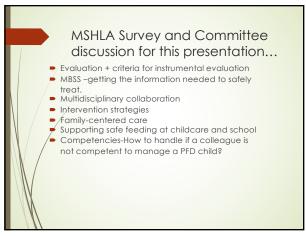
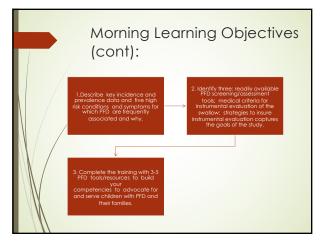
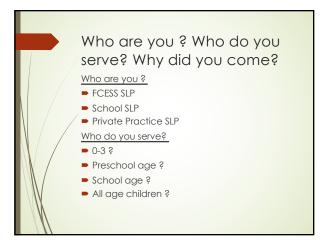


## Financial Disclosures Full time employee of Concord Hospital, Concord NH for which I receive a salary Receiving and honorarium from The Maine Speech Language and Hearing Association for presenting at this conference.







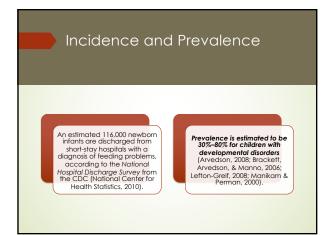




Pediatric Feeding and Swallowing Disorders: Incidence and Prevalence. Conservative evaluations estimate that PFD affects more than 1 in 24 to 37 children under the age of 5 in the United States (ref: Feeding Matters: https://www.feedingmatters.org/what-

pfd/?aclid=CiOKCQiwkSibBhDaARIsAC zmaLRo4G 1ShKUMPIvuFiZZyGh218LWLf abAP1 mmLhsN2zt99wtyZ1ZwaAhZpEA Lw wcB)

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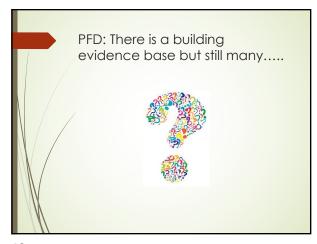


## Incidence and Prevalence The odds of having a feeding problem increase by 5 times in children with autism spectrum disorder (ASD) compared with children who do not have ASD (Sharp et al., 2013). Prevalence rates feeding disorders in children with craniofacial disorders are estimated to be 33%—83% (Caron et al., 2015; de Vries et al., 2014; Reid, Kilpatrick, & Reilly, 2006). \*\*\* Concord Hospital: 50% of our NICU graduates need ongoing care

10



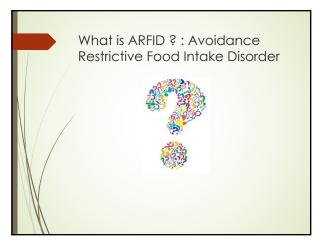
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### What is a Pediatric Feeding Disorder?

Impaired oral intake that is not age-appropriate and is associated with medical, nutritional, feeding skill and/or psychosocial dysfunction.

13

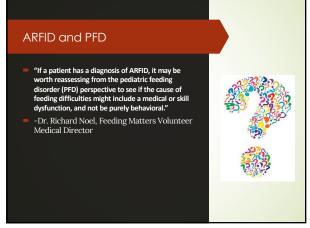


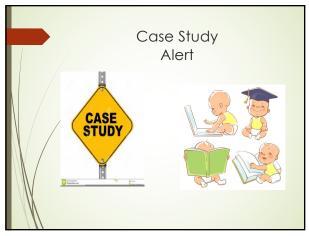
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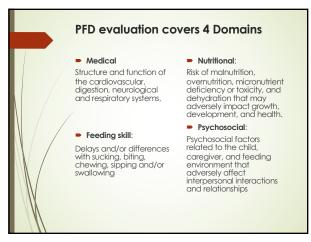
### What is ARFID ? : Avoidance Restrictive Food Intake Disorder

- New diagnosis added to the DSM 5 Previously referred to as Selective Eating Disorder.
- An eating or feeding disturbance (e.g., apparent lack of interest in eating or food; avoidance based on the sensory characteristics of food; concern about aversive consequences of eating) as manifested by persistent failure to meet appropriate nutritional and/or energy needs associated with one (or more) of the following:
  - Significant weight loss (or failure to achieve expected weight gain or faltering growth in children).
  - Significant nutritional deficiency.
  - Dependence on enteral feeding or oral nutritional supplements.
  - Marked interference with psychosocial functioning.









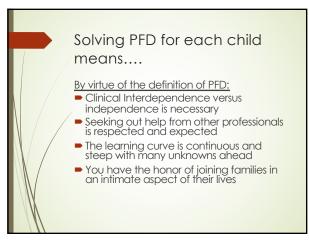
# Mild: generally growing efficiently Moderate; not growing sufficiently without nutritional supplementation Severe: may require either full or partial nutritional support via tube feeding. Goday et. Al 2019

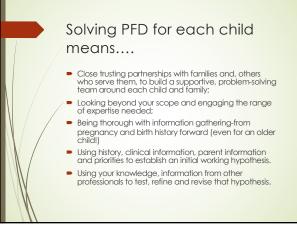
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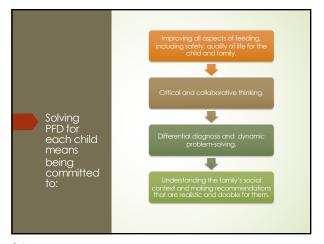
Feeding problems:

Result from multiple contributing factors that often occur simultaneously.

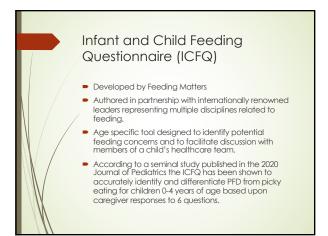
Are complicated by development, growth and changing structures.

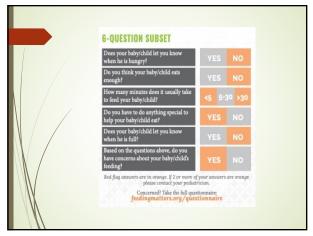




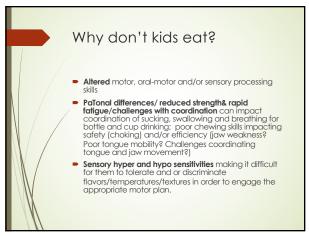


Many parents are concerned about their children's feeding and nutrition. What parent indicators suggest further evaluation?













- Weight age plateauing or decreasing percentiles and/or weight loss
- Height age decreasing percentiles
- Low volume of intake at one time for age and/or overall limited fluid intake for age
- Limited variety of food intake –missing food groups and textures for age
- Not progressing beyond purees >12 months
- Nursing and/or formula is child's primary nutrition >12 months
- Frequently spitting up/vomiting despite multiple formulas tried
- Need for concentrated formula or fortified breast milk
- Tube fed

Growth and Nutrition Indicators

32

### Refers to:

- Decelerated or arrested physical growth (height and weight measurements fall below the third or fifth percentile, or a downward change in growth across two major growth percentiles) and is associated with abnormal growth and development.
- Many different causes, and sometimes more than one cause.

### Why the concern?

Digestion, poor absorption, allergies/intolerances, inefficient feeding due to neurological and/or anatomical differences, swallowing disorders, pain etc.

