

Feeding Difficulties & Mismanagement – “Our Family’s Perspective”

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Continuum of Care



Disclosures:

- “OUR” Family’s Perspective
- “GENERAL” Statements
- Most important letters after my name: Mamí
- Have NOT come across a question that I will not answer
- Can NOT promise that I will not get emotional



Learning Objectives:

- At the end of this presentation, the attendee will be able to:
 - Name 3 conditions for which the ICD-9 definition of “Feeding Difficulties & Mismanagement” applies to
 - Name 2 processes involved in feeding/eating
 - Name 4 possible consequences from having feeding difficulties & mismanagement



Outline:

- Define “Feeding Difficulties & Mismanagement”
 - ICD-9
 - What’s included/excluded
- Discuss complexity of “Feeding”
 - Volitional/Reflexive
 - Coordinate: Eating, Swallowing, Breathing



Outline:

- When feeding/eating is working/not working
 - Nutrition/Hydration
 - Complications
- Feeding & Social/Cultural Influences
- Sharing of Our family's experience



Introductions:

- Lourdes Vizcarra, M.D.
 - Family & Community Medicine
 - M.A.M.Í
- Audience:
 - Individuals
 - Family Members
 - Case Managers
 - Direct Care Staff
 - Nurses
 - Others?





DEFINITION:

“Feeding Difficulties & Mismanagement”



Once again:

It's all my fault!!!



9 months old



ICD-9: Introduction¹

- ICD-9-CM Diagnosis Codes “ICD-9 Codes”
 - Used in medical billing to describe disease, injuries, symptoms and conditions
- Symptoms, Signs, and Ill-Defined Conditions (780-799)
 - Symptoms concerning nutrition metabolism and development (783)
- Mental Disorders: Special symptoms or syndromes not elsewhere classified (307.50-307.59)



Feeding Difficulties & Mismanagement¹:

- 2012 ICD-9 783.3
- Imbalance in the normal feeding habits of an infant
- Short description: Feeding Problem
- A billable medical code that can be used to specify a diagnosis on a reimbursement claim



ICD-9 783.3¹

Applies to: (ICD-10 R63.3 Feeding Difficulties)

- Oral Aversion (newborn)
- Feeding Difficulty (adult, child, elderly, infant)
- Feeding Disturbance (elderly, infant)
- Faulty Feeding (elderly, infant)
- Improper Feeding (elderly, Infant)
- Feeding Problem (elderly, infant)
- Feeding Mismanagement
- Feeding Problem (elderly, infant)
- Regulation Feeding (elderly, infant)



ICD-9 783.3¹

Excludes:

- Feeding disturbance or problems in newborn (779.31-799.34) (PERINATAL)
- Of non-organic origin (307.50-307.59) (MENTAL Disorders)



Feeding/Eating: What's involved?²

- Complex Physiologic Process
- Social Influences
- Cultural Influences



Feeding/Eating: What's involved?²

- Feeding Development
 - Dependent:
 - Structural Integrity
 - Neurologic Maturation
- “Learned” Progression of behaviors
 - Sensory & Motor Development
 - Experience



Feeding/Eating: What's involved?²

- Complex behaviors:
 - Volitional & Reflexive
 - > 30 nerves & muscles
- Food Passage (oral cavity to stomach)
 - Oral
 - Pharyngeal
 - Esophageal



Feeding/Eating: What's involved?²

- Airway Protection
- Coordination:
 - Eating
 - Swallowing &
 - Breathing



Feeding & Swallowing³

- Swallowing Process: stages
 - Oral (Preparatory, Propulsive)
 - Sucking
 - Chewing
 - Moving food/liquid into throat



Feeding & Swallowing³

- Swallowing Process: stages cont.
 - Pharyngeal
 - Starting the swallow
 - Squeezing food down the throat
 - Closing off airway



Feeding & Swallowing³

- Swallowing Process: stages cont.
 - Esophageal
 - Relaxing/Tightening openings Esophagus
 - Squeezing food through the Esophagus & into the stomach



Feeding/Eating: What's involved?

