



8<sup>th</sup> BIENNIAL CONFERENCE OF THE  
**EUROPEAN ASSOCIATION FOR BEHAVIOUR ANALYSIS**  
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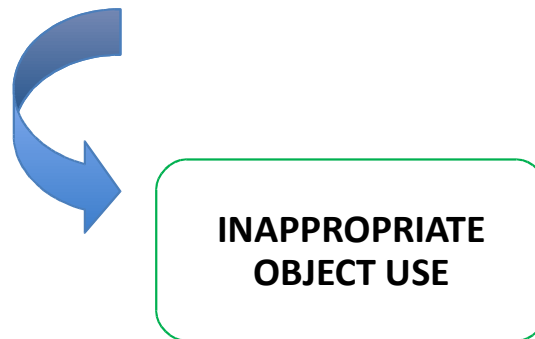
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**Utility of Conditioning Procedure Combined with Structured  
Activity (CPCSA) to reduce stereotypy and increase appropriate  
object use.  
A case Report.**

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# The function of behavior



*(Guess D. and Carr E.; Am J Ment Retard 96: 299-319; 1991)*

# Which procedures?



**PROACTIVE STRATEGIES: ANTECEDENT MANIPULATION**

# Proactive strategies

- **Conditioning Procedure: stimulus-stimulus pairing** [derived from a

previously tested protocol (Greer et al.,

*(Longano JM and Greer RD, J.E.I.B.I. 3: 62-80; 2006)*

*(Mesibov GB, Shea V, Schopler E; "The TEACCH approach to autism spectrum disorders"; 2004)*

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# Aim of this study

To show the

Conditioning Procedure + Structured

Activity  
utility of the

***COMBINATION***

# CASE REPORT

**Subject:**

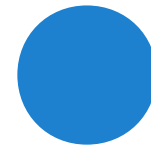
A 6-year-old autistic male, highly frequent motor stereotypies, hyperactivity, inappropriate object use.

**Setting:**

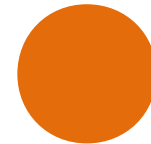
“Associazione Prometeo” Autism Services  
Centre, CS Italy

# BEFORE THE TREATMENT video

# PROCEDURE 1



TRAINING TRIALS



TEST TRIALS

**1 MIN**

**12 TRIALS**



## PROCEDURE 2



**CRITERION:** 3 consecutive + (with both the therapists)

# STRUCTURATION PLAY ACTIVITY

## FADING

# OUTCOME MEASURES

**Stereotypy:** stereotypy-free behavior (SFB) in the fixed (5 sec) interval. (“SFB index”)

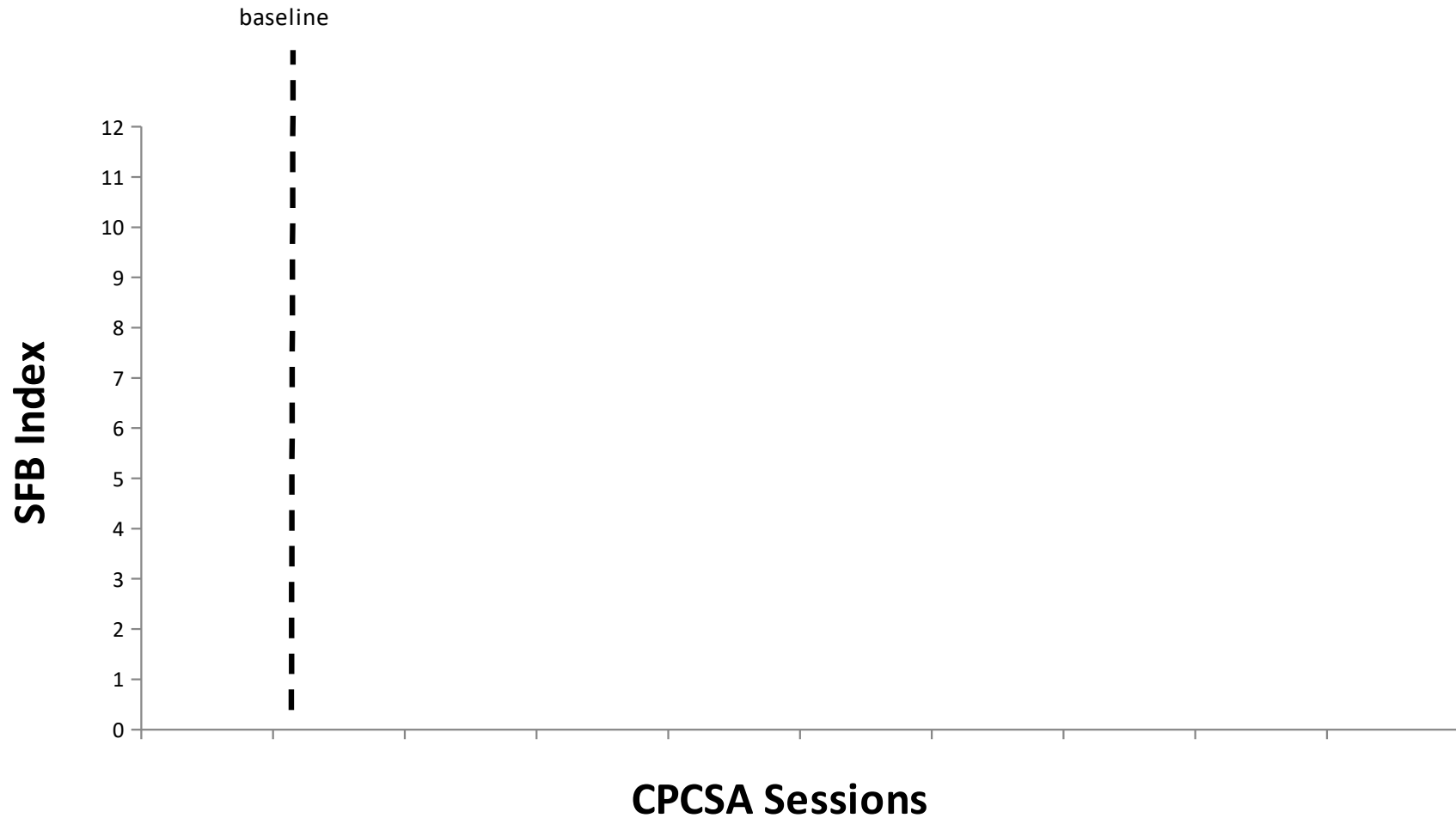
**Object use:** appropriate object use (AOU) in the fixed (5 sec) interval. (“AOU index”)

