

# Feeding and Nutrition: Assessment and Intervention and Nutrition: Assessment and Interventions Webinar Introduction and Resources

April 14, 2010

Candace Artemenko RN, BSN



## Resources

### CaCoon Manual and Tools

- Growth/Nutrition Care Plan: birth-6months
- Nutrition Screener for Older Children
- PHN Information Form for Specialty Services
- Tier Tool

### Web Resources

- Mealtimes Catalog/New Visions <http://www.new-vis.com/p-cat.htm>
- WIC Works database <http://www.nsl.usda.gov/wicworks/>

### CaCoon County Library

- Failure to Thrive and Pediatric Undernutrition- Kessler & Dawson
- Down Syndrome Nutrition Handbook  
Joan E. Guthrie Medlen, R.D., L.D.

### Self Study

- Nutrition For Children with Special Health Care Needs: A Self Study Curriculum <http://depts.washington.edu/ncdms/web/index.php>
- Regional and Statewide Services for Students with Orthopedic Impairments: [RSOI.org](http://RSOI.org)

### Other Important Resources

- Feeding and Swallowing Disorders In Infancy/Wolf, Glass
- Pre-Feeding Skills/Morris, Klein

### WIC Resources:

- Preemie Feeding Brochure
- Concentrating Formulas and Breast milk Brochure
- Guidelines for Measuring H/W/W/C



## CaCoon kids with nutrition issues

Age group	Total # of Kids	# with nutrition assessment	% of kids assessed
All ages	1248	1088	87%
0-35 months	804	759	94%
36-59 mos.	280	240	86%
5-12 years	216	147	68%
13-19 years	32	17	53%



## Percentage of kids with nutrition assessment By risk code

Risk code	# of kids	# of kids assessed	% assessed
B4 Cleft lip & palate	69	67	97%
B20 Chronic lung disease	48	46	96%
B19 Oral motor/feeding	196	184	94%
B1 Heart disease	152	141	93%



## Tier Level Assessment

**CACOON PROGRAM CARE COORDINATION TIER LEVEL ASSESSMENT (To be assigned AFTER initial assessment)**

Client Name: \_\_\_\_\_ ID: \_\_\_\_\_ Date: \_\_\_\_\_  
Diagnosis/Risk Code: \_\_\_\_\_

*\*A score of 2 or 3 in any category with an asterisk may indicate the family should be assigned the higher tier level regardless of their total score.*

Category	Score	MINIMAL NEED (1 pt)	MODERATE NEED (2 pts)	HIGH NEED (3 pts)
Medical Needs**		Medical diagnosis with limited ability to handle and/or follow oral care and treatment procedures	Medical diagnosis but unable to follow oral care instructions	Medical diagnosis - inability to verbalize or follow oral care instructions
Medical Management		Requires parent/caregiver with PCP follow-up appointment monthly for continuation	Requires parent/caregiver with PCP follow-up appointment every 2-3 months	Requires parent/caregiver with PCP follow-up appointment every 1-2 months
Development**		Child meets development benchmarks for all areas or shows appropriate development in most areas	Child does not meet development benchmarks in one or more areas	Child has serious developmental delay affecting ability to function in one or more areas
Education/Behavior/FEEDS		Client meets FEEDS assessment - Client's regular diet/feeding with minimal support - Program to correct or support appropriate	Client does not meet FEEDS assessment - Client's regular diet/feeding with some special needs - Intervention/program in place	Client's regular diet/feeding requires PCP follow-up for all or part - Requires level of medical attention and/or intervention to make or sustain diet
Parent/Child Relationship		Client's family/caregiver has positive relationship with the development of feeding and/or positive parent/child interaction	Client's family/caregiver has some concerns about the development of feeding and/or parent/child interaction	Client's family/caregiver has severe concerns about the development of feeding and/or parent/child interaction
Health Tracking and Referral/Intervention		Client's information met needs	Client's information met needs	Client's information met needs

© Deussen and Seltzer 2008. During The Level Assessment tool.



## Tier Level Assessment

Category	Score	MINIMAL NEED (1 pt)	MODERATE NEED (2 pts)	HIGH NEED (3 pts)
Early/Screening		Two screenings required to detect or diagnose any concern in order to accomplish ACE, or one consistently successful screening	One screening required to detect or diagnose any concern	One screening required to detect or diagnose any concern
Feeding		Client and caregiver/parent able to verbalize and demonstrate appropriate feeding skills	Client and caregiver/parent able to verbalize and demonstrate appropriate feeding skills	Client and caregiver/parent able to verbalize and demonstrate appropriate feeding skills
Response/Intervention**		Generally responsive available, oral ability of client/caregiver/parent	Generally responsive available, oral ability of client/caregiver/parent	Generally responsive available, oral ability of client/caregiver/parent
Feeding**		Client meets all feeding needs	Client meets all feeding needs	Client meets all feeding needs
Coping**		Client meets all coping needs	Client meets all coping needs	Client meets all coping needs
Culture		Client meets all culture needs	Client meets all culture needs	Client meets all culture needs
Language		Client meets all language needs	Client meets all language needs	Client meets all language needs
Total Score		Tier Level I = 43-48 points	Tier Level II = 49-58 points	Tier Level III = 59-68 points

© Deussen and Seltzer 2008. During The Level Assessment tool.



