

TYPES OF REINFORGEMENT SOCIAL • Access to attention • Access to items • Escape from instructions or situations WATA, DORSEY, SLIFER, BAUMAN, & RICHMAN (1994) PHAZZA ET AL. (1998)

FOR BEHAVIOR THAT PRODUCES SOCIAL REINFORCEMENT

Attention or tangible

Making Teachable Moments out of Meltdowns for Toys, Treats, and Attention Presented by Kyle Dawson and Christic Stiehl Video at http://prtl.uhcl.edu/autism-center/speaker-series/previous-lecture-materials

Escape from demands

Don't Sweat the Hard Stuff: Managing Problem Behavior During Work Time Presented by Channing Langlinais February 11, 2017

AUTOMATIC REINFORCEMENT

- May seem to occur "out of the blue"
- Nothing in the environment causes the behavior
- Many behaviors fall into this category
 - -Eating or drinking
 - -Running
 - -Pica
 - -Stereotypy





COMMON PICA ITEMS

- Dirt
- Hair
- Paint chips
- Paper
- Chalk
- Toothpaste
- Coffee grounds
- Soap
- Cigarette butts
- Feces
- Glue

KID'S HEALTH (N.D.)



WHAT IS KNOWN?

- Can occur in disabled or neurotypical individuals of all ages
- Can be dangerous²
 - -Lead-based paint chips
 - -Sharp objects
- Can lead to nutritional deficiencies²
- Can be caused by medical or psychological problems 1,2

I: KRUCIK (2005)

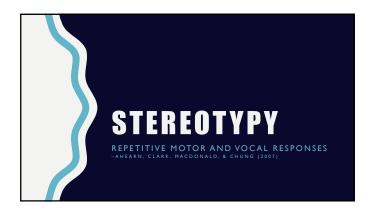
CONSIDERATIONS BEFORE TREATMENT

- Medical causes (eliminate first)
- Developmental level¹
- Persistance¹
- Ingestion of dangerous items
- Frequent ingestion of inedible items



PLEASE CONTACT A BCBA® TO ADDRESS PICA OF DANGEROUS MATERIALS

1: AMERICAN PSYCHIATRIC ASSOCIATION (2013)



TYPES OF STEREOTYPY

VISUAL

- Hand flapping
- Shaking objects

VESTIBULAR

- Rocking
- Stomping
- Spinning

RAPP & VOLLMER (2005)

AUDITORY

- Repeating sounds
- Tapping ears

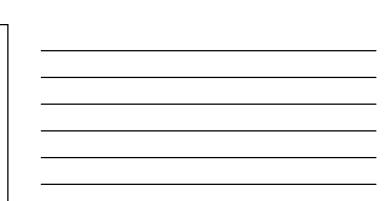
TACTILE

- Mouthing objects
- Rubbing
- Scratching

WHAT IS KNOWN?

- Part of typical development^{3,7}
 - May occur earlier and more in people with autism spectrum disorder (ASD)2,8
- Part of diagnostic criteria for ASD¹
- Believed to occur because the individual enjoys the sensation⁶
 - May also occur for other reasons^{4,5}
- I: AMERICAN PSYCHIATRIC ASSOCIATION (2013) 2: BODFISH, SYMONS, PARKER, & LEWIS (2000) 3: FOSTER (1998) 4: KENNEDY, MEYER, KNOWLES, & SHUKLA (2000)

- 5: MACE, BROWDER, & LIN (1987)
 6: RINCOVER (1978)
 7: TROSTER (1994)
 8: WATT, WETHERBY, BARBER, & MORGAN (2008)



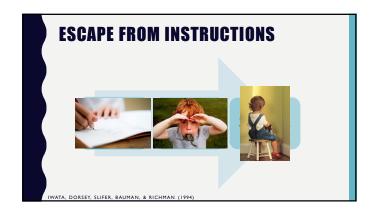
WHEN SHOULD IT BE ADDRESSED?