When all is well:

- Hydration
- Nutrition
- Airway Protection

When it is NOT:

- Dehydration
- Malnutrition
- Airway Obstruction
- Aspiration
- Isolation/Embarrassment



Social & Cultural Influences⁴:

Food

- Integral part of Human Life
- More Important than Sex
- Profound Social Urge
 - Shared/Together
 - Celebrations



Social & Cultural Influences⁴:

- Profound Social Urge
 - Shared/Together
 - Celebrations/Ceremonies/Symbolic
 - MOST important thing a mother gives to a child
 - Symbol/Reality: LOVE & SECURITY
- All Cultures ->considerable lengths to obtain preferred foods



Social & Cultural Influences⁴:

- American Melting Pot:
 - “food preferences of dozens of nations ->side by side....can't help....overlap and mixing”
- Kind of food/Preparation/Serving
- Way of eating food



Clinical Considerations:

- **Gastrointestinal Disease:**
 - *GERD*
 - *Constipation*
 - *GI Motility*
- **Pulmonary:**
 - Chronic Micro-Aspiration
 - Recurrent Pneumonia
 - Chronic Ling Disease



Clinical Considerations:

- **Neurologic**
 - *Seizures*
 - *Spasticity*
 - *Gastroparesis*
 - *Dependent Feeders*
- *Saliva Management*
- **Oral Hygiene:**
 - *Plan, NPO status* (changes in oral Flora)



Clinical Considerations:

- **Positioning**

- *Scoliosis*
- *Postural Tone*
- *Sleep*

- **Behavioral Challenges**

- *Rumination*
- *Food Seeking*
- *PICA*



Our Family:



Sebastian Iñigo:

Announcing the arrival of our new GREAT LOVE!



November 17, 2005

5 lbs 1 oz

18.5 inches

- 37 4/7 wks EGA
- Ballard 35 wks
- AMA
- PIH
- IUGR



Breastfeeding:

- Every baby: reflexes
- Physiological
- Emotional Bonding



Congenital Heart Disease:



1st Year of Life:

- Breastfeeding
 - Fortifying milk
- Specialists:
 - Cardiology
 - Cardiothoracic Surgeon
 - Genetics: negative
 - Ophthalmology: CVI
 - Neurology: Hypotonia, Subdural Hematomas
- Early Intervention



*98 appts/visits



Open Heart Surgery:



June 7, 2006



2nd Year of Life:

- Breastfeeding: pump
- Boost Kid Essentials
- High Caloric intake
- Specialists:
 - Nutritionist
 - GI/General Surgeon
 - Feeding Nurse Specialists
 - Metabolic Geneticist
 - Orthotist: Helmet



Failure to Thrive (FTT): NGT

- Metabolic Geneticist
- “G-tube placement Appt”
- “Refused”
 - Nutritionist
 - Feeding Specialty Nurse
 - Infant Scale
 - Fortifying/High Caloric