## **Measures were determined:**

- during 5 baseline sessions
- during 42 CPCSA sessions

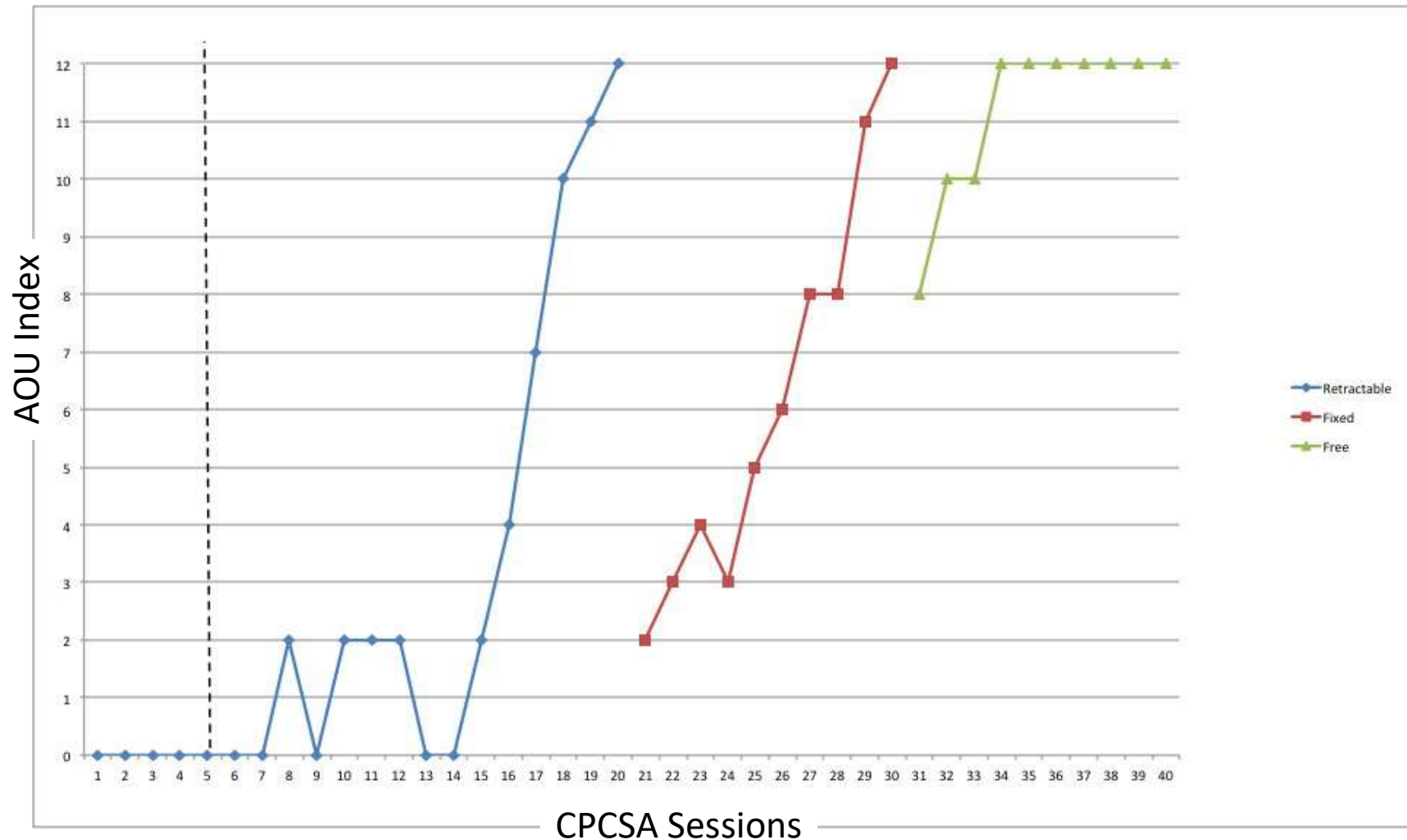
# RESULTS 1

## Stereotypy-free behavior during 5-sec-time unit per session



# RESULTS 2

Appropriate object use during 5-sec-time unit per session  
according to structuration play activity fading



# AFTER THE TREATMENT

- video

# CONCLUSIONS

**CPCSA may be useful**

to reduce stereotypy

**and**

to increase appropriate object use.

Further studies are needed...