Failure to Thrive

- Wet voice quality, noisy breathing or congestion with eating and/or drinking
- Throat clearing, coughing, gagging, choking, sneezing with eating and/or drinking
- RR > 60 during feedings
- Dusky spells during or after feeding /apnea spells

Respiratory Indicators

34



35



### Oral Motor Function Indicators

Open mouth posture at rest Frequent food/liquid

loss from lips Tongue protrusion at rest and/or with swallowing Drooling > 2 years of

Difficulty with feeding transitions (breast to bottle, etc.)

Difficulty with advancing textures (purees to table foods. Etc.)

Lengthy meal times (>30 -40 minutes)

37

### Sensory and Cognitive indicators

Highly restricted with taste, texture, color, shape, etc. interfering with nutritional intake

intake
Drastic drop in food range
@ 15-28 mos.
Reliance upon high
feedback foods
(zingy/crunchy) Can only sit very briefly for meals and snacks

Unusually short attention for meals

Drowsy/hyper alert/fussy during mealtimes

Relies upon distractions to eat and/or drink.

Symptoms of feeding aversion

Atypical mealtime

behaviors

Does not fuss or report hunger.

Does not recognize fullness

38



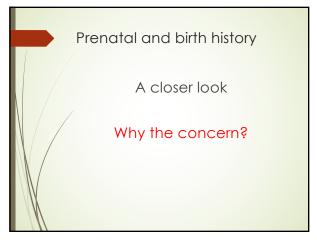
"When the cause of dysphagia is not obvious:
Sort through the treasure and surprises in the medical record." (Coyle, 2014 see ref. 5)"

40

### Family History Digestive Disorders Allergies/Intolerances Substance abuse Developmental disorders Genetic disorders (muscular dystrophies, cardiac, respiratory, etc.) Craniofacial disorders-not (yet) linked to a genetic disorder) Eating disorder among family members

41

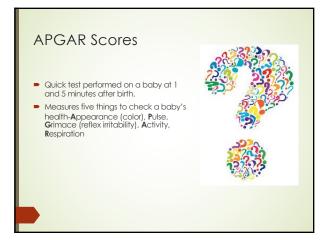
### Prenatal and birth history Any concerns monitored during pregnancy ? Polyhydraminos ? IUGR Apgar Scores ? Perinatal complications-needed respiratory support (Asphyia ? HE protocols? Birth weight? Prematurity ? In-Utero substance exposure (Alcohol? Opioids? In treatment ? Use of SSRIs)

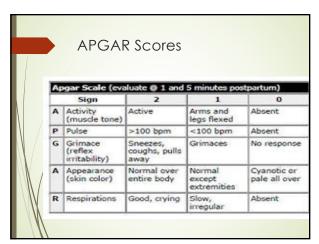


### Polyhydraminos Definition: excess accumulation of amniotic fluid Common causes: gestational diabetes, fetal anomalies that disturb fetal swallowing of amniotic fluid, fetal infections. In utero there is a dynamic equilibrium between the production and resorption of amniotic fluid, It is reabsorbed via fetal swallowing and intramembranous and intravascular absorption. Why the concern? A disturbed equilibrium in amniotic fluid can be the result of compromised swallowing dysfunction in the infant. [4]

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### Intrauterine Growth Restriction: IUGR Refers to: • poor growth of the fetus in utero • Means the baby weights <90% of expected wt. for gestational age • Because of maternal, placental, fetal or genetic cause. Why the concern? Challenging to feed: anatomical differences, poor endurance, low tone/weak, challenges with coordination of suck, swallow and breathing. Linked with genetic and developmental disorders





# One minute score (Apgar 1) is considered an indicator of how well the baby did with the birthing process Five-minute score (APGAR 5); indicates how well the baby is doing outside the mother's womb and has been correlated with neonatal survival and long-term comorbidities

# Why the concern? Although Apgar scores are not intended for the prediction of neurological morbidities, research findings indicate that Apgar scores may be used, possibly independently or in combination with other measures, as a predictor of later neurological/ developmental morbidities among term infants [38.54] Research to date indicates for pre-term infants a low APGAR score was not independently associated with long-term outcome whereas other co-morbidities of prematurity (brain bleeds, cardiac and respiratory conditions) have been. [38]

49

Prematurity: The highest comorbidities

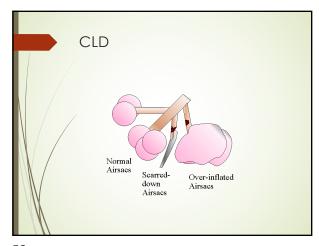
- < 28 weeks gestation</p>
- Birth weight < 1000 grams
- Grade IV bleed
- Abnormal MRI
- CLD (chronic lung disease)
- Perinatal asphyxia (HIE/PVL)
- High NAS score

50

### Why the concern?

### Prematurity

- Neurobehavioral instability Vulnerability to becoming rapidly overwhelmed by sights, sounds, touch (overload is baby specific) which shuts down or significantly disorganizes oral feeding (also referred to as neurobehavioral disorganization-very early sensory processing)
- BPD-bronchopulmonary dysplasia-the most common Chronic Lung Disease (CLD) in premature infants, naturally causes a high respiratory rate (RR) naturally challenges coordination of sucking, swallowing and breathing.



### Why the concern? ■ Tonal differences impact body wide stability ■ Oral reflexes may be diminished/absent. Intraventricular Hemorrhage (IVH) and PVL can interrupt neuron migration/white Prematurity matter formation and interfere with coordination of the swallow (continued) Lack of developed fatty cheek pads impacts jaw stability and therefore feeding efficiency. Disorganized/dysfunctional sucking

53

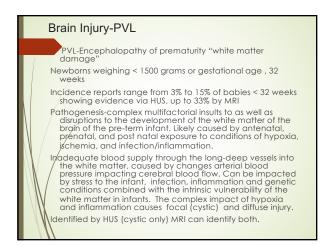
Why the concern? What lower oromotor tone; poor sucking-swallowing-breathing coordination about LPI disturbed sleep-wake cycles, ? Late Preterm Infants

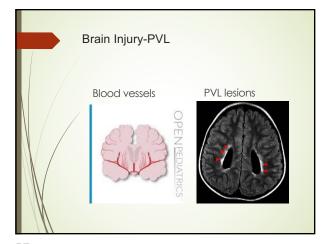
LPIs (34-36 weeks gestation); An increasing amount of evidence indicates that late preterm infants are more likely to experience feeding issues that may persist through childhood

- prolonged nasogastric tube feeding and delayed oral feeding independence
- immature gastrointestinal function

All these variables can interfere with the successful initiation and continuation of breastfeeding, resulting in its early cessation. Hence, the breastfeeding rates of late preterm infants are lower than those of full-term infants despite the widely acknowledged health benefits for infants and mothers

