[부록]]

Vulpe Assessment Battery

Date :	1985 9. 17		SC	ALES	ORE	:	
	opmental Area : ACTIVITIE A - FEEDI	S OF DAILY LIVING	NO	Attention Phys. Assis.	Soc./Emot.Assis.	Verbal Assis.	Independent
Age	Activity & References	Equipment & Directions		2 3			
0-3 mo	1. Bite reflex. 4,43	Spoon - Observe the child's jaws when spoon is put into mouth. The child may clamp jaws together (but this does not interfere with feeding). Disappears about 3-5 months.					•
	2. Gag reflex. 4,43	Breast or bottle - Observe the child's reaction to light pressure on the tongue with nipple. The child gags. (The normal gag reflex does not interfere with feeding but protects infant from swallowing too much at a time). present from birth on, but weaker after chewing established at 7 months.					
a en	3. Rooting reflex. 4,43	Observe the child's reaction to a light touch on one cheek. The child turns head toward the stimulus, brings tongue out a little, and brings hand to mouth. (The rooting reflex directs the child's head and mouth to source of food).					V
	4. Sucking and swallowing reflex. 2,8,46,50,119	Breast or bottle - Observe the child's response when nipple is placed into mouth and milk or other liquid is offered. Sucks and swallows. Remains until 3-5 months.				V	/

0-3 то	6. Acceptance of pureed solids. 2,4,11,44,48	Pureed food, spoon ~ Observe the child's response when offered pureed food from a spoon. The child opens mouth and removes food from spoon.			¥	
	 Use of tongue in accepting pureed food. 	Pureed food, spoon - Observe the motion of the child's tongue when accepting pureed food from a spoon. The child moves food around in mouth using tongue to aid swallowing food.			V	
	8. Swallowing pureed food. 4,44,45	Pureed food, spoon - Observe the child's response when accepting pureed food from a spoon. The child swallows food without gagging or choking, and coordinates swallowing with breathing.			V	
5-6 mo.	9. Use of tongue to accept or reject foods.	Pureed food, spoon - Observe the motion of child's tongue during spoon-feeding. The child rejects food by pushing out with tongue and accepts food by moving food to back of the throat with tongue				
	 Gumming action on solid food. 4,44. 	Baby cracker: Offer child a solid baby cracker. Cjild moves gums up and down on food to separate prior to attempting to swallow.				
	12. Drinking from cup.	Cup with milk, juice : Offer cup to baby and hold to mouth. Baby takes single sips of liquid and swallows.		V		
	13. Absence of bite reflex 43,48	Food, snoon: Observe the child's jaws when spoon of food is put into mouth. Child does not clamp jaws down on it, but allows spoon to be removed easily.	 	N		1
	14. Diminished gag reflex. 7,43,48	Food, spoon: Observe the child's reaction to light pressure on the tongue with spoon. Child swallows food easily without gagging or spitting out food. Child accepts pureed food well and may begin lumpy foods.				

6-9 mo.	15. Tongue retraction in sucking.7,45	Breast or bottle: Observe the child!s tongue while child is sucking. The child keeps tongue in mouth by pull- ing it back and around nipple.					1
	16. Eating Cookie.	Cookie -					
	2,3,8,10,44,45,46,48 AGM-9 D-4	Observe the child when eating cookie The child feeds self easily, biting, moving food around in mouth, swallowing without choking, etc.					
	19. Absence of tongue	Food, spoon -					
	thrust during spoon feeding	Observe the child during spoon- feeding. The child tolerates the touch of food and spoon to tongue without thrusting tongue forward and pushing food out of mouth.					
	22. Absence of drooling.	Ask or observe child. The child exhibits very little or no drooling of saliva.	,	V			
		d Lumpy or solid food, spoon -					\dagger
	food. 2,11,45,50	Observe the child during spoon- feeding. The child chews most foods of a lumpy consistency or solids which are cut up into small pieces.					
2-2½ ur.	33. Sucking through straw	. Straw, liquid in cup or glass -					
	2,3,8,46	Observe the child's use of straw: The child uses straw well enough to finish drink although may damage straw if it is paper.			\		
	47. Using straw.	Ask or observe : The child sucks through paper straw efficiently and without damaging it.				,	
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I. Head and shoulder movements	III. Involuntary movements					
 Shrug one shoulder at a time Turn head w/o associated movement of shoulders 	(1) None/very little (2) Moderate (3) Much a. Lips					
	b. Tongue					
Neck righting(positive or negative)	c. Diaphragm					
Asymmetrical tonic neck reflex						
3. Flex shoulder forward: does head fall back ?	2. Upon phonation					
4. Bring head forward: does shoulder fall back ?	IV. Dysarthria					
Can child lift head-prone ? Inf. of L.R.R.(2 mo.)	Child performs act : (1) Normal (2) With difficulty (3) Not at a a. Lips					
Can child lift head-supine ? (6 mo.)						
2. Oral movements for facilitation	1. Close on command					
(1) Normal (2) Moderate (3) Poor	2. Pucker					
a. Lip closure	3. Retract					
1. While sucking	b. Tongue					
2. While chewing	1. Lateralize left					
3. While swallowing	2. Lateralize right					
4. Bilabials in individual words	3. Dissociate from jaw					
5. Bilabials during spontaneous speech	4. Elevate					
6. Lips at rest	5. Protrude					
b. Sucking	6. Point					
Infant feeding-age when solid food was introduced	c. Movement of soft palate					
1. Grooving of tongue while sucking	1. Is speech nasal ? 2. Is speech denasal ?					
2. straw placement -on sides						
3. Straw placement-in middle	Breathing					
3. Chewing	l. Reverse breathing					
(1) Dev. to side (2) Rotary (3) Up and down	2. Hyperventilation					
4. Swallowing	3. Nasal breathing					
a. One swallow at a time	4. Abdominal					
	V. Other observations and comments					
b. Repetitive pattern	a. Drooling					
. 5. Synchronous breathing	1. Why					
a. At rest	a. Posture					
B. Upon Phonation	b. Motor involvement					
	c. Sensory deficit					
	d. Lack of motivation					
	e. Other					