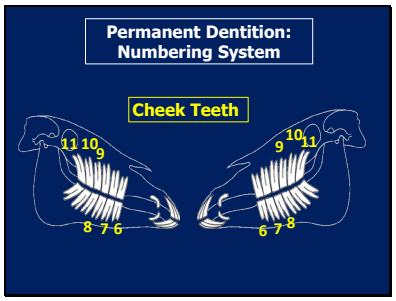

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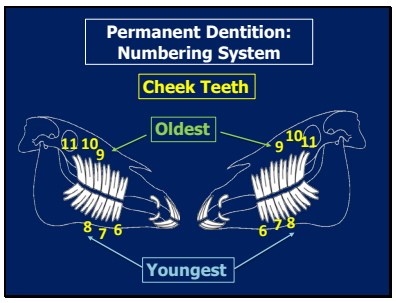

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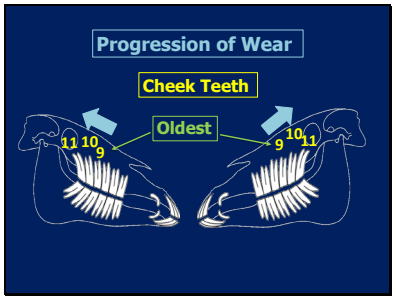

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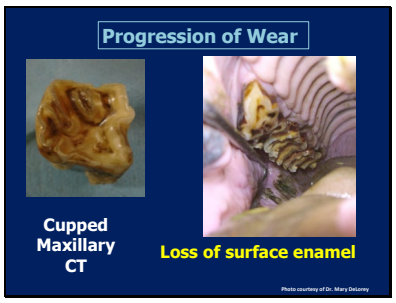

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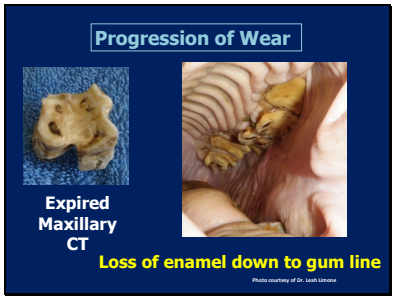

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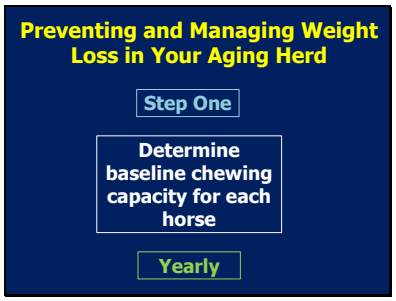

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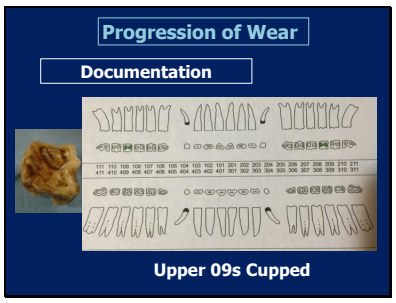

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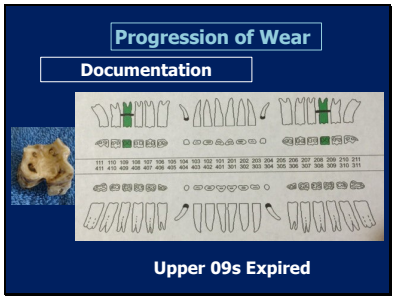

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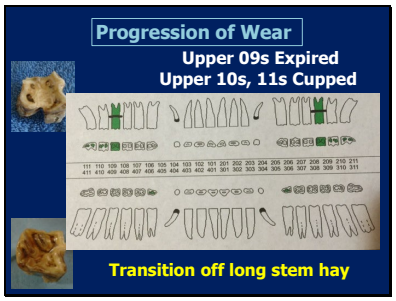

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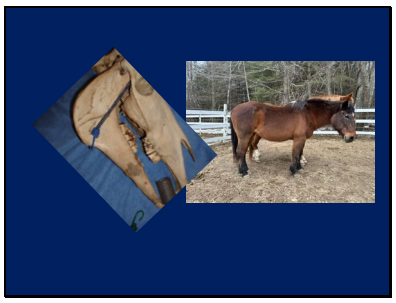

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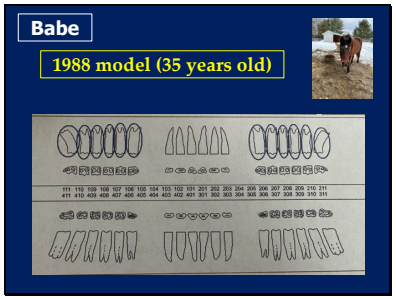

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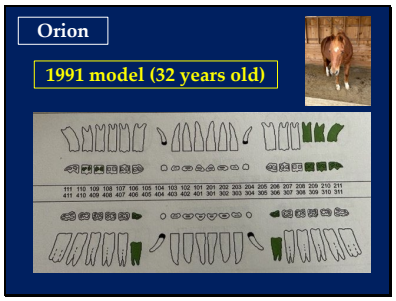

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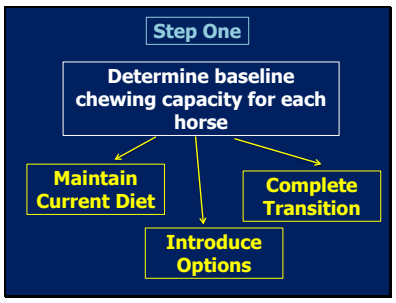