Failure to Thrive (FTT): NGT

Sebastian I. Wurzel
Daily Caloric Intake

9/20/2013

Date:	Tot. Calories:	#PO Calories:	#Solids:	#oz JFK:	#ozH2O:	#ozOther:	#ozNGT ON:	Comments:	Weight:
05/01/07 T	626	334	3	0	1	3.7 Pedia	5.5 ped 3.5 JFK	*NGT +V	8.9 kg
05/02 W	694	100	2	7.5	2.6		8 JFK	UGI +V	
05/03 Th	919	30+	2	16.5	3.2		8 JFK	+V	
05/04 F	800		3	14.4	3		8 JFK	+V p am	
05/05 S	736	25+	2	11.6	3.2		8 JFK	*NGT +V	
05/06 S	876	71	3	14	3		8 JFK		
05/07 M	601		1	16.5	2	4Pr Juice/1pedialyte			19# 12oz
05/08 T	655	0	0	9	3.5	3 Pedialyte	8 JFK	MRI	
05/09 W	834	70	3	14.1	3.5		8 JFK	+V p Prev	
05/10 Th	989	50+	2	17.8	3		8 JFK		
05/11 F	878	105	2	13	2		8 JFK	+V p am	9.125 kg
05/12 S	872	25+	3	15.4	3.2		8 JFK		
05/13 S	981	50+	3	23.9	3		8 JFK	+V	
05/14 M	473	119	3	9.8	2.2		0	*NGT **Bolus ON	
05/15 T	685		2	19.5	3.3		0		
05/16 W	870	5	1	27	1.2		0		
05/17 Th	863		2	24.7	2.3		0		
05/18 F	714	30	1	21.1	2.3		0	TRIP +V p cereal	
05/19 S	791	0	0	24.7	1.3		0	+V p am	
05/20 S	876	35	1	26	2		0	+V	
05/21 M	661	18	1	18.2	2.5		0	URI +V	
05/22 T	537	35 (liquid)		11.1	3		2.7	ON attemp +F +V30m	20# 4oz
05/23 W	239	0	0	1	4.8	4ap 4pr 3enf	0	+V	
05/24 Th	172	102 (liquid)		2	5.5	2ap 4enf	0	*NGT +V	
05/25 F	465	0	0	12.4	1	2ap	0	*NGT +V	
05/26 S	760	10	1	21.1	3.7		0	+V	
05/27 S	679	55	2	16.2	3.5	3.3 apple j	0	*NGT +V30m	
05/28 M	739	131	3	14.8	3.3	3 apple j	0	*NGT +V	
05/29 T	308	35.5 (liquid)		7.1	1	3.7 apple j	0	*NGT +V Irrit	
05/30 W	602	0	0	16.2	3.3	1.7 apple j	0	*NGT Ph Probe +V	8.765 kg
05/31 Th	358	15	2	7.7	1.2	2ap 2.4pedial	0	*NGT +V	
06/01 F	688	0	0	16.3	3.2	4 pedial	0	+V	19# 9oz
06/02 S	729	0	0	18.1	1.6	5 pedial	0	*NGT +V	
06/03 S	951	0	0	23.6	4	2 pedial	0		



NGT:



Gastrostomy Tube:



Gastrostomy Tube:



Mmmmmmmmm!

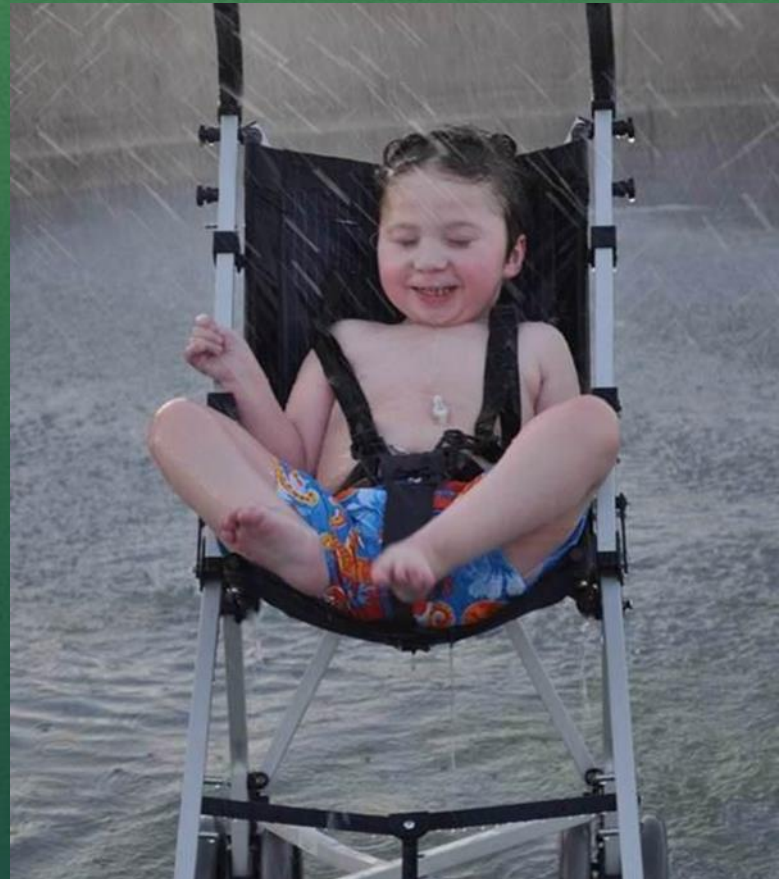


Our Most Important Treasures!



