



Uploaded to the VFC Website

▶▶▶▶ 2022 ◀◀◀◀

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

[Veterans-For-Change](#)

If Veterans don't help Veterans, who will?

Note:

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members & subscribers.



Researchers explore ways to enhance autism therapy sessions using AISOY robot

Published on September 19, 2016 at 12:02 AM

Researchers at the Universidad Miguel Hernández (UMH) and AISOY Robotics are collaborating to expand the potential of their robot assistant for the treatment of children diagnosed with autism spectrum disorder (ASD). Specifically, the goal is to explore the ways in which the AISOY robot can enhance therapy sessions at the UMH University Clinic.

Current therapy at the University Clinic for children diagnosed as on the autism spectrum already incorporates the AISOY1 emotional robot as therapist's assistant. The researchers on this multidisciplinary team will be combining their knowledge of behavioural therapy and robotics to devise new ways of using this robot in therapy sessions to bring additional benefits.

A body of three-way interactive tasks between the child, their therapist and the robot will be designed and tested initially on young ASD outpatients. The idea is that through these interactions the child will improve their cognitive, emotional and social (communication) skills. For instance, the robot "assists" the therapist by expressing emotions that the child must identify and proposing games that target different skills. It is expected that the child will form emotional links with the robot, and that this and the extra interaction it brings to the sessions will improve therapeutic adherence.

In the future the researchers plan to extend the robot assistant to the therapy-based treatment of other childhood problems, such as attention deficit disorder, hyperactivity and impulsivity symptoms.

From January onwards, a tried-and-tested version of the software developed for the AISOY robot will be available, with a specialised ASD mode designed for use by both therapists and parents.

Source:

Asociación RUVID