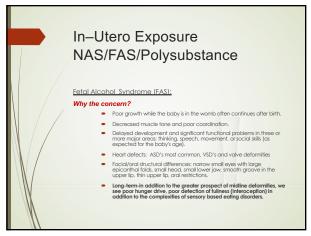
## Refers to: Asphyxia-In adequate oxygen supply prior to, during, or just after delivery. Oxygen deprivation causing hypoxic ischemic encephalopathy (HIE) PVL-Periventricular Leukomalacia-most common ischemic brain injury From an ischemic event Arteries that supply the white matter areas of the brain are very fragile IVH-Drop in blood pressure from early delivery/care giving etc. can cycle a bleed into the ventricles of the brain brain issue necrotizes causing lesions in the white matter surrounding the lateral ventricles Bleeds are also next to the descending motor pathways There is also indicators of disruption to neuronal migration Why the concern? HIE and PVL are associated with discoordination of the swallow/high risk

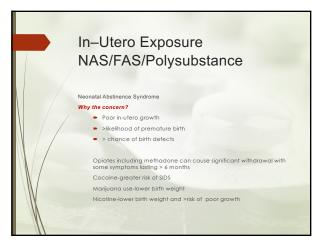


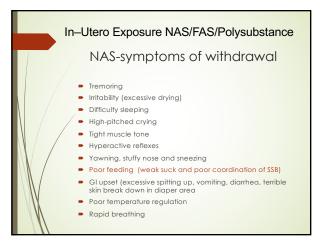


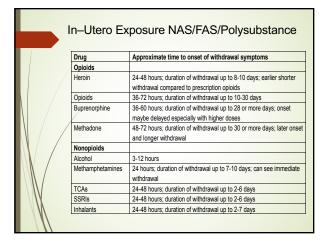


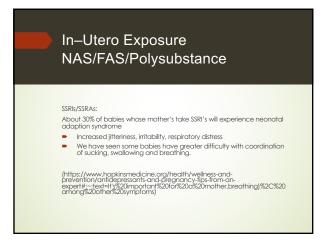


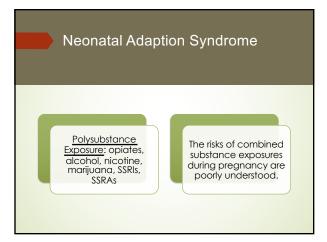


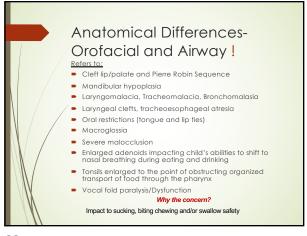


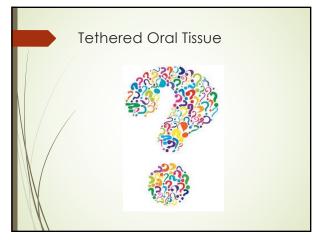










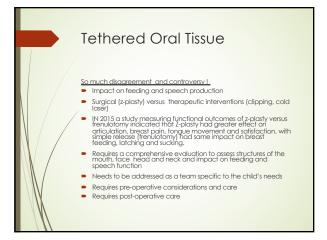


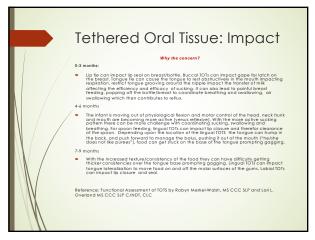
### Tethered Oral Tissue

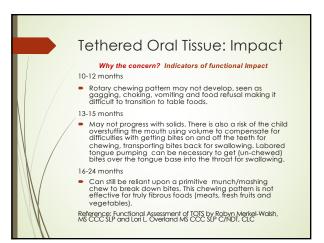
### So much confusion !!!!!!

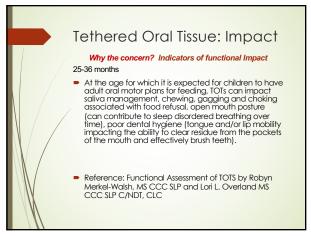
- Three terms are being used synonymously to identify this condition: ankyloglossia; tongue-tie and tethering oral tissues.
- The tissue itself has many terms: frenulum, frenum, frenula
- Multiple different classification tools: Kotlow rating scales; Hazelbaker Assessment Tool for Lingual Frenulum Function (ATLFF), Lingual Frenulum Protocol (Irene Marchesan, PhD)

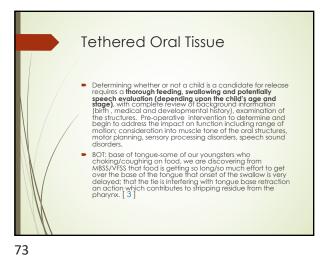
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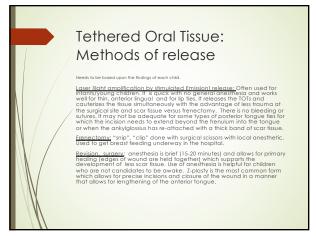




- Pre-feeding therapy exercises: stretches, neuromuscular education, are a step ahead of feeding goals (e.g. working on tongue lateralization ahead of chewing) and are based upon the sensory motor components of the skill the child is missing.
- When it has been thoroughly determined that the child has functional complications associated with tongue-tie that cannot be remediated with therapeutic intervention along, then it is time to proceed with a consultation with a professional with extensive background in TOTs for consideration of release.

Tethered
Oral Tissue:
being
thorough,
getting
prepared

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Tethered Oral Tissue: Wound Management <u>Purpose</u>: To gently keep the wound open

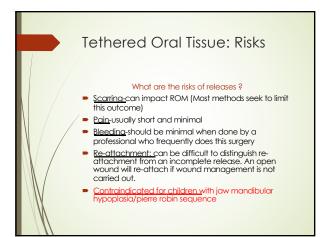
Many On-going Debates and Different Methodologies: active wound care post laser with the goal of keeping the diamond-shape open.

### ssues:

Babies can struggle with their tolerance Parents are wary of causing aversion and skip or skimp on the wound care.

TOTs can easily re-attach if wound care is not performed/not performed enough.

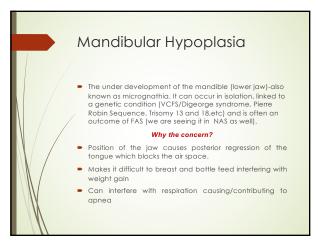
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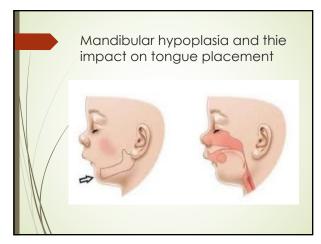


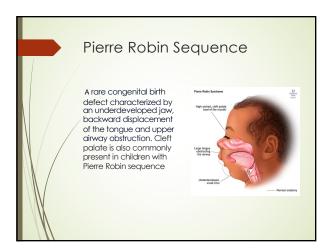
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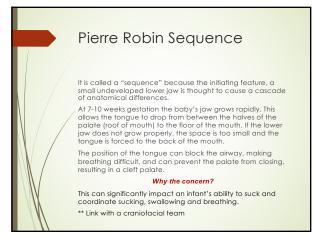
- Decreases risk of scarring
- Decreases risk of re-attachment
- Improving functional movement of the tissue for speech and feeding.
- Children should undergo post operative therapy to put the newly released tissue into use for feeding and speech production skills, address established compensatory strategies that interfere with normal function.
- Body work: Bodywark is the use of handson fouch and physical therapy to allow a baby's soft fissues to release tension and reorganize, is performed by a professional such as a silled asteopath, a chiropractor (trained in craniosacral therapy and treating newborns), an occupational therapist, a physical therapist, or in some cases a frightly silled massage therapist with extensive in infants and craniosacral therapy

