C	liɾ	40	1

Evaluating Your
Nutritional Program
Through the
Age-Related Dental Wear Lens

Caroline N. Niederman, VMD
PATH Intl. Region 1 Conference

Slide 2

starchfiber carbohydrates fatsprotein roughage sugar

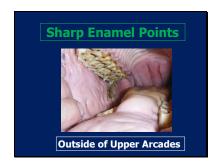
Slide 3

carbohydrates fiber enamel roughageprotein starch fats fructans

•			





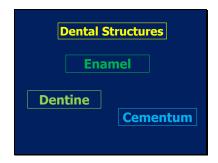




•				
•				



Slide 8

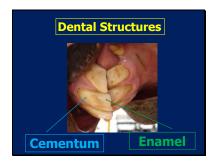




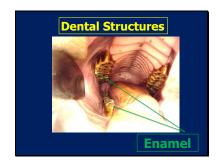


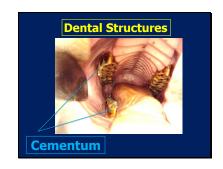
Slide 11



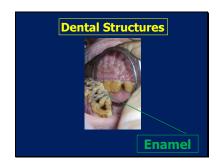


Slide 13

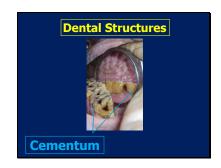






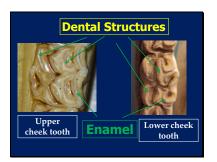


Slide 17

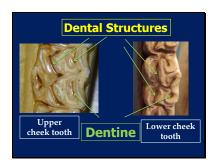


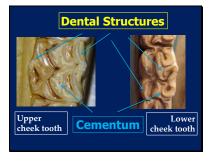


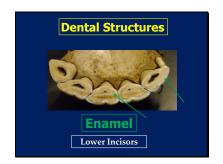
					_
					-
					-
					 -
			 		 _
			 	 	 _
	 		 	 	 _
			 	 	 _
					_
					-
					 -
				 	-



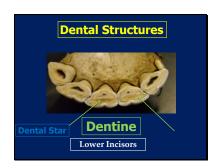
Slide 20







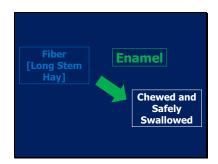
Slide 23







Slide 26

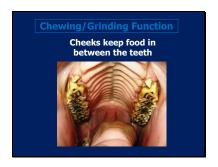




_	_	 		 	_	 -
_		 		 		
_	_	 		 		 _
						_
_	_	 		 	_	 _
						_
_						
_	_	 		 	_	 -
_	_	 		 	_	 _
_	_	 	_	 		 _
						_
_	_	 				
_	-			 	_	 -
_		 		 		
_	_	 	_	 	_	 -
_	_	 		 		 _



