

Are there any pending medical/surgical interventions (that could affect feeding ability or requirements?



ame of child:	NHI:	NHI: Initial Date of tube insertion:		ite of tube insertion:	
ead health professional	Supporting	g health profe	ssionals:		
The family are provided wi	ith information regarding the level of	f services avail	able and un	derstand th	he process of this evaluation
MEDICAL GOALS:	ASSESSMENT TOOLS ASSESSMENT Yes/No/NA			STRATEGY to achieve goals	
		Date 1	Date 2	Date 3	
Does the Primary / Lead clinician agree child is medically fit to commence tube weaning, based on the following key considerations?					
Is there absence of anatomic or functional impairment precluding safe oral feeding?					
Is there any ongoing concern about chest infections related to aspiration in recent months?	No clinical signs of aspiration or aspiration evident on VFSS Has safe feeding plan in place				Refer for VFSS. Link with SLT for safe feeding plan
Is reflux adequately managed?					
Is oral health checked and managed?					
Is constipation adequately managed?					





Is timing right? — e.g., delay until after winter if child is susceptible to multiple infections/significant family events pending/consideration of developmental stages					
DIETITIAN GOALS	ASSESSMENT TOOLS		ASSESSMENT Yes/No/NA		STRATEGY to achieve goals
Nutrition and growth		Date 1	Date 2	Date 3	
Has infant/child maintained clinically safe weight?	†				
Weight and length/height within 2 major percentiles apart OR Z score weight for length/BMI for age <2	Use age/gender/appropriate growth charts to plot growth history				
Weight and length/height within 2 major percentiles					increase energy density of dietary intake where possible





	appropriate				
Has there been an assessment of current oral intake (EBM/formula/food)?	Food diary, food recall, Diet App e.g., EasyDietDiary				See Infant feeding record or Food Intake Record template See EasyDietDiary App
Does infant/child have optimal nutritional status?	Analyse fluid, energy, protein, and micronutrient intakes and compare with estimated NRV, aim for 80% RDI/AI or RNI/ LRNI for height age in short stature children				Discuss with Paediatrician appropriateness of micronutrient supplementation as per prescribing guidelines
If a blended diet is used by the family, is enough information provided to evaluate child's nutritional intake?	Analyse nutritional composition of current blended diet using 3-day food record, ideally check nutritional bloods 6-12 monthly or if concerns re intake vs requirements				See Statement and Practice Guidelines for Blenderised Diets and Flow Chart for Blenderised Diet Assessment*
Does the infant/child have ability to tolerate bolus feeds, with 2-3 hours between tube feeds?					Adjust tube feeding regimen where possible
Are feeds currently well tolerated?	Consider current tube feeding regimen				consider ways of improving feed tolerance see Strategies to optimise feed tolerance**
Are there any financial considerations related to food access/funding applications for care support?					Consider Social worker referral
Are there any cultural considerations related to weaning?					Consider referral for Cultural support
SPEECH AND LANGUAGE THERAPIST GOALS:	ASSESSMENT TOOLS	ASSESSMENT Yes/No/NA		_	STRATEGY to achieve goals
		Date 1	Date 2	Date 3	





Examination of anatomy and physiology for	Oral structures have adequate range	Progression to oral feeding is not
swallowing	of motion and to tolerate oral feeding	recommended at this stage.
The child's oral structures (tongue, lips, cheeks, jaw,	plan.	
palate, teeth, and oral phase of the swallow been	Oral structures are symmetrical, intact	
assessed to ensure that there are no structural or	and of appropriate size- No referral to	Encourage development while child is non-
mechanical issues impacting oral feeding?	specialist service required, e.g., cleft	orally fed.
	palate service/ENT.	See Strategies for facilitating normal oral
The child can protect their airway during oral feeding		motor patterns.
Clinical signs during and after oral feeding indicating	Satisfactory swallow safety confirmed	Encourage oral exploration with non-food
possible aspiration and respiratory compromise.	by SLT assessment using Clinical	items.
-Wet cry/voice, Coughing	Feeding Evaluation (CFE)	See Mouthing toys for oral exploratory play
-Colour change, cyanosis		See Resource: Oral Reflexes table
-Stress cues, e.g., eye tearing, furrowing of the	Refer for VFSS/FEES to assess the	
forehead, finger splaying, hypervigilance (staring)	pharyngeal phase of the swallow if	
-Increased work of breathing	clinical signs of aspiration observed on	
-Altered respiratory rate or heart rate	CFE.	
-Decreased oxygen saturation		
Feeding safety	Safe Feeding plan in place (See OT	Encourage development while child is non-
	section regarding postural support)	orally fed or having small tastes
		See Strategies for Facilitating first tastes if
Does the child manage and consume an increasing	Starting the process on one texture	the transition cannot begin.
volume of food texture e.g., Level 4 –pureed texture	can support tolerating more food/fluid	
and/or their oral formula safely.	textures and volumes over time.	See International Dysphagia Diet
Refer above-clinical signs during and after feeds		Standardisation Initiative www.iddsi.org
indicating possible aspiration and respiratory	Monitor acceptance and tolerance of	Refer to SLT with paediatric dysphagia
compromise.	food and fluid textures. Does the child	Refer to 3L1 with paediatric dyspilagia





fatigue quickly during an oral feed?		experience or contact NZ Speech-Language
		Therapy Association for more assistance