Actual/Potential Activities in Growth/Reference

Subcategory	Activities	Reference	Measurement
1. Physical	1.1. Motor Development	1.1.1. Gross Motor Skills	1.1.1.1. Head Control
2. Cognitive	2.1. Language Development	2.1.1. Receptive Language	2.1.1.1. Understanding of words and phrases
3. Social-Emotional	3.1. Attachment and Relationships	3.1.1. Attachment	3.1.1.1. Secure attachment
4. Adaptive	4.1. Self-Care Skills	4.1.1. Feeding	4.1.1.1. Feeding on demand
5. Health	5.1. Growth and Development	5.1.1. Weight and Height	5.1.1.1. Weight and height percentiles
6. Sensory	6.1. Sensory Processing	6.1.1. Sensory Integration	6.1.1.1. Sensory integration and modulation
7. Communication	7.1. Communication Skills	7.1.1. Verbal Communication	7.1.1.1. Verbal communication skills
8. Play	8.1. Play Skills	8.1.1. Play Behavior	8.1.1.1. Play behavior
9. Learning	9.1. Learning Skills	9.1.1. Learning Objectives	9.1.1.1. Learning objectives
10. Health Promotion	10.1. Health Promotion	10.1.1. Health Promotion	10.1.1.1. Health promotion
11. Safety	11.1. Safety Skills	11.1.1. Safety Skills	11.1.1.1. Safety skills
12. Self-Regulation	12.1. Self-Regulation Skills	12.1.1. Self-Regulation	12.1.1.1. Self-regulation skills
13. Problem Solving	13.1. Problem Solving Skills	13.1.1. Problem Solving	13.1.1.1. Problem solving skills
14. Emotional Regulation	14.1. Emotional Regulation Skills	14.1.1. Emotional Regulation	14.1.1.1. Emotional regulation skills
15. Social Interaction	15.1. Social Interaction Skills	15.1.1. Social Interaction	15.1.1.1. Social interaction skills
16. Cultural Awareness	16.1. Cultural Awareness Skills	16.1.1. Cultural Awareness	16.1.1.1. Cultural awareness skills
17. Diversity	17.1. Diversity Skills	17.1.1. Diversity	17.1.1.1. Diversity skills
18. Health Equity	18.1. Health Equity Skills	18.1.1. Health Equity	18.1.1.1. Health equity skills
19. Community Engagement	19.1. Community Engagement Skills	19.1.1. Community Engagement	19.1.1.1. Community engagement skills
20. Advocacy	20.1. Advocacy Skills	20.1.1. Advocacy	20.1.1.1. Advocacy skills
21. Leadership	21.1. Leadership Skills	21.1.1. Leadership	21.1.1.1. Leadership skills
22. Collaboration	22.1. Collaboration Skills	22.1.1. Collaboration	22.1.1.1. Collaboration skills
23. Partnership	23.1. Partnership Skills	23.1.1. Partnership	23.1.1.1. Partnership skills
24. Advocacy	24.1. Advocacy Skills	24.1.1. Advocacy	24.1.1.1. Advocacy skills
25. Leadership	25.1. Leadership Skills	25.1.1. Leadership	25.1.1.1. Leadership skills
26. Collaboration	26.1. Collaboration Skills	26.1.1. Collaboration	26.1.1.1. Collaboration skills
27. Partnership	27.1. Partnership Skills	27.1.1. Partnership	27.1.1.1. Partnership skills
28. Advocacy	28.1. Advocacy Skills	28.1.1. Advocacy	28.1.1.1. Advocacy skills
29. Leadership	29.1. Leadership Skills	29.1.1. Leadership	29.1.1.1. Leadership skills
30. Collaboration	30.1. Collaboration Skills	30.1.1. Collaboration	30.1.1.1. Collaboration skills
31. Partnership	31.1. Partnership Skills	31.1.1. Partnership	31.1.1.1. Partnership skills
32. Advocacy	32.1. Advocacy Skills	32.1.1. Advocacy	32.1.1.1. Advocacy skills
33. Leadership	33.1. Leadership Skills	33.1.1. Leadership	33.1.1.1. Leadership skills
34. Collaboration	34.1. Collaboration Skills	34.1.1. Collaboration	34.1.1.1. Collaboration skills
35. Partnership	35.1. Partnership Skills	35.1.1. Partnership	35.1.1.1. Partnership skills
36. Advocacy	36.1. Advocacy Skills	36.1.1. Advocacy	36.1.1.1. Advocacy skills
37. Leadership	37.1. Leadership Skills	37.1.1. Leadership	37.1.1.1. Leadership skills
38. Collaboration	38.1. Collaboration Skills	38.1.1. Collaboration	38.1.1.1. Collaboration skills
39. Partnership	39.1. Partnership Skills	39.1.1. Partnership	39.1.1.1. Partnership skills
40. Advocacy	40.1. Advocacy Skills	40.1.1. Advocacy	40.1.1.1. Advocacy skills
41. Leadership	41.1. Leadership Skills	41.1.1. Leadership	41.1.1.1. Leadership skills
42. Collaboration	42.1. Collaboration Skills	42.1.1. Collaboration	42.1.1.1. Collaboration skills
43. Partnership	43.1. Partnership Skills	43.1.1. Partnership	43.1.1.1. Partnership skills
44. Advocacy	44.1. Advocacy Skills	44.1.1. Advocacy	44.1.1.1. Advocacy skills
45. Leadership	45.1. Leadership Skills	45.1.1. Leadership	45.1.1.1. Leadership skills
46. Collaboration	46.1. Collaboration Skills	46.1.1. Collaboration	46.1.1.1. Collaboration skills
47. Partnership	47.1. Partnership Skills	47.1.1. Partnership	47.1.1.1. Partnership skills
48. Advocacy	48.1. Advocacy Skills	48.1.1. Advocacy	48.1.1.1. Advocacy skills