Tethered
Oral Tissue:
Follow-Up
Therapy







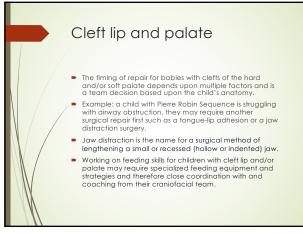


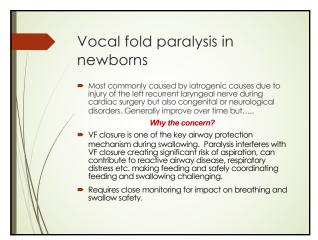


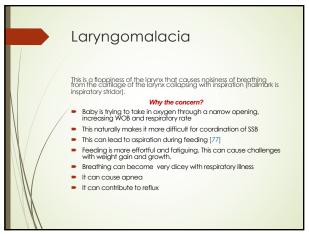
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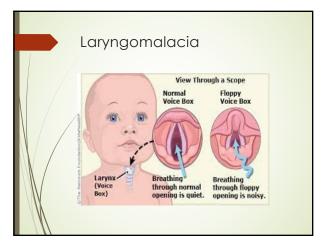
- The cleft may be in the baby's hard or soft palate or both. It may occur by itself or with a <u>cleft lin</u>, it can be unilateral (one side of the palate) or bilateral (both sides of the palate)
- Children born with cleft palate will need to be followed by a multidisciplinary craniofacial team from infancy through their teenage years depending upon the type of cleft and the possible impact on feeding, hearing, speech, dentition.
- Babies with cleft lip tend to undergo repair at 2-3 months.
- Babies with cleft palate, because the roof of the mouth is open, can have trouble with creating suction to pull milk from the nipple and breast (some babies can breast feed I If it is a parent goal, mothers should be encouraged to tryl).

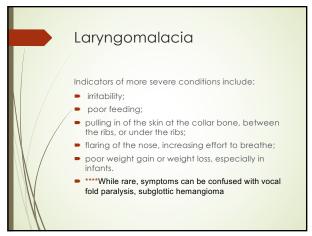
Cleft lip and palate

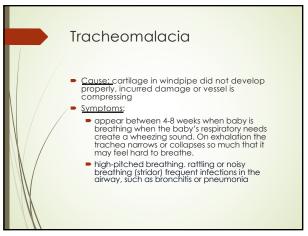


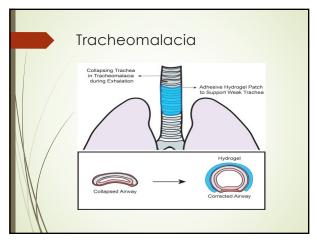




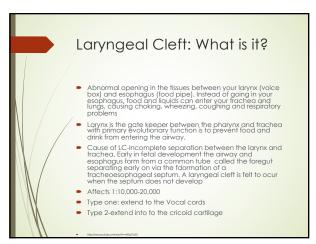


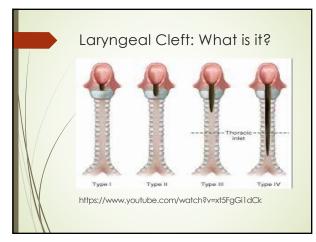


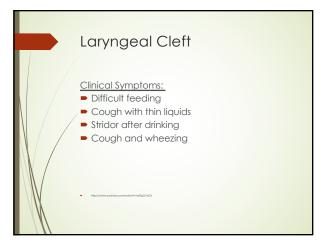


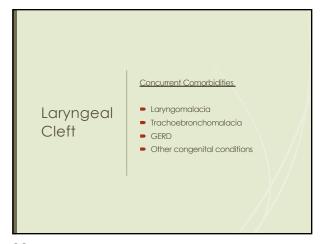


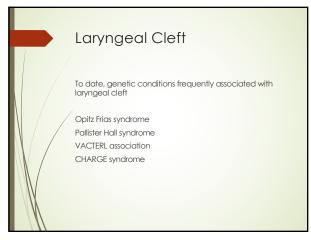




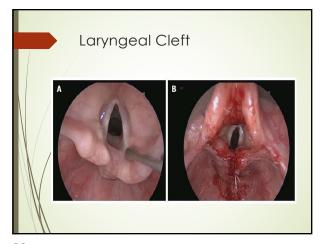


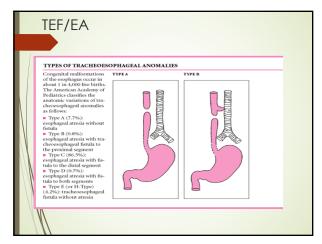


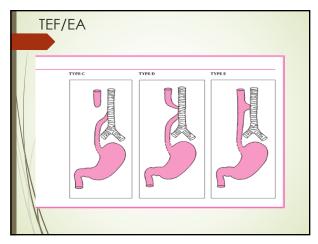








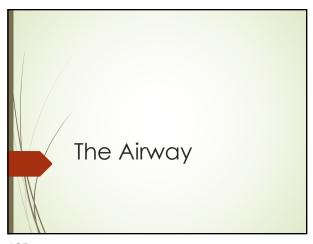


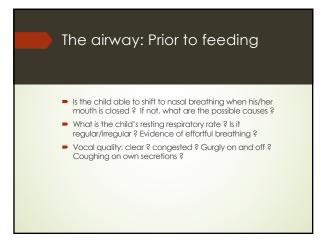


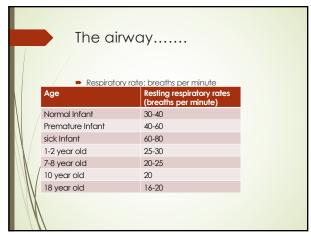
# Why the concern? Motility disorders of the esophagus are almost universal whenever there is esophageal repair. At the site of surgical repair anastomosis (connection between two passageways) there is scar tissue. This can build and create a stricture that can prevent flow of food and drink. There is a high risk of GERD from dysmotility. This can lead to aspiration related illnesses. Progressing feeding skills needs to be done with incredible care, understanding of the child's surgery [45,47]

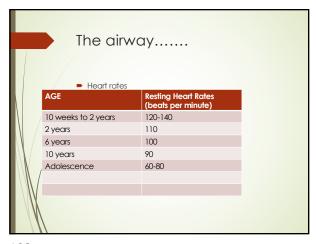
# Why the concern? Progressing feeding skills needs to be done with incredible care, understanding of the child's surgery, sites of possible stricture, signs of stricture. This conditions can co-exist with others. We need to be watchful of swallow safety for liquid (i.e. we have found undetected laryngeal clefts later) To move these children onto solid food their chewing skills need to be thorough-there's no room for error. Unchewed/insufficiently chewed pieces can get stuck. Oftentimes food needs to be "chased" with liquid in order to successfully travel through the site of anastomosis. How this is done needs to be determined via MBSS/VFSS.