Slide 29

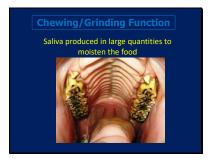






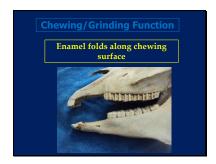
Slide 32







Slide 35

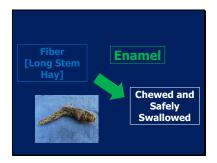






Slide 38







Slide 41

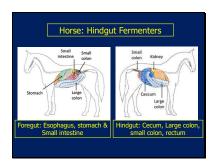




 		_



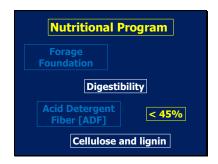
Slide 44







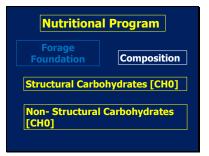
Slide 47

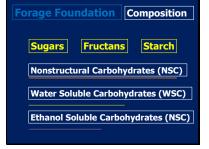






Slide 50



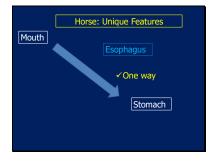


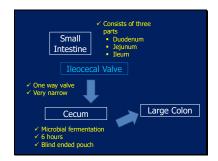
,			
•			
,			



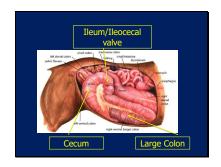
Slide 53

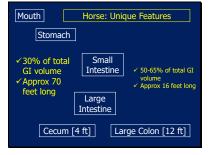






Slide 56





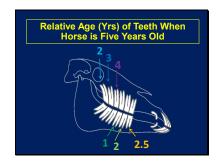


Slide 59

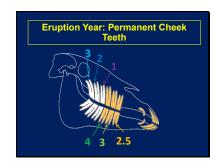


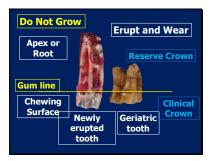


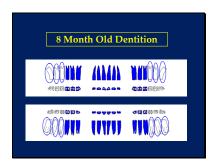
Slide 61	Nutritional Program	-	
	Cheek Tooth Enamel		
	Litamei		
	Surface Area for Grinding/Chewing	-	
		-	
		1	
		-	
		-	
		-	
Slide 62		1	
31140 02	Nutritional Program	-	
	Cheek Tooth Enamel	-	
	Fixed Amount that	-	
	Diminishes with Age		
		-	
		-	
		-	
_		_	
Slide 63	Nutritional Program	-	
	Cheek Tooth		
	Enamel		
	Teeth are All Different Ages	-	
		-	



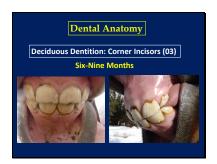
Slide 65

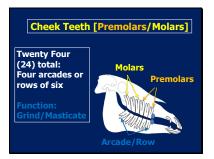


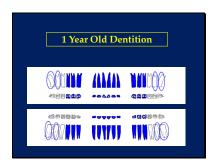




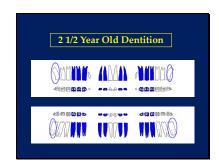
Slide 68



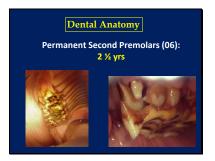




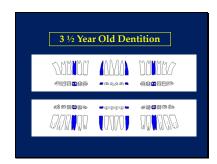
Slide 71

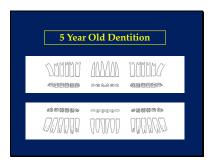






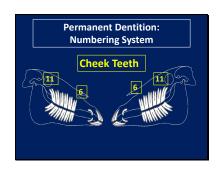
Slide 74

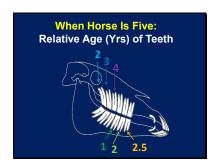


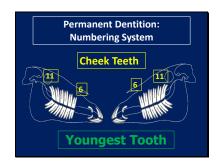




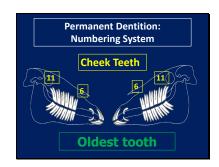
Slide 77







Slide 80



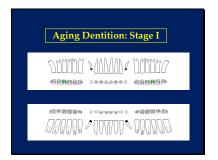


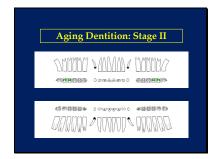
-					
-					
-					
-					
-					
-					
-					
-					
-			 		
-			 		
-			 		
-			 		
-					
-	 	 			
_	 	 	 		
-		 		 	
-	 			 	
-					
-					



Slide 83

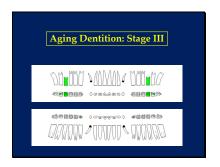






Slide 86

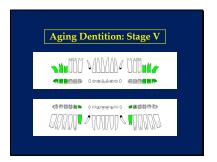






Slide 89







Slide 92





Ena	mel Evalua	tion						
	Proactive Plan to transition away from long stem hay							
Weight Loss		Choke						

	•					
 		 	 	 	 	 _