

# A Novel Approach in the Management of Failure to Thrive within the Cleft Lip & Palate Patient Population

### Presenters:

Natalie Seabolt, DNP, RD, PNP Nurse Practitioner, Pediatric Otolaryngology- Le Bonheur Children's Hospital Janelle Karrell, APRN, RN, PNP Nurse Practitioner-Medical Science Liaison, Nutricia Live event date:

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Notes:



### **Learning Objectives:**

- Discuss the challenges and hurdles associated with the nutrition management of cleft lip and palate patients
- Review literature and research related to nutritionally managing infants who struggle with failure to thrive
- Review case studies of CLP infants experiencing failure to thrive


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### **Disclosures**

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Natalie Seabolt honorarium provided by Nutricia

None pose any conflict of interest for this presentation

Janelle Karrell APRN, RN, MSN employed by Nutricia North America
The opinions reflected in this presentation are those of the
speaker and independent of Nutricia North America

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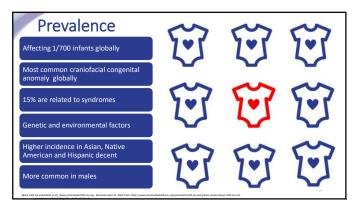
## NUTRICIA NORTH AMERICA SUPPORTS THE USE OF BREAST MILK WHEREVER POSSIBLE

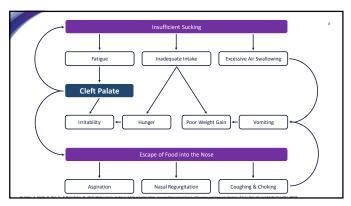
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Learning Objectives					
Discuss the challenges and hurdles associated with the nutrition management of cleft lip and palate patients	Review literature and research related to nutritionally managing infants who struggle with failure to thrive	Review case studies of CLP infants experiencing failure to thrive	Q&A ask the export, Natalie Seabolt DNP, RD, PNP		

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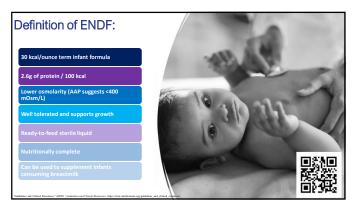
How often do you manage the nu with a Cleft Lip or Cleft Palate?	utrition of infants
A. Never	
B. Rarely (a few times annually)	
C. Periodically (a few times a month)	
D. Frequently (on a weekly basis)	

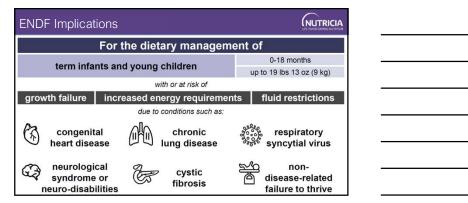


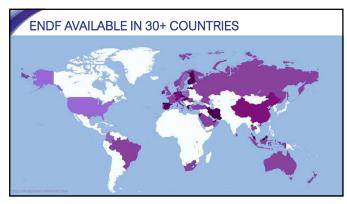


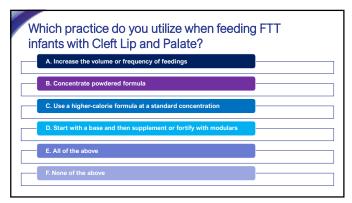








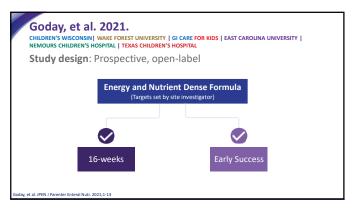


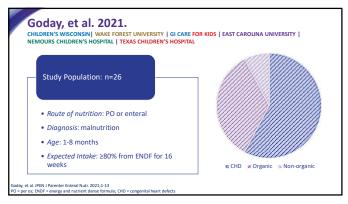


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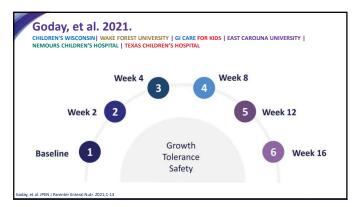
Energy-and protein enriched formula improves weight gain in infants with malnutrition due to cardiac and noncardiac etiologies.

Goday PS, Lewis JD, Sang CL, et al. JPDN 1 Prevented Centeral Natz. 2021;1:13.





# Goday, et al. 2021. CHILDREM'S WISCONSIN] WAKE FOREST UNIVERSITY | GLCARE FOR KIDS | EAST CAROLINA UNIVERSITY | NEMOURS CHILDREM'S HOSPITAL | TEXAS CHILDREM'S HOSPITAL | Intervention: Infant <12 weeks and orally fed − FADE BY REPLACING FEEDINGS • Day 1: Give 3 feeds of original formula & remainder of feedings as ENDF • Day 2: Give 2 feeds of original formula & remainder of feedings as ENDF • Day 3: Give 1 feedings of original formula & remainder of feedings as ENDF • Day 4: All feedings − ENDF Child ≥12 weeks and requiring transition or any drip-fed child − FADE BY BLENDING • Day 1: 50% ENDF, 50% old formula • Day 2: 70% ENDF, 30% old formula • Day 3: 90% ENDF, 10% old formula • Day 4: 100% ENDF



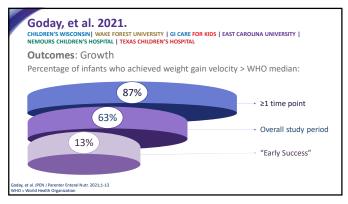
Goday, et al. 2021.