Currently:

- HC Providers:
 - Pediatrician
 - Cardiologist
 - Neurologist
 - GI
 - Genetics
 - Audiologist
 - Orthopedist
 - Ophthalmologist
 - Pulmonologist (2012)
 - ENT (2013)
 - Nutritionist
 - Pharmacist
 - Therapists

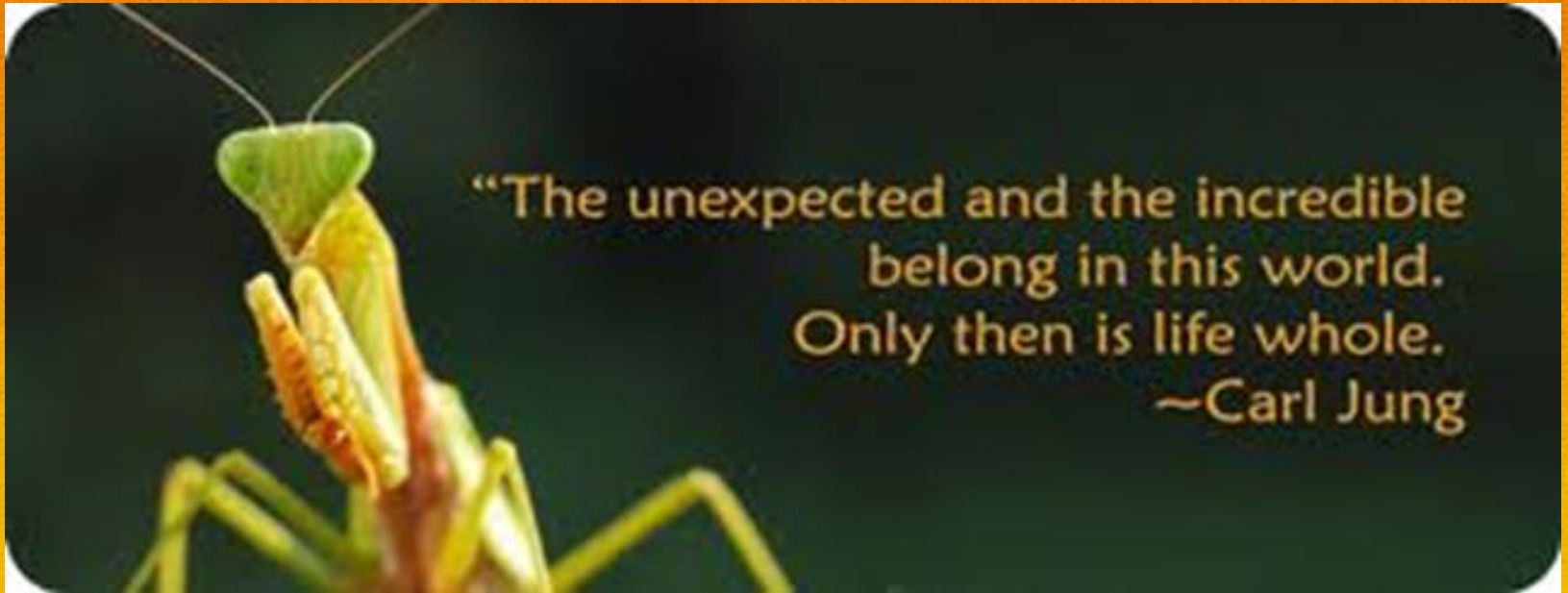


Currently:

- Procedures:
 - Circumcision
 - Open Heart Surgery
 - NGTs
 - G-tube placements/changes
 - Blood Draws
 - Urine Testing
 - MRIs
 - EEGs
 - EKGs
 - Echos
 - X-rays
 - Swallow Studies
 - Bone Density
- Appointments:
 - By age 1 year: 98
 - 2012: 130



FIN



“The unexpected and the incredible
belong in this world.
Only then is life whole.
~Carl Jung

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