49. Leadership	49.1. Leadership Skills	49.1.1. Leadership	49.1.1.1. Leadership skills
50. Collaboration	50.1. Collaboration Skills	50.1.1. Collaboration	50.1.1.1. Collaboration skills
51. Partnership	51.1. Partnership Skills	51.1.1. Partnership	51.1.1.1. Partnership skills
52. Advocacy	52.1. Advocacy Skills	52.1.1. Advocacy	52.1.1.1. Advocacy skills
53. Leadership	53.1. Leadership Skills	53.1.1. Leadership	53.1.1.1. Leadership skills
54. Collaboration	54.1. Collaboration Skills	54.1.1. Collaboration	54.1.1.1. Collaboration skills
55. Partnership	55.1. Partnership Skills	55.1.1. Partnership	55.1.1.1. Partnership skills
56. Advocacy	56.1. Advocacy Skills	56.1.1. Advocacy	56.1.1.1. Advocacy skills
57. Leadership	57.1. Leadership Skills	57.1.1. Leadership	57.1.1.1. Leadership skills
58. Collaboration	58.1. Collaboration Skills	58.1.1. Collaboration	58.1.1.1. Collaboration skills
59. Partnership	59.1. Partnership Skills	59.1.1. Partnership	59.1.1.1. Partnership skills
60. Advocacy	60.1. Advocacy Skills	60.1.1. Advocacy	60.1.1.1. Advocacy skills
61. Leadership	61.1. Leadership Skills	61.1.1. Leadership	61.1.1.1. Leadership skills
62. Collaboration	62.1. Collaboration Skills	62.1.1. Collaboration	62.1.1.1. Collaboration skills
63. Partnership	63.1. Partnership Skills	63.1.1. Partnership	63.1.1.1. Partnership skills
64. Advocacy	64.1. Advocacy Skills	64.1.1. Advocacy	64.1.1.1. Advocacy skills
65. Leadership	65.1. Leadership Skills	65.1.1. Leadership	65.1.1.1. Leadership skills
66. Collaboration	66.1. Collaboration Skills	66.1.1. Collaboration	66.1.1.1. Collaboration skills
67. Partnership	67.1. Partnership Skills	67.1.1. Partnership	67.1.1.1. Partnership skills
68. Advocacy	68.1. Advocacy Skills	68.1.1. Advocacy	68.1.1.1. Advocacy skills
69. Leadership	69.1. Leadership Skills	69.1.1. Leadership	69.1.1.1. Leadership skills
70. Collaboration	70.1. Collaboration Skills	70.1.1. Collaboration	70.1.1.1. Collaboration skills
71. Partnership	71.1. Partnership Skills	71.1.1. Partnership	71.1.1.1. Partnership skills
72. Advocacy	72.1. Advocacy Skills	72.1.1. Advocacy	72.1.1.1. Advocacy skills
73. Leadership	73.1. Leadership Skills	73.1.1. Leadership	73.1.1.1. Leadership skills
74. Collaboration	74.1. Collaboration Skills	74.1.1. Collaboration	74.1.1.1. Collaboration skills
75. Partnership	75.1. Partnership Skills	75.1.1. Partnership	75.1.1.1. Partnership skills
76. Advocacy	76.1. Advocacy Skills	76.1.1. Advocacy	76.1.1.1. Advocacy skills
77. Leadership	77.1. Leadership Skills	77.1.1. Leadership	77.1.1.1. Leadership skills
78. Collaboration	78.1. Collaboration Skills	78.1.1. Collaboration	78.1.1.1. Collaboration skills
79. Partnership	79.1. Partnership Skills	79.1.1. Partnership	79.1.1.1. Partnership skills
80. Advocacy	80.1. Advocacy Skills	80.1.1. Advocacy	80.1.1.1. Advocacy skills
81. Leadership	81.1. Leadership Skills	81.1.1. Leadership	81.1.1.1. Leadership skills
82. Collaboration	82.1. Collaboration Skills	82.1.1. Collaboration	82.1.1.1. Collaboration skills
83. Partnership	83.1. Partnership Skills	83.1.1. Partnership	83.1.1.1. Partnership skills
84. Advocacy	84.1. Advocacy Skills	84.1.1. Advocacy	84.1.1.1. Advocacy skills
85. Leadership	85.1. Leadership Skills	85.1.1. Leadership	85.1.1.1. Leadership skills
86. Collaboration	86.1. Collaboration Skills	86.1.1. Collaboration	86.1.1.1. Collaboration skills
87. Partnership	87.1. Partnership Skills	87.1.1. Partnership	87.1.1.1. Partnership skills
88. Advocacy	88.1. Advocacy Skills	88.1.1. Advocacy	88.1.1.1. Advocacy skills
89. Leadership	89.1. Leadership Skills	89.1.1. Leadership	89.1.1.1. Leadership skills
90. Collaboration	90.1. Collaboration Skills	90.1.1. Collaboration	90.1.1.1. Collaboration skills
91. Partnership	91.1. Partnership Skills	91.1.1. Partnership	91.1.1.1. Partnership skills
92. Advocacy	92.1. Advocacy Skills	92.1.1. Advocacy	92.1.1.1. Advocacy skills
93. Leadership	93.1. Leadership Skills	93.1.1. Leadership	93.1.1.1. Leadership skills
94. Collaboration	94.1. Collaboration Skills	94.1.1. Collaboration	94.1.1.1. Collaboration skills
95. Partnership	95.1. Partnership Skills	95.1.1. Partnership	95.1.1.1. Partnership skills
96. Advocacy	96.1. Advocacy Skills	96.1.1. Advocacy	96.1.1.1. Advocacy skills
97. Leadership	97.1. Leadership Skills	97.1.1. Leadership	97.1.1.1. Leadership skills
98. Collaboration	98.1. Collaboration Skills	98.1.1. Collaboration	98.1.1.1. Collaboration skills
99. Partnership	99.1. Partnership Skills	99.1.1. Partnership	99.1.1.1. Partnership skills
100. Advocacy	100.1. Advocacy Skills	100.1.1. Advocacy	100.1.1.1. Advocacy skills