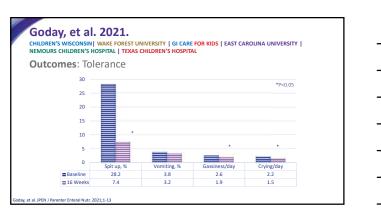
CHILDREN'S WISCONSINI WAKE FOREST UNIVERSITY | GI CARE FOR KIDS | EAST CAROLINA UNIVERSITY | NEMOURS CHILDREN'S HOSPITAL | TEXAS CHILDREN'S HOSPITAL

Outcomes: Nutrient Intake

| kcal/kg/d | Total energy intake | 123±32 | 94% |
ENDF intake | 116±32

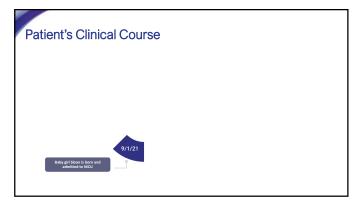




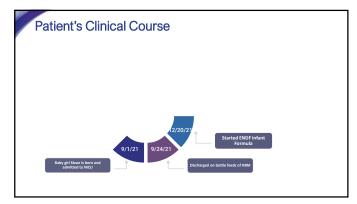


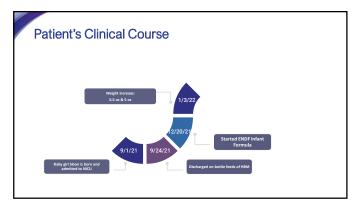


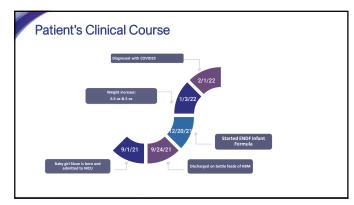


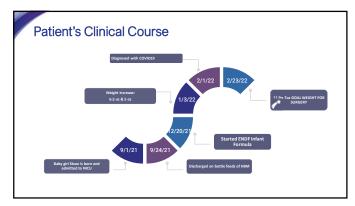


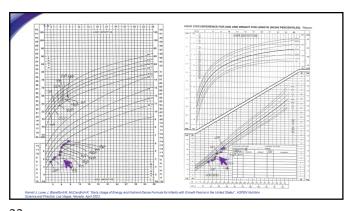
Patient's Clinical Course
9/1/21 9/24/21  Baby gif Stars is born and elemented to NOU  Discharged on bottle feeds of HBM













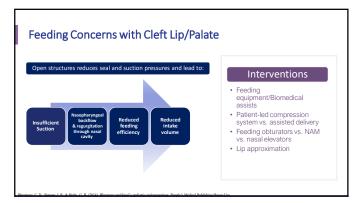


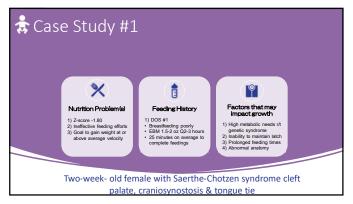


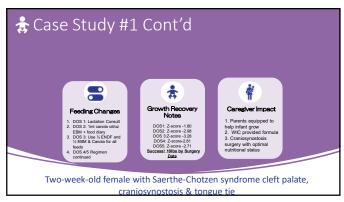


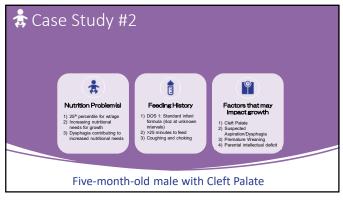


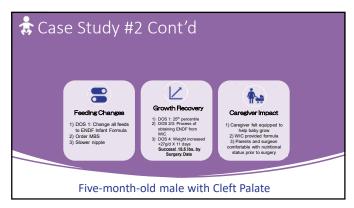
Cleft Lip/Palate Stat	istics · *Cleft Lip (C	e per 10,000 live births 1) more common in Males & Lef e (CP) twice as likely to be associ	•
Cleft Lip with or without Cleft Palate	10.00	10.00 3,979	
Cleft Lip with Cleft Palate	6.40	2,518	1 in 1,563
Cleft Lip Only	3.56	1,402	1 in 2,807
Cleft Palate Only	5.93	2,333	1 in 1,687



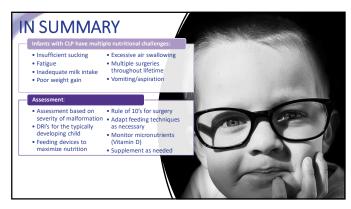


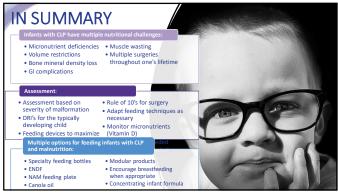












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