

Pivotal Response Treatment® for Young Children with Autism Spectrum Disorders

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SARRC Pivotal Response Treatment®: Evidence-Based Practice

- Early studies on the Natural Language Paradigm (NLP) (Koegel, O'Dell, & Koegel, 1987; Koegel, Koegel, & Surratt, 1992)
- Empirically Supported Pivotal Response Interventions for Children with Autism (Koegel, Koegel, Vernon, & Brookman, 2009)
- Pivotal Response Treatments for Children with Autism (Koegel & Koegel, 2006)

SARRC Evaluating the Evidence

- Educating children with autism (National Research Council, 2001)
- Evidence-based practices and students with autism spectrum disorders (Simpson, 2005)
- National Autism Center's National Standards Report (2009)
- Comparisons of discrete trial and normalized behavioral language intervention for young children with autism (Delprato 2001)

SARRC Autism Insurance Legislation



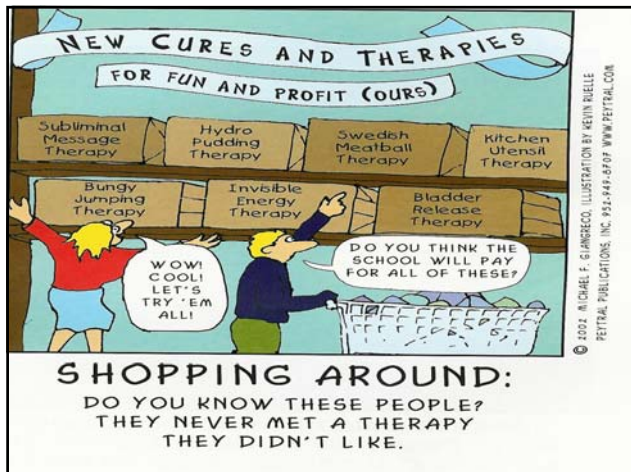
House Enrolled

OF THIS SECTION:
 "DISORDER" MEANS ONE OF THE THREE FOLLOWING THE MOST RECENT EDITION OF THE DIAGNOSTIC AND MENTAL DISORDERS OF THE AMERICAN PSYCHIATRIC ASSOCIATION, INC. (DSM-IV-TR), OR A MENTAL DISORDER - NOT OTHERWISE SPECIFIED.

"APPLY" MEANS INTERACTIVE THERAPIES DERIVED FROM INCLUDING APPLIED BEHAVIOR ANALYSIS, WHICH INCLUDES PIVOTAL RESPONSE TRAINING, INTENSIVE INTERVENTION, AND NATURAL LANGUAGE ACQUISITION.

AMENDING TITLE 20, CHAPTER 4, ARTICLE 9, ARIZONA REVISED STATUTES, BY ADDING SECTIONS 20-1402.03 AND 20-1404.03; FROM DISORDER.

TEXT OF BILL BEGINS ON NEXT PAGE)



SARRC **Pivotal Response Treatment®**

- Developed using the principles of Applied Behavior Analysis (ABA)
- Developmental approach
- Implemented in the natural environment
- Parent training model

SARRC **Changes In Core Symptoms of Autism**

- Characteristics
 - Social difficulties
 - Language difficulties
 - Restricted interests
- Changes in core symptoms of autism
 - Pre-intervention (approximately 3 years old)
 - Intervention (PRT®; 6-8 weeks later)

SARRC **Focus on Pivotal Areas for Intervention**

- What are “Pivotal Areas?”
 - Versus individual target behaviors
 - Widespread, generalized improvements
 - Collateral improvements in untargeted areas

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Pivotal Areas

- Motivation
- Responsivity to Multiple Cues
- Self-initiations
- Self-management

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Motivational Procedures of PRT®

- Point 1: Child Attention
- Point 2: Maintenance Tasks*
- Point 3: Shared Control*
- Point 4: Contingent
- Point 5: Reinforce Attempts*
- Point 6: Direct and Natural Reinforcers*

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Child Attention

- The question, instruction, and/or opportunity to respond should be:
 - Clear
 - Appropriate to the task
 - Uninterrupted
 - Child must be attending

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Child Attention (video examples)



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Maintenance Tasks

- Versus acquisition tasks
- Interspersing tasks
- Task variation

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Maintenance Tasks (video examples)



The video examples section contains four frames. The top-left and bottom-left frames are solid black. The top-right frame shows a young child in a red shirt playing with colorful blocks on a table. The bottom-right frame shows a woman lying on the floor reading a book to a young child.

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Shared Control

- Child directed/Child choice
- Follow child's lead
- Shared control
- Provide choices

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Shared Control (video examples)



The video examples section contains four frames. The top-left frame shows two children playing with blocks. The top-right frame shows a woman interacting with a child at a table. The bottom-left frame shows a close-up of a child's hands playing with blocks. The bottom-right frame shows a child sitting on a bed reading a book.