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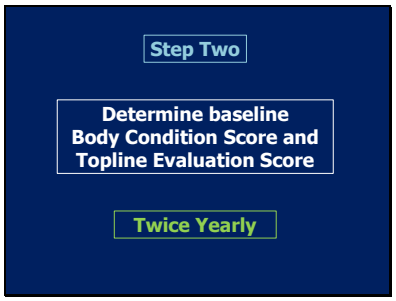

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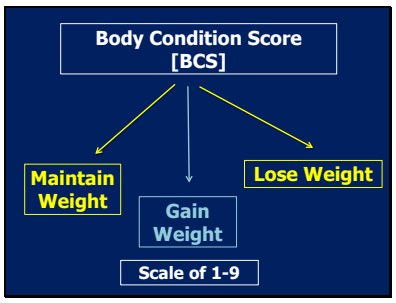

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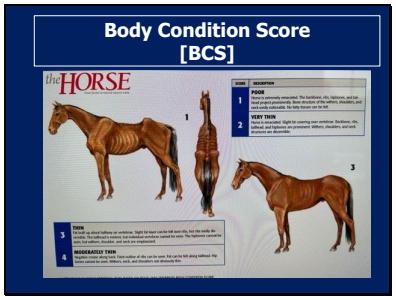

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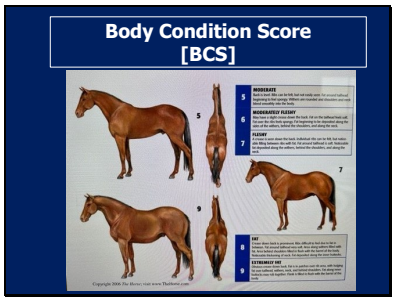

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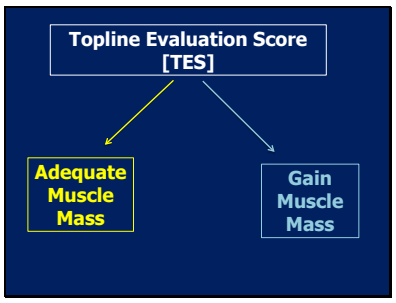

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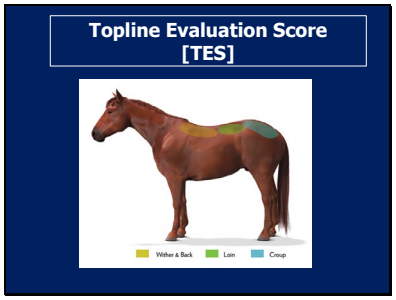

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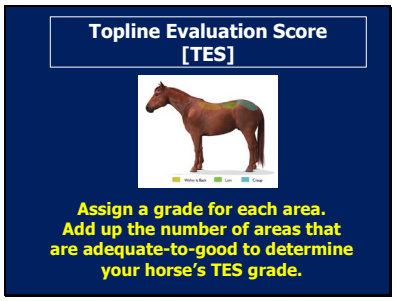

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Topline Evaluation Score [TES]

All 3 areas adequate to good = TES score of A
2 of 3 areas = B
1 of 3 areas = C
0 of 3 areas = D

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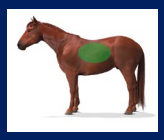
Body Condition & Topline Evaluation Scores



Calories

Protein Quality

Slide 90

Step Three

Introduce Nutritional Adjustments and Monitor progress

Every Two Weeks

Slide 91

Nutritional Principles

- ✓ Add Additional Meal
- ✓ Increase Caloric Density [calories/bite]
- ✓ Introduce variety | Options
- ✓ Watch time
- ✓ Weigh feeds

Slide 92

Nutritional Principles

✓ Add Additional Meal

- Great return on investment
- Prevents long periods when gut is empty (if horse is no longer able to consume hay or grass)

Slide 93

Nutritional Principles

✓ Increase Caloric Density

- More calories per bite
- Less time eating
- Horses tolerate high fat diets
- Not all senior feeds are the same

Slide 94

Nutritional Principles

✓ **Increase Caloric Density**

- Not all senior feeds are the same

Maintenance: 5-6% Fat
Weight Gain: 10-12% Fat

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Nutritional Principles

✓ Not all senior feeds are the same

Purina Senior
(red bag): 5.5% Fat

Purina Senior active
(blue bag): 10% Fat

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Nutritional Principles

✓ Fiber Content:
Complete/Senior Feed vs. Grain

Senior/Complete Feeds:
Fiber: 16-18%
[Greater than 12%]

Grain: Fiber Less than 10%

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Nutritional Principles

✓ **Introduce Variety | Options**

- Good for their soul.
- Horses naturally select what they can chew

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Nutritional Principles

✓ **Watch Time**

- Horses will commonly quit chewing after 30-45 minutes

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Nutritional Principles

✓ **Weigh Feeds**

- Underfeeding is very common.
- Nutrition involves numbers!

Slide 100

Nutritional Principles

✓ **Only a Few Numbers**

- Weigh feeds [per scoop/bucket]
- Weight tape horse
- 2% of Body weight:
  - **Total: 20 lbs!**
  - **Foundation: 10-12 lbs**

Slide 101

Case Studies

Slide 102

Thank you