SPEECH AND LANGUAGE THERAPIST GOALS:	ASSESSMENT TOOLS	ASSESSMENT		Γ	STRATEGY
		Yes/No/NA			to achieve goals
		Date 1	Date 2	Date 3	
Oral Motor /Sensory Skills with Non-feeding tasks:	Observe if the child is in a calm and				Skills that teach chewing and promote oral
	alert state for the following activities:				intake should be initiated early to promote a
Have the child's oral sensory skills for non-feeding tasks been established? Have the child's oral motor skills for non-feeding tasks been established?	Oral Sensory The child tolerates a variety of sensory input to oral facial region, e.g., sustained touch, kisses from parent/caregiver, songs, and games involving touch around the face, toothbrushing. Oral motor The child tolerates other developmentally appropriate activities: e.g., -Able to suck on gloved finger or				See Strategies for oral desensitisation Child referred for OT sensory processing evaluation if displaying distress/hyper or hyposensitivity. Joint SLT/OT plan to facilitate oral sensory acceptance with non-feeding tasks. See Strategies for encouraging oral motor development. If oral motor skills appear inadequate, oral feeding is not yet recovered and
	pacifiermouth/chew a teething toy -mouth/chew a toy or non-food item -intelligible speech (older child)				feeding is not yet recommended. See Mouthing toys for oral exploratory play





OCCUPATIONAL THERAPY (OT) GOALS:	ASSESSMENT TOOLS	ASSESSMENT Yes/No/NA			
		Date 1	Date 2	Date 3	
Readiness for mealtime: Have mealtime routines been established to maintain an optimal environment? Does the child demonstrate ability to participate (also see PSYCH); considering cultural needs?	*-Observation -Video of family mealtime reviewed by MDT -Functional assessment				See General Behavioural Strategies Refer to Occupational Therapist (OT) for assessment and strategies
Child Wellbeing/feeding environment: Is the child's posture/positioning/seating effective for safe oral feeding? Can the child be supported in an aligned position for safe eating and drinking and coordination of suck-swallow-breathe synergy? Has the child's meal setting been assessed? Consider the sensory environment and access to feeding equipment, e.g., cutlery, cups, and dish wear.	OT postural /seating assessment in consultation with PT and SLT Assess positioning/seating in all environments – home, & preschool or school Environmental assessment and modifications				See General Behavioural Strategies Refer to OT for seating assessment and equipment provision See Positioning Recommendations Contact Occupational Therapy Board of NZ for local contacts
Sensory Responses: Has an assessment of the child's sensory processing abilities and environment been completed? Can the child achieve and maintain a calm but alert state and tolerate different sensory properties of food and mealtime experiences?	Sensory Profile 2 (Infant, Toddler, Child, Short version 2) Sensory Processing Measure				Consider attendance at Food Therapy group Refer to OT for assessment and strategies









SCREENING FOR PSYCHOLOGIST SUPPORT Note: A Psychologist referral should occur when the following concerns are noted, or if no progress is made within 3 months.	ASSESSMENT Yes/No/NA			STRATEGY to achieve goals
SCREENING QUESTIONS	Date 1	Date 2	Date 3	
Do the family feel confident in managing their child's behaviour during mealtimes?				Provide general behavioural strategies
Are the family able to follow consistent daily routines (e.g., naps, bath, outings, tube feedings, family mealtimes)?				concurrent with referral
Do the family state readiness and availability for mealtime changes and do they feel comfortable with the process of reducing tube feeds?				Refer to psychologist
Does the family have enough resources and time to participate and maintain their child's progress in the longer term (e.g., no major stressors such as illness, care of other children)?				
Does the school or childcare setting have appropriate staffing to support the child's feeding (e.g., for children who require adult support)				Refer to psychologist, consider Social Worker referral also





References:

Brown, J., Kim, C., Lim, A., Brown, S., Desai, H., Volker, L., & Katz, M. (2014). Successful gastrostomy tube weaning program using an intensive multidisciplinary team approach. J Pediatr Gastroenterol Nutr, 58(6), 743-749. doi:10.1097/MPG.000000000000336

Dodrill, P. (2021). Evaluating feeding and swallowing in infants and children. In M. E. Groher & M. A. Crary (Eds.), *Dysphagia: Clinical management in adults and children*. (3rd ed., pp 305-323). St Louis, MO: Elsevier.

