

13<sup>th</sup> International Conference on

# Psychiatric-Mental Health Nursing

October 03-04, 2016 London, UK

## An integrated tailored approach to ASD: Results from a clinical application of a motion-based touch-less software and parent training

Laura Bartoli<sup>1</sup> and Stefano Lassi<sup>2</sup>

<sup>1</sup>Servizio di Neuropsichiatria Infantile, Italy

<sup>2</sup>Fondazione ODA Onlus, Italy

The aim of the present study is to show the results of our research concerning touch-less motion-based software in the rehabilitation treatment of children with autism spectrum disorder (ASD) and the importance of their parent's active role. The work that we present analyzes the experimental results of a specific software introduced in a rehabilitative program for children with ASD, with 5 different age groups and their families and introduces the importance of working with parents with a specific training program. It is important to involve the caregiver in programming the rehabilitation to have chance to share their experiences, their doubts and expectations in order to allow to continue to emotionally get them engaged in the individualized rehabilitative program. Comparing clinical needs with parents' perceptions allows the therapist to reach better goals and better family quality of life. Our results show the importance to move from a general specific rehabilitation model to a tailored treatment approach.

### Biography

Laura Bartoli graduated from the University of Florence in Neuro and Psychomotor Developmental Therapy in 2008. Since 2009, she has worked at the Institute of Agazzi in Arezzo. By following an intuition in the branch of children's rehabilitation therapy by exploiting the use of telemedicine, she has created a software for rehabilitation which offers a new approach in childhood pathologies. She has many collaborations with rehabilitation institutes in Tuscany in order to conduct experimentations of the software created and with Polytechnic University of Milan and University of Bologna. Since 2015, she is working in Public Health in Chiavari, Italy.

lbartoli101@gmail.com

### Notes: