# Intro to Pediatric Incontinence

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## Incidence and Consequences of Pediatric Incontinence

- Social/ Emotional
- Functional Downwards spirals
- Estimated 10% of children affected
- 80% treatable by addressing constipation alone
- Daytime and Nighttime are separately treatable
- Hereditary concerns

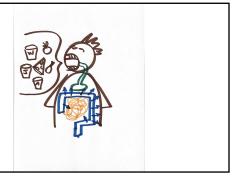
#### Review of Anatomy affecting Bowel/ Bladder

- Bowel System
- Bladder System (water transfer)
- Bristol Stool Chart
- Urine Chart

# The Bowel System/ Digestive Track

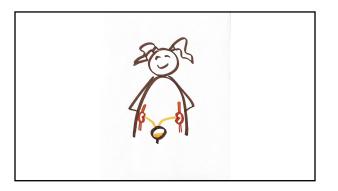
- Keep things simplified, and explain that they are simplified
- Use interactive methods to keep the child's attention
- · Drawing it out allows personalization to the child
  - Interests in food types
  - Open ended questions to gather evaluation data to revisit later

    "What are some types of drinks you like?"
  - Allowing the child to identify body parts to see how much they already know
     Most get to the stomach, although they tend to skip the throat



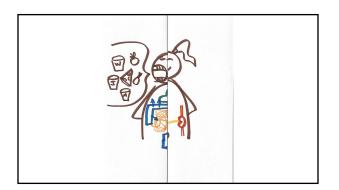
# "...But we never talked about pee!"

- Use a new drawing to keep things simplified
- Explain from the previous drawing that water was given to the body in the colon/ "poo-maker" and now has traveled all over the body
- Again, remind them that this is a very simplified version of how things happen

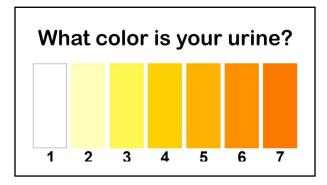


## "But you don't have 2 bodies- only 1!"

- Show both together/ stack/ etc
- Explain dimension of body
- Location of Bladder versus Rectum
  - This is the most common link between constipation and incontinence







# The Connection Between Incontinence and Bowel

- Rectum and bladder positioning and relations
- The Colon is good at it's job! It gives water to the body even to sacrifice itself
   Fecal Retention and Compounded Bowel concerns
- - Pressure system to signal urgency
    Colon stretch/ retained hard stool
- Effect of hardened stool on bowel/bladder sensation/urgency
  - Desensitization
  - Excessive stretch and non-return
     Pressure constant on bladder



# **Evaluation and Tracking of Incontinence**

- Introduction to client/ filling out bowel/bladder tracking sheet
- Example of bowel/bladder tracking sheet
- History
- Examination of the pelvic floor/ anal reflex
- Reading the bowel/bladder tracking sheet
- Red flags for referral/ reasons to get more education: physical malformation, loss of sensation, loss of pelvic floor reflexes, psychological complexities and

	BLADDER-BOWEL DIARY DATE:				
NAME:					
Time of Day	Type and Amount of Food & Fluid Intake	Amount Voided in Seconds (or Sm. M. L.)	Amount of Leakage (Sm, M, L)	Activity with Leakage & was an Urge Present	Bowel Movement (Y/N, Type)
12:00AM			(		(S.S.S.ES)
1:00					
2:00					
3:00					
4:00					
5:00					
6:00					
7:00					
8:00					
9:00					
10:00					
11:00					
12:00PM					
1:00					
2:00					
3:00					
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#### Treatment of Incontinence

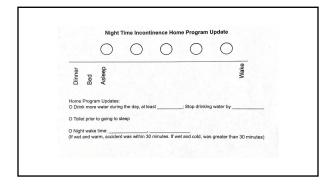
- Importance and use of diet and water intake
- Positioining on the toilet: use of stools and stability aides

Squatty potty as an example: https://www.google.com/search?g=squatty+potty+commercial&rtz=1C1CHBF\_enUS886US88 7&oq = squatty &ags = chrome. 4.0i433i512j69i57j0i512j0i20i263i512j0i433i512j0i512l5.5097j0j7&ags = chrome. 4.0i433i512j69i57j0i512j0i20i263i512j0i433i512j0i512l5.5097j0j7&ags = chrome. 4.0i433i512j69i57j0i512j0i20i263i512j0i433i512j0i512l5.5097j0j7&ags = chrome. 4.0i433i512j69i57j0i512j0i20i263i512j0i433i512j0i512l5.5097j0j7&ags = chrome. 4.0i433i512j69i57j0i512j0i20i263i512j0i433i512j0i512sourceid=chrome&ie=UTF-8

• Importance of education of the child and the parent

# Treatment of Incontinence

- Treatment of enuresis (night wetting)
  - Day time continence needed Bed Time Routine consistency
  - VERY individual
  - Water intake during the day
  - Tracking night wetting Bladder Retraining
  - Example of Home program sheet for enuresis bladder retraining



## Reasons to get Further Treatment Skills

# **#1: THIS IS A VERY BASIC INTRO TO** TREATMENT OF INCONTINENCE!!!

There is so much more to learn and understand, and you will run into cases that you just don't know how to treat.

## Reasons to get Further Treatment Skills

- Treatment of moderate and complex cases
- Use of Bio-feedback
- Use of manual techniques
- Understanding over the counter and prescription medications

## But where do I go for more continuing education?

- Without any specific recommendations
- Herman&Wallace
- AOTA
- WEBPT
- Networking

# Case Studies/ Examples of Treatment

- Refusal to sit on the toilet (ES)
- Elementary age male, encopresis: education, increased water and abdominal
- Homeless teen (with mom), encopresis: poor water intake, poor toilet availability, poor self motivation

- Male, 11 y/o
- MD
- Sensation awareness
- Varied Bristol Level, sudden onset
- Poor differentiation of sensation



- (J) ZS, 8yo male,
- 4 visits
- Initial Bristol 2
- Daily stool accidents
- Tx:
  - Education

  - water intake
     abdominal massage



- 6 y/o Male
- Poor attention/focus
- General delays
- 8 visits
- Education/ Home program
- Bio-feedback
- "How does your body feel?"



- 8 y/o Male
- Autism/ ADHD
- Poor self awareness
- · Poor self motivation
- 2 years of treatment
- Parent education and home programming for interaction
- Highly psychological: seeking attention and time with parents through accidents
- Motivated by Boy Scout campouts/ trips and family time

- "My child will get water poisoning!"

  - 4 y/o F
     Bristol 2
- D, LB
   12 y/o F

  - Daily urine accidents
     Quick success (2 months), but remaining dribbles
     Transitioned from education and home program to bio-feedback of PF

#### References

Bristol Stool Chart:

https://orkidideas.co

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