CaCoon Program Standards Review

Standard	Assessment	Measurement
Standard No. 1	Children referred to the CaCoon Coordinator will receive an initial contact within ten (10) business days. If triage is in place, newborns with nutritional risk and children with a new diagnosis will be prioritized for maintaining initial contact standard.	100% of children referred to the CaCoon Coordinator receive an initial contact within 10 business days.
Standard No. 4	The CaCoon coordinator will ensure that children and their families receive the following minimum assessments (see chapter 6 in manual for tools) <ul style="list-style-type: none"> <li>a. Family assessment</li> <li>b. Child health assessment to include monitoring of vision and hearing</li> <li>c. Nutrition assessment - using CYSHN screening tool or equivalent</li> <li>d. Developmental assessment</li> </ul> <b>The CaCoon Coordinator will assure that children and their families receive the minimum screenings and assessments.</b>	100% of children and their families receive the minimum assessments listed in the manual for tools.

PHN Information Form

Public Health Nurse Information Form for Specialty Consultation

Name of Referral: \_\_\_\_\_ Date: \_\_\_\_\_

Referral To: \_\_\_\_\_

Referring Provider: \_\_\_\_\_

Child's Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Insurance: \_\_\_\_\_

Other Agency Involvement: \_\_\_\_\_

Other: \_\_\_\_\_

