

# Accepted Manuscript

Improving therapeutic outcomes in autism spectrum disorders: Enhancing social communication and sensory processing through the use of interactive robots

Felippe Sartorato, Leon Przybylowski, Diana K. Sarko



PII: S0022-3956(16)30656-2

DOI: [10.1016/j.jpsychires.2017.02.004](https://doi.org/10.1016/j.jpsychires.2017.02.004)

Reference: PIAT 3059

To appear in: *Journal of Psychiatric Research*

Received Date: 16 November 2016

Accepted Date: 3 February 2017

Please cite this article as: Sartorato F, Przybylowski L, Sarko DK, Improving therapeutic outcomes in autism spectrum disorders: Enhancing social communication and sensory processing through the use of interactive robots, *Journal of Psychiatric Research* (2017), doi: 10.1016/j.jpsychires.2017.02.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Improving therapeutic outcomes in autism spectrum disorders: enhancing social communication and sensory processing through the use of interactive robots**

**Authors:** Felipe Sartorato<sup>1</sup>, Leon Przybylowski<sup>1</sup>, Diana K. Sarko<sup>2,3</sup>

<sup>1</sup>Osteopathic Medical Student (OMS-IV), Edward Via College of Osteopathic Medicine (VCOM), Spartanburg, SC, USA; <sup>2</sup>Department of Anatomy, <sup>3</sup>Department of Psychology Southern Illinois University School of Medicine, Carbondale, IL, USA

**Corresponding author:** Diana K. Sarko, Ph.D.

1135 Lincoln Drive  
Southern Illinois University  
Carbondale, IL, 62901  
USA

**Telephone:** (618) 453-1737

**Email:** dsarko38@siumed.edu

**Figures:** 3 (all color, online only)

**Keywords:** social robot, socially assistive robot (SAR), speech, communication, multisensory, cross-modal

Download English Version:

<https://daneshyari.com/en/article/4932002>

Download Persian Version:

<https://daneshyari.com/article/4932002>

[Daneshyari.com](https://daneshyari.com)