Dodrill, P. (2021). Treatment of feeding and swallowing difficulties in infants and children. In M. E. Groher & M. A. Crary (Eds.), *Dysphagia: Clinical management in adults and children*. (3rd ed., pp 325-350). St Louis, MO: Elsevier.

Dodrill, P. (2021). Appendix D. In M. E. Groher & M. A. Crary (Eds.), Dysphagia: Clinical management in adults and children. (3rd ed., pp 357-358). St Louis, MO: Elsevier.

Feeding Difficulties in Children. A Guide for Allied Health Professionals. NSW Government Australia/Health, 2016 Office of Kids and Families

Griffiths, G. Stapleton D. 2013. Sensational Mealtimes. Making Sense of Tricky Mealtime behaviour. www.sense-ational Mealtimes.com.au

International Dysphagia Diet Standardisation Initiative (IDDSI) www.iddsi.org

Kerwin, M. E., & Eicher, P. S. (2004). Behavioral Intervention and Prevention of Feeding Difficulties in Infants and Toddlers. Journal of Early and Intensive Behavior Intervention, 1(2), 129-140. doi:10.1037/h0100285

Morris, S.E, Klein, M.D. (2000) Pre-Feeding Skills: A comprehensive resource for mealtime development. (2nd ed.) Tucson, AZ: Therapy Skill Builders.

Piazza, C. C., Milnes, S. M., & Shalev, R. A. (2015). A Behavior-Analytic Approach to the Assessment and Treatment of Pediatric Feeding Disorders A2 - Roane, Henry S. In J. L. Ringdahl & T. S. Falcomata (Eds.), Clinical and Organizational Applications of Applied Behavior Analysis (pp. 69-94). San Diego: Academic Press.

Piazza, C. C., & Roane, H. S. (2009). Assessment of Pediatric Feeding Disorders. In J. L. Matson, F. Andrasik, & M. L. Matson (Eds.), Assessing Childhood Psychopathology and Developmental Disabilities (pp. 471-490). New York, NY: Springer New York.

Silverman, A. H., Kirby, M., Clifford, L. M., Fischer, E., Berlin, K. S., Rudolph, C. D., & Noel, R. J. (2013). Nutritional and psychosocial outcomes of gastrostomy tube-dependent children completing an intensive inpatient behavioral treatment program. J Pediatr Gastroenterol Nutr, 57(5), 668-672. doi:10.1097/MPG.0b013e3182a027a3

Taylor, S. A., Virues-Ortega, J., & Anderson, R. (2019). Transitioning children from tube to oral feeding: a systematic review of current treatment approaches. *Speech, Language and Hearing*, 1-14. 10.1080/2050571X.2019.1684068

Vittner, D. Resource Handbook for Parents (and Professionals) of Young Children with Autism (or Autistic-like tendencies) who struggle at Mealtimes. University of Arizona





Weir K., McMahon S., Barry L., et al (2009). Clinical signs and symptoms of oropharyngeal aspiration and dysphagia in children. European Respiratory Journal 33(3):604-611

Williams, K. E. (2007). Treating eating problems of children with autism spectrum disorders and developmental disabilities: interventions for professionals and parents. Austin, Tex.: Austin, Tex.: PRO-ED c2007.

Williams, K. E., Riegel, K., Gibbons, B., & Field, D. G. (2007). Intensive Behavioral Treatment for Severe Feeding Problems: A Cost-effective Alternative to Tube Feeding? Journal of Developmental and Physical Disabilities, 19(3), 227-235. doi:10.1007/s10882-007-9051-y

Wolf, L.S. & Glass, R.P (1992) Feeding and swallowing disorders in infancy. Tucson, AZ: Therapy Skill Builders





GOALS and REVIEW:

Next Steps Identified Supporting Health Professional	NAME:	NHI:				
Name Role	ASSESSMENT 1 (DATE):					
1. 2. 3. ASSESSMENT 2 (DATE): Next Steps Identified 1. 2. 3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	Next Steps Identified	Supporting Health Professional				
2. 3. ASSESSMENT 2 (DATE):		Name	Role			
3. ASSESSMENT 2 (DATE): Next Steps Identified	1.					
ASSESSMENT 2 (DATE): Next Steps Identified Supporting Health Professional Name Role 1. 2. 3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	2.					
Next Steps Identified Supporting Health Professional Name Role 2. 3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	3.					
Name Role	ASSESSMENT 2 (DATE):					
1. 2. 3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	Next Steps Identified	Supporting Heal				
2. 3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional		Name	Role			
3. ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	1.					
ASSESSMENT 3 (DATE): Next Steps Identified Supporting Health Professional	2.					
Next Steps Identified Supporting Health Professional	3.					
Name Role	Next Steps Identified					
Note: Note:		Name	Role			





1.	
2.	
3.	