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Contingent

- Reinforcement contingent upon child's behavior
 - Immediate
 - Dependent
 - Appropriate

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Contingent (video examples)



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Reinforce Attempts

- Increase motivation to respond
- Reasonable attempt
 - Attention to the task
 - Related to the task
 - Reasonable effort
- Intent to respond

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Reinforce Attempts (video examples)



SARRC Direct and Natural Reinforcers

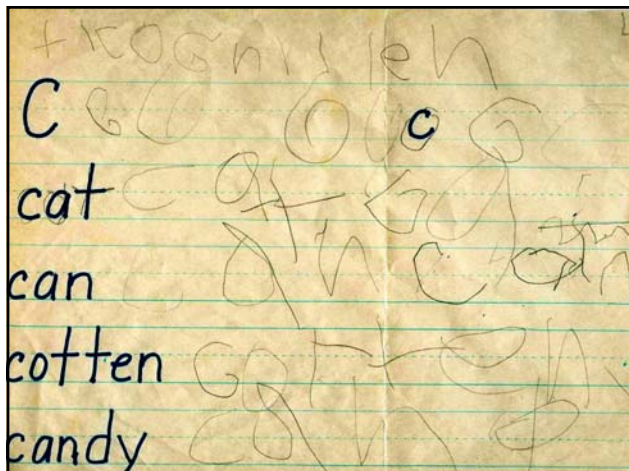
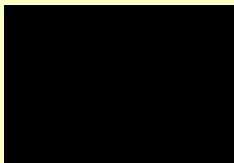
- Natural consequence
- Directly related to the behavior
- Functionally related to the behavior
- Generalization to the natural environment

SARRC Peter




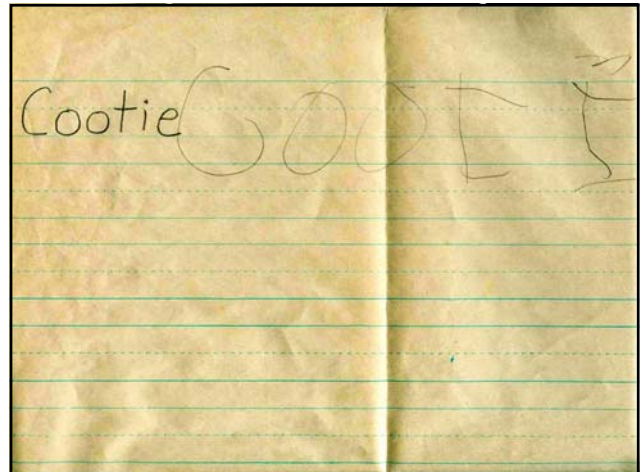
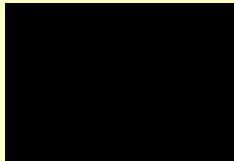
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intervention
school
k-knock joke


SARRC Baseline

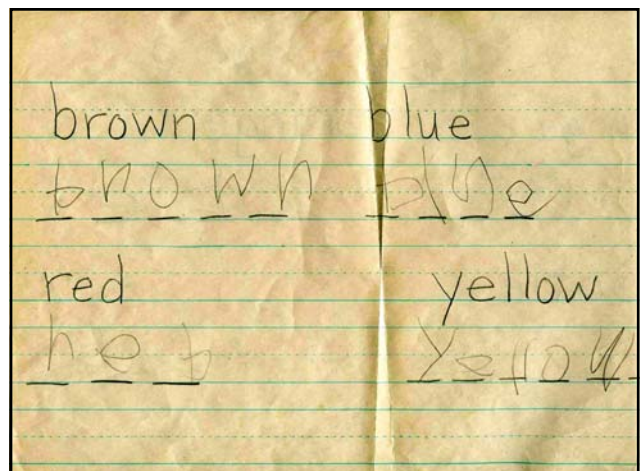
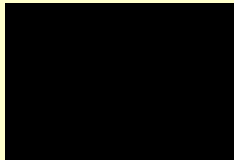


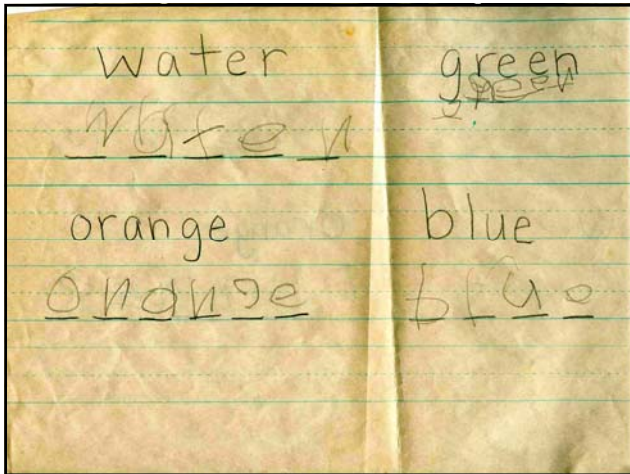
cat
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 **Intervention**



 **Intervention Implemented by Aide**





A dark purple rectangular box with white text and a logo. The logo on the left consists of three stylized human figures. To its right, the text "SARRC" is written in a large, bold, sans-serif font. Further to the right, the text "Southwest Autism Research & Resource Center" is written in a smaller, stacked font. Below the logo and text, the website address "www.autismcenter.org" is written in a white sans-serif font. At the bottom left of the box, there is a small copyright notice: "© 2007 SARRC". At the bottom right, there is a small SARRC logo and the text "Southwest Autism Research & Resource Center".