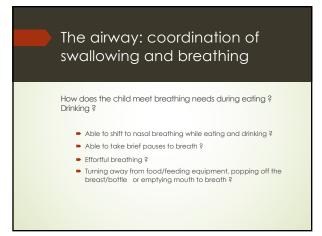


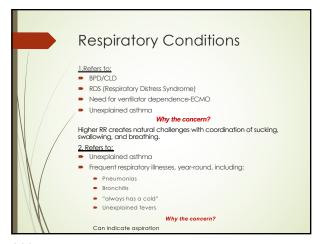


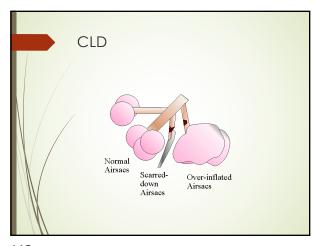








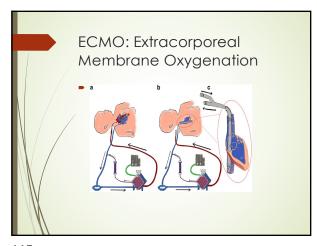




## ECMO: Extracorporeal Membrane Oxygenation • ECMO is a form of life support used for babies, children and adults with life-threatening heart and / or lung problems. ECMO provides time for the body to rest and recover by doing the work of the heart and lungs. • https://www.youtube.com/watc h?v=SHuA7E1WzHI

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## ECMO: Extracorporeal Membrane Oxygenation It is advanced life saving technology, a long-term support, used for infants and children experiencing the below conditions who have not responded to maximal ventilatory support: Asphyxia Meconium aspiration syndrome RDS Group B Streptococcal sepsis Congenital diaphragmatic Hernia (DH) Sometimes needed post cardiac repairs Children awaiting cardiac transplant

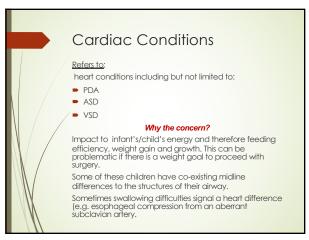


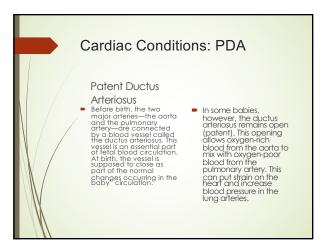
## ECMO: Extracorporeal Membrane Oxygenation Why the concern? High rate of feeding and swallowing disorders following ECMO including: incoordination of suck and swallow: frequent regurgitation and emesis; gastroesophageal reflux; delayed gastric emptying, and slow transit; swallowing disorders. It is difficult to distinguish to what degree these are linked to the underlying condition necessitating ECMO versus a side effect of ECMO use. Some knowns: Vocal cord dysfunction; intestinal dysmotility in infants surviving with the use of ECMO

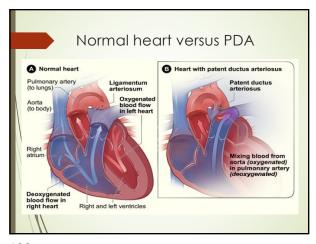
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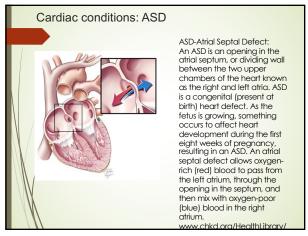
### Examples of impact of respiratory disorders on feeding

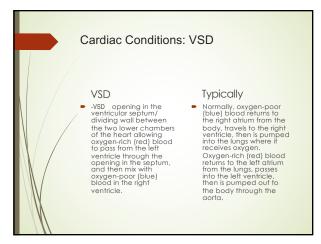
- RR > 60 can naturally impact coordination of sucking, swallowing and breathing.
- Children with high RR and/or significant work of breathing (e.g. laryngomalacia, tracheomalacia)
- 65% of patients with severe laryngomalacia have reflux. Further analysis revealed that those children with moderate to severe laryngomalacia were nearly 10 times more likely to suffer from reflux than those with only mild laryngomalacia.
- The proposed mechanism is that aerophagia during feedings causes gastric distention leading to vagal reflexes followed by postprandial vomiting and regurgitation.

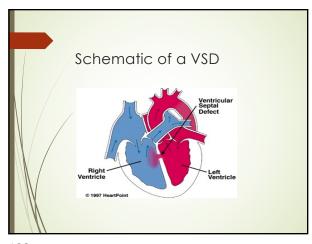


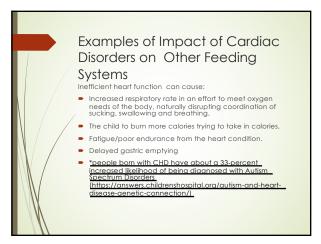


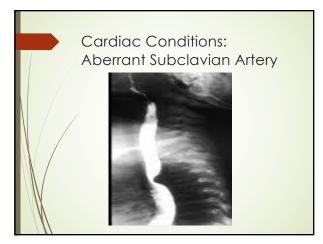


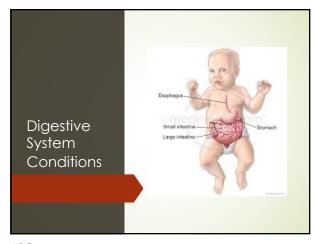


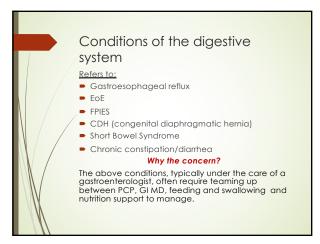


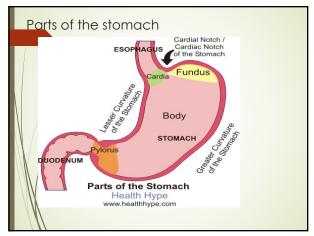


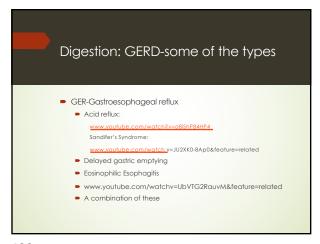


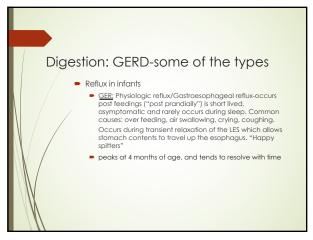








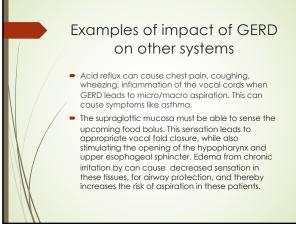


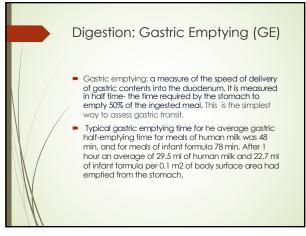


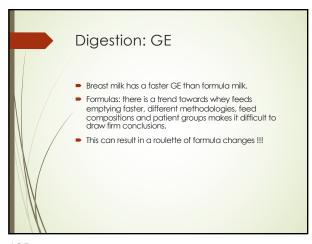
## Digestion: GERD-some of the types Reflux in infants GERD-Gastroesophageal Reflux Disease-highly misunderstood symptoms of mucosal damage caused by stomach acid rising from the stomach into the oesophagus. GERD is associated with a range of adverse respiratory, gastrointestinal, and neurobehavioral effects. Adverse effects may include pain, wheezing, apnea, stridor, recurrent bronchiolitis, episodes of oxygen desaturation, aspiration pneumonia, swallowing dysfunction, frequent vomiting, choking and gagging, lower energy intake and excessive weight loss, disorganized and dysfunctional sucking or swallowing, delayed readiness for solid foods or food refusal and delayed development.

