

PLAY NAO

For the treatment of autistic children



PlayNAO is a humanoid robot able to interact with people thanks to visual, vocal and tactile sensors distributed throughout the body (Height: 58 cm, Weight: 4,3 kg; Autonomy: 90 minutes).

Completely programmable in terms of movement, behavior, and vision. The playful component can be very important to stimulate children to interact according to a triadic model **Therapist - Robot - Child**, which allows:



THERAPIST

To record valuable feedback to assess more closely the clinical picture and the psychophysical state.



ROBOT

To learn new knowledge and forms of communication and verify their application.



CHILD

Always keeps active the attention of children, offering them a wide range of games and activities.

The robot can be set based on:

- Age
- Abilities of the child
- His/Her interests and needs
- Environmental context

18 programmed activities:

- Imitation
- Cause-Effect
- Communication
- Social Learning