







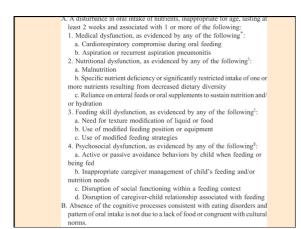
• Tube dependence

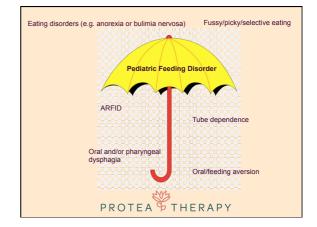
PROTEA THERAPY

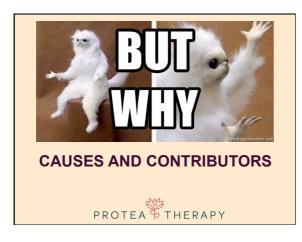
An eating or feeding disturbance (e.g., apparent lack of interest in eating or food; avoidance based on the sensory characteristics of food; concern about aversive consequences of eating) as manifested by persistent failure to meet appropriate nutritional and/or energy needs associated with one (or more) 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 or al nutritional supplements

- Dependence on enteral feeding or oral nutritional supplements.
 Marked interference with psychosocial functioning.
 The disturbance is not better explained by lack of available food or by an associated culturally sanctioned practice.
- The eating disturbance does not occur exclusively during the course of anorexia nervosa or bulimia nervosa, and there is no evidence of a disturbance in the way in which one's body weight or shape is experienced. The eating disturbance is not attributable to a concurrent medical condition or not
- better explained by another mental disorder. When the eating disturbance occurs in the context of another condition or disorder, the severity of the eating disturbance exceeds that routinely associated with the condition or disorder and warrants additional clinical attention.





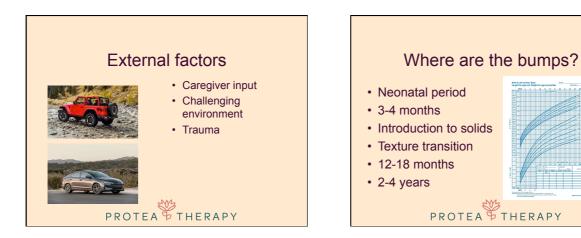








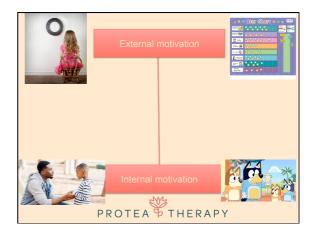










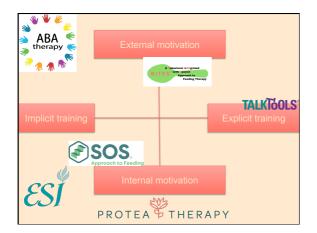




















- Giving smaller or larger boluses
- Varying the sensory input from a bolus

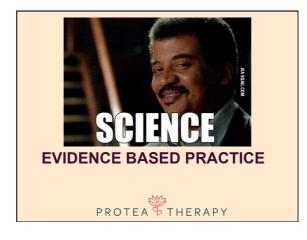
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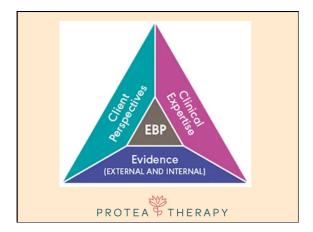


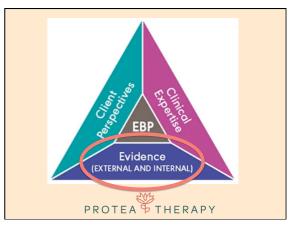












Limitations of the science

- There's not much treatment research
- Some approaches have received much more funding than others
- A lot of treatments and strategies are extrapolated from population-level or obesity-focused research
- What's there tends to be low level, and/or low quality

Best supported Operant conditioning Operant conditioning +



Condition	Options	Description	Notes	Evidence in speech
Practice amount	Small vs. large	Small: low number of practice trials or sessions Large: high number of practice trials or sessions	Potential interaction with practice variability (high number of constant practice trials may be detrimental to learning)	No systematic evidence
Practice distribution	Massed vs. distributed	Massed: practice a given number of trials or sessions in small period of time Distributed: practice a given number of trials or sessions over longer period of time		No systematic evidence
Practice variability	Constant vs. variable	Constant: practice on the same target, in the same context (e.g., s)table-initial <i>I</i> / <i>J</i>) Variable: practice on different targets, in different contexts (e.g., syllable-initial and final <i>III, /zi, /b/</i>)	Potential interactions with practice schedule, amount, complexity, and feedback variables Opposite effects on GMP vs. parameter learning	Limited evidence for benefit of variable practice in unimpaired speech motor learning; no evidence from MSD
Practice schedule	Blocked vs. random	Blocked: different targets practiced in separate, successive blocks or treatment phases (e.g., treatment on <i>H</i> / before infishing treatment on /z/) Random: different targets practiced intermixed (e.g., practice on <i>H</i> / and /z/ in each session)	Potential interactions with practice amount and complexity Opposite effects on GMP vs. parameter learning	Limited evidence for benefit of random practice, in unimpaired speech motor learning and treatment for AOS
Attentional focus	internal vs. external	Internal: focus on bodily movements (e.g., articulatory placement) External: focus on effects of movements (e.g., acoustic signal)	Focus must be task-related Difficult to define external for speech	No systematic evidence
Target complexity	Simple vs. complex	Simple: easy, earlier acquired sounds and sound sequences (e.g., plosives, CV-syllables) Complex: difficult, later acquired sounds and sound sequences (e.g., affricates, CCV syllables)	Potential interactions with practice schedule, feedback variables, and learner's skill level	Limited evidence for benefit of targeting complex items in treatment for AOS