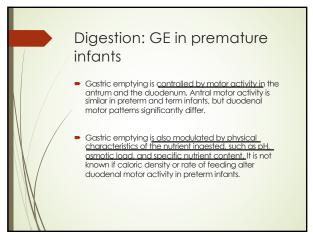
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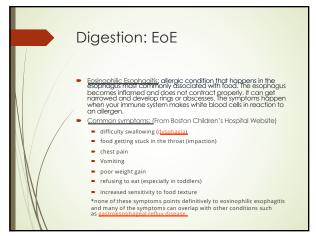
## Digestion: GER and GERD Determination of the exact prevalence of GER versus GERD is challenging because there is unclear demarcation between physiologic and pathologic reflux and incidence and prevalence data Our job: If we see reflux is getting in the way of pleasurable feedings, is painful, causing airway invasion, associated with poor weight gain and growth, we need to help the parents communicate this clearly and effectively to the PCP so that action is taken.

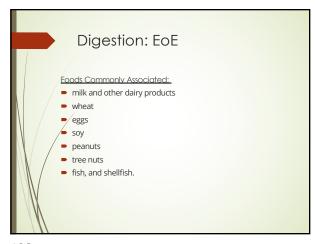


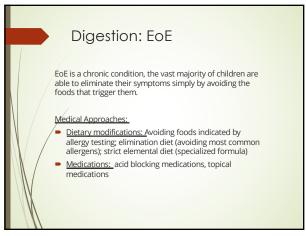






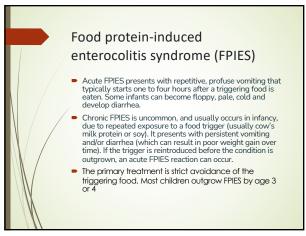


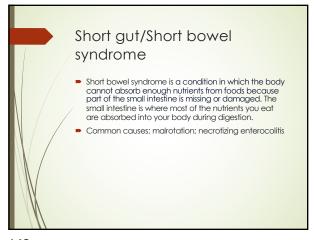


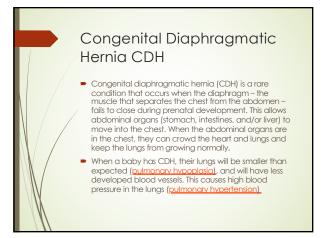


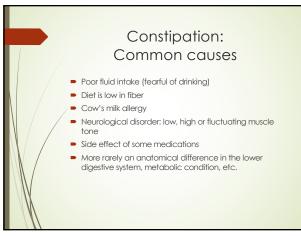
Digestion: EoE: Examples of Impact on other systems

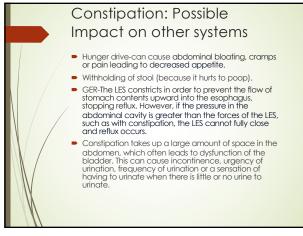
" Judy I have froggies in my throat because my drinks are going the wrong way"





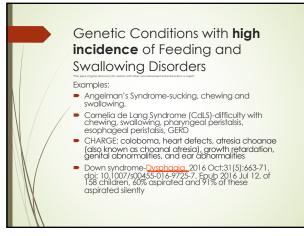


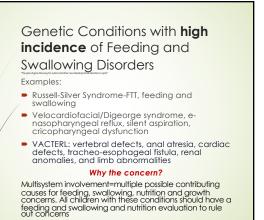


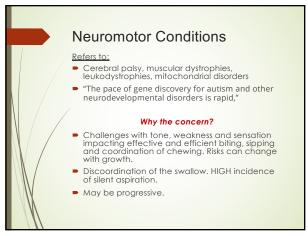


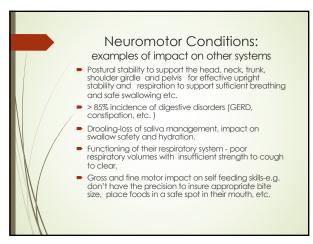


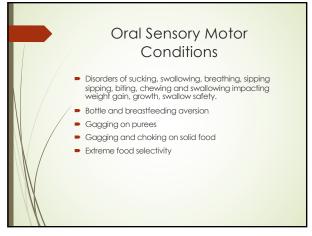






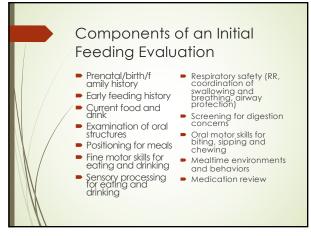






# Oral Sensory Motor Conditions: Examples of impact on other systems Insufficient liquid intake from challenges with efficiency and/or safety impacting hydration, contributing to constipation, challenges with alertness, etc. Challenges with coordination of sucking, swallowing and breathing, leading to aspiration/fear of aspiration. Reduced sensation impacting a child's abilities to detect appropriate bite size, when to chew, how long to chew so that food is safely swallowed. Poor chewing skills causing gagging and choking events, leading to food aversion and/or fear to practice needed skills. Discoordination leading to air swallowing causing reflux. And many more........







## Neo-EAT Tool for parents of infants birth to 7 months of age. There is a version for breasts feeding, bottle feeding and "mixed" (breast and bottle feed). It supports the clinician to complete a scarina summary and then has reference values that determine the level of concern. Available to you through Feeding Flock https://feedingflockteam.org/[58,59]

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## Neo-EAT: Areas Targeted Infant Regulation Energy & Physiology Gastrointestinal Tract Function Sensory Responsiveness Feeding Flexibility Scoring summary links to level of concern with reference values available for infants 0-2 months old, 2-4 months of age, 4-6 months, 6-7 months,

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## For caregivers of children 6 months through 7 years - CHOMPS (Child Oral and Motor Proficiency Scale (chOMPS)-for children being offered solid food. It is intended to be completed by a caregiver that is familiar with the child's typical eating and movement ablifties. Available to you through Feeding Flock https://feedingflockteam.org/

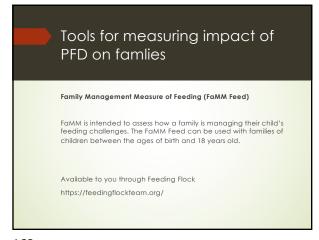
## CHOMPS: Areas Targeted Complex Movement patterns Basic Movement patterns Coral-Motor Coordination Fundamental Oral-Motor Skills Scoring summary links to level of concern with reference values available for infants 6-9 months, 9-12 months, 12-15 months, 15-18 months, 18-24 months, 2-2.5 years, 2.5-3 years, 3-4 years, 4-5 years, 5-6 years, 6-7 years,

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### For caregivers of children 6 months through 7 years PediEAT-assess observable symptoms of problematic feeding in children between the ages of 6 months and 7 years old who are being offered some solid foods. Available to you through Feeding Flock https://feedingflockteam.org/[61]

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### PediEAT: Areas Targeted Physiological symptoms: examples: facial coloring, coughing, food/liquid coming out of nose, shortness of breath, filting head back while eating (etc.) Problematic Mealtime Behaviors Selective/Restrictive Eating Oral Processing Scoring summary links to level of concern with reference values available for infants 6-9 months, 9-12 months, 12-15 months, 15-18 months, 18-24 months, 2-2.5 years, 2.5-3 years, 3-4 years, 4-5 years, 5-6 years, 6-7 years,