- \bullet Interfering with learning and well-being 2,5
- Creating social stigma^{4,6}
- Affecting family functioning 1,3
- I: BISHOP, RICHLER, CAIN, & LORD (2007)
 2: DUNLAP, DYER, & KOEGEL (1983)
 3: GREENBERG, SELTZER, KRAUSS, CHOU, & ORSMOND (2006)
 4: JONES, WINT, & ELLIS (1990)
 5: PIERCE & COURCHESNE (2001)
 6: WOLERY, KIRK, & GAST (1985)

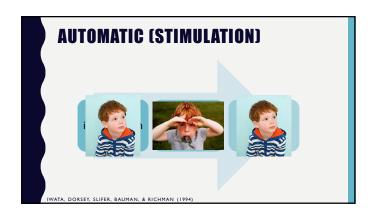










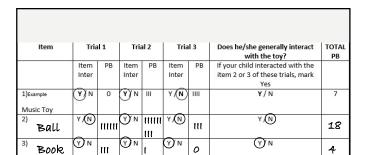




PROVIDE A COMPETING STIMULUS

- Identify an item that's better than the behavior
 - -Give your learner a variety of items one at a time for a minute
 - Record how often they engage in the problem behavior and if they play with the item
 - -Find items that they will play with instead of misbehaving
- When you find an item keep it around all the time

HAGOPIAN, GONZALEZ, RIVET, & CLARK (2011) PIAZZA ET AL. (1998) PIAZZA, HANLEY, & FISHER (1996)



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- Block when the learner is picking up potential pica items or putting them in his mouth
- Block when the learner begins engaging in stereotypy

HAGOPIAN, GONZALEZ, RIVET, TRIGGS, AND CLARK (2011) MCCORD, GROSSER, IWATA, & POWERS (2005) WINTON & SINGH (1983)

REINFORCE MORE APPROPRIATE REHAVIOR

- Teach the learner to engage in more appropriate behavior
 -Play -Social
- Reward the learner when he engages in more appropriate behavior
- Redirect the learner to engage in the appropriate behavior

AHEARN, CLARK, MACDONALD, & CHUNG (2007)
HAGOPIAN, GONZALEZ, RIVET, TRIGGS, & CLARK (2011)
KERN, KOEGEL, DYER, BLEW, & FENTON (1982)
LANG, KOEGEL, ASHBAUGH, REGESTER, ENCE, & SMITH (2010)

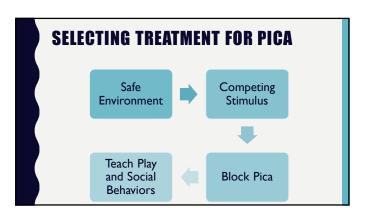
LEE, ODOM, & LOFTIN (2007) PIAZZA, HANLEY, & FISCHER (1996 POWERS, THIBADEAU, & ROSE (1992)



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SET UP A SAFE ENVIRONMENT

- Place toxic materials out of reach and locked away
- Scan and clear out each new environment upon entering
- Keep an eye on the learner as much as possible
 If you are unable to watch the learner for a period of time, ensure that he is in a safe location
- Notify day care and friends





• Have your learner exercise throughout the day -May replace sensory input -May help tire them out

TEACH APPROPRIATE SETTINGS

- Stereotypy is not always inappropriate
- Teach your learner when it is appropriate
- Only apply treatment to times that it is inappropriate
- Redirect your learner to appropriate location



SELECTING TREATMENT FOR STEREOTYPY Teach Play and Competing Block Social Stimulus Stereotypy **Behaviors** These treatments should be used Teach Encourage when stereotypy Appropriate Settings Exercise is inappropriate

KEY POINTS TO REMEMBER

- Pica and stereotypy often occur for sensory reasons
 - -This is not always the case
- There are many ways to treat pica and stereotypy
 - Use the decision-making flowchart provided to determine which might be best
- Contact a BCBA for dangerous behaviors or if these suggestions don't work



CADD Crimersity of Houston Clear Lake	METHOD BEHIND THE MYSTERY: UNDERSTANDING AND MANAGING PICA AND STEREOTYPIC BEHAVIOR
	UNIVERSITY OF HOUSTON-CLEAR LAKE
	DECEMBER 10, 2016