## Tools for measuring impact of PFD on families Feeding Impact Scales (Feeding Impact) intended to assess the impact of a child's feeding on the parent and family. The Feeding Impact Scales can be used with families of children between the ages of birth and 18 years old. Available to you through Feeding Flock https://feedingflockteam.org/

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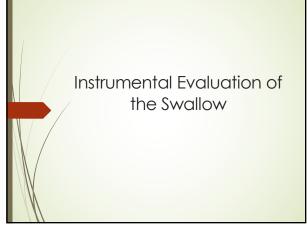
## Sample questions: We have to plan ahead when eating somewhere other than our home. Other caregivers (grandparents, babysitters) have difficulty feeding my child. My child's feeding care affects my family financially. There is more stress in my family because of my child's feeding. Family members do not want to watch my child because of his/her feeding needs. My family avoids social activities due to my child's feeding needs. Scores are totaled to determine total family and total parent impact

### The GIGER (Gastrointestinal and Gastroesophageal Reflux) Scale

The GIGER is intended to assess observable symptoms of gastrointestinal distress and gastroesophageal reflux in children under 2 years of age. The GIGER is intended to be completed by a caregiver that is familiar with the child's typical behavior.

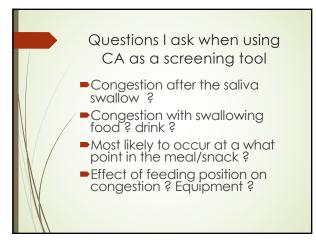
Available to you through Feeding Flock https://feedingflockteam.org/

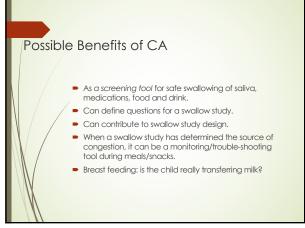
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### Cervical Ausculation-Screening! Aspects of Limitations Advantages Swallow Examined Detects changes in Easy, non-invasive, Does not view upper aerodigestive No radiation swallow tract sounds that Swallow can be mechanism occur during sampled over time directly, limited breathing, Uses "real ability to detect food"/no contrast swallowing, aspiration events, passage of bolus does not define "reason" for dysphagia, correlation between sounds and swallowing





## When is a swallow study necessary? Medical Criteria: Significant pre/peri/post natal risk factors (polyhydraminos, asphyxia) Respiratory conditions suggesting swallowing difficulties: recurrent pneumonias, bronchitis, asthma with no other identified cause; chronic congestion; frequent unexplained low grade fevers. Feeding related: congestion, coughing, gurgly voice quality, stridor; RR>60; apnea or bradycardia spells, dusky coloring High risk neurological condition (PVL, HIE) Unusual patterns of feeding aversion Significant concern from the PCP/specialty care physician

### How Are Swallow Studies Designed ?

- Goals are developed from clinical evaluation and/or day to day observations (e.g. sneezing, coughing, congestion, refusal of certain consistencies of food; balanced with ALARA
- Where in mealtimes do symptoms occur?
- Selection of food and drink.
- What do we need to do to replicate a typical meal time?
- What do we need to do to help the child (and parent) to participate comfortably?

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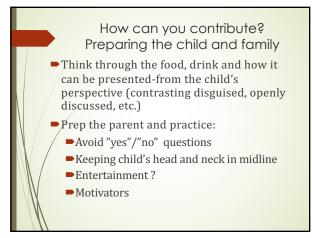
How can you contribute?
The Swallow Study Plan: part I

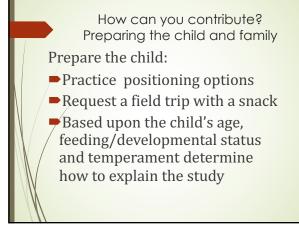
- ■Child: DOB:
- Ordering Physician:
- Requesting Therapist: Your name and contact information.
- Scheduling considerations (child's natural eating times, naptimes, when well vs ill, parent/family schedule):
- **■** Diagnoses and Statement of Feeding Safety Concerns/Questions:

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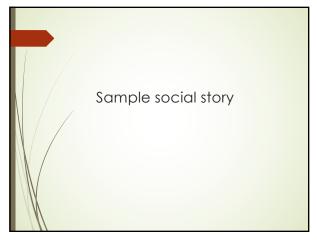
### How can you contribute? The Swallow Study Plan: Part 2

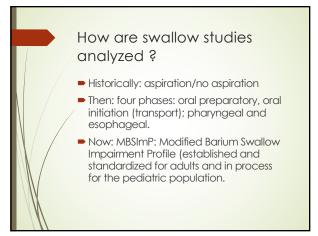
- Goal (s) of study:
- Critical information needed:
- If there is opportunity:
- Design of study: (prioritized food/drink, sequence of presentation and rationale; sensory processing and/or motor considerations, fatigue?)
- Child/family considerations in study design and implementation:
- Positioning needs: (orientation (s) for eating and drinking, representative of body alignment, child comfort, strategies to promote safety, equipment):
- Food and drink needed and who is providing:
- Instructions given to family:

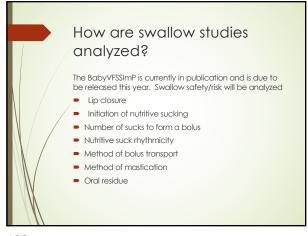


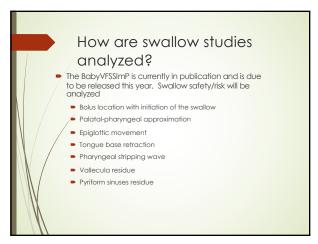






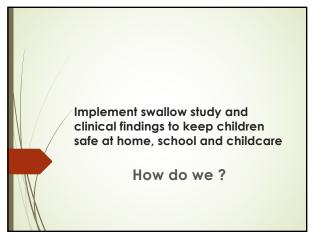






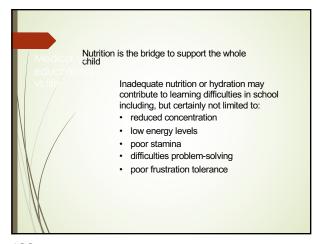


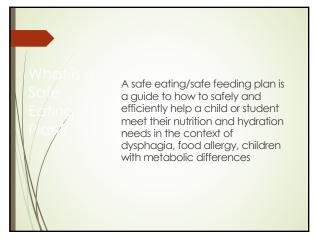


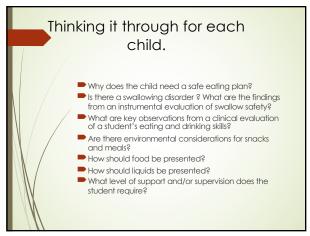


Implementing the Special Dietary Medical Form & Safe Eating Plans

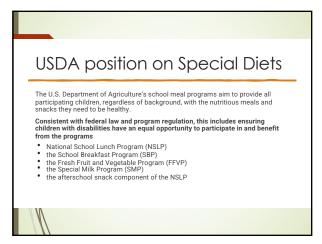
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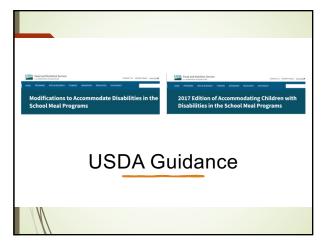


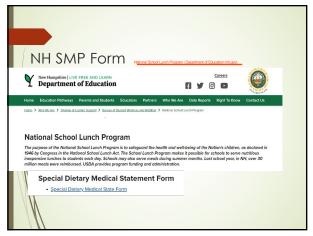


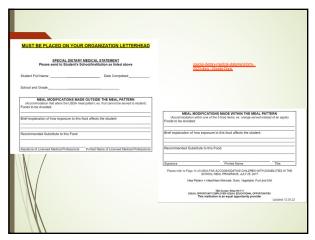


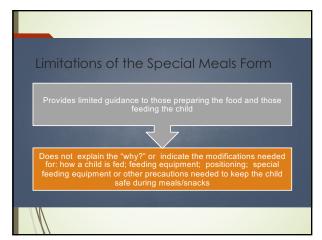
### Accommodating Special Dietary Needs in School Nutrition Programs The Anwirona with Disabilities Act (ADA) Agrendments Act of 2008 made important changes to the mealing and interpretation of the term (disability under the ADA and under Section 504 of the Rehabilitation Act of 1973. These changes were intended to make it easier for individuals to establish that they have a disability. Most physical and mental impairments will constitute a disability. Most physical and mental impairments will constitute a disability and the ADA a





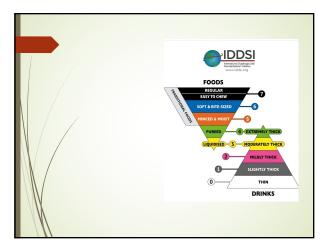


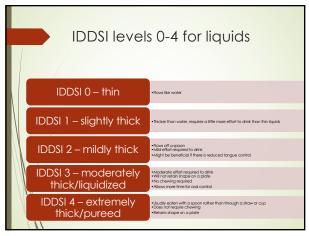


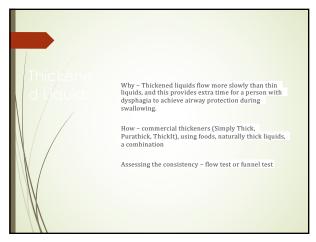


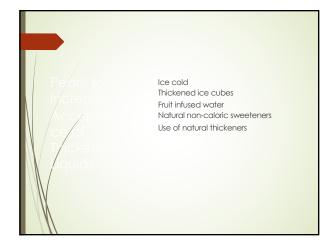


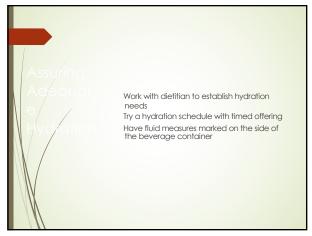


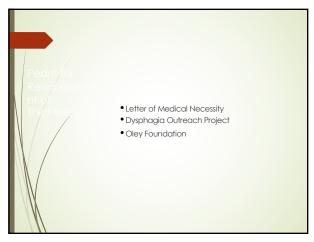




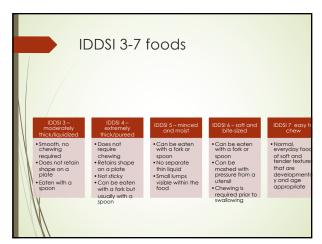


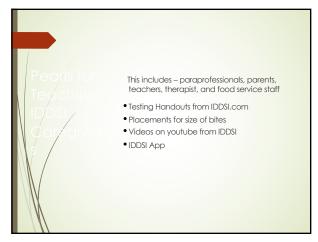




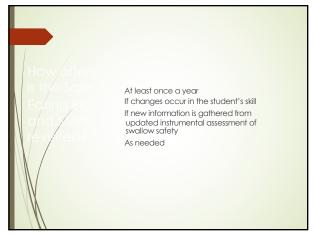


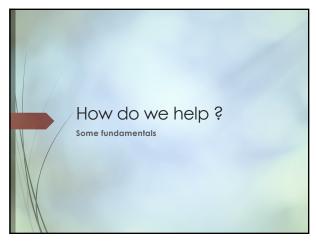


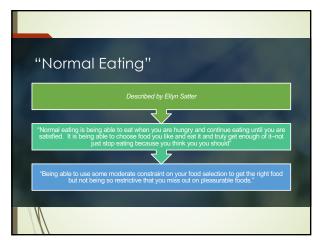


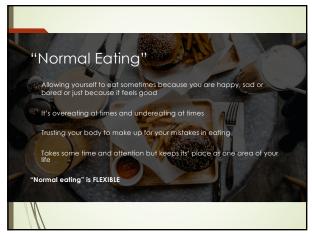


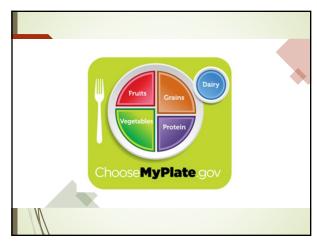




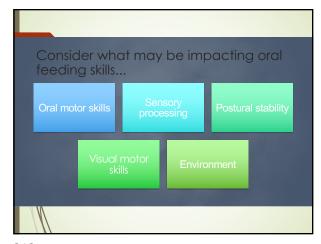




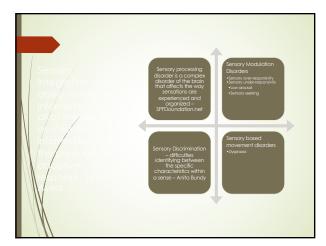


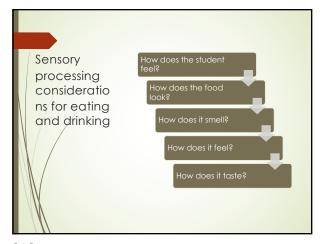


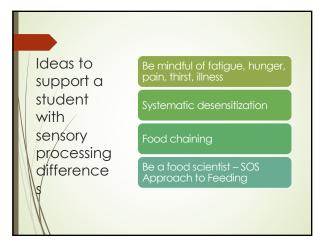












### Feeding Strategies/Routines Good advice for ALL children Caregiver provides a quiet, pleasant, distraction-free and safe environment for meals and snacks Do not bribe or force a child to clean the plate Seat the child at the table for meals and snacks Discourage walking or playing while eating Be sure child is properly positioned-feet on the floor and table at stomach level. Serve the child most of the foods the family is eating. Avoid being a short order cook

Model healthful eating habits and manners.

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### Establishing Mealtime Routines Good advice for ALL children

- Involve child in menu planning, food shopping, coupon clipping and food preparation. ie.
   setting table, putting graceries away, loading dishwasher, breaking eggs
- Encourage child to try at least 1 bite of a new food. It takes several introductions of a food before a child will pick it up and try int. Avoid tricking, bribing or forcing the child to try
- Present desserts and sweets as the last course of the meal. Do not use as reward for finishing the meal. This teaches that dessert is the best part of the meal and increases preference for sweets or may reduce acceptance of non-sweetened foods.
- Allow preschoolers who have finished eating to leave the table
- Allow child to choose how much is eaten from 2-3 choices



