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Clinical Practices and Modernity – Assistive Technology

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The Occupational Therapy comes improving its look and its practical in order to follow the necessities, possibilities and intentions of the human being.

But the people daily activities keep depending on the functional performance of each one.

The Occupational Therapy searching to take care of the necessities and possibilities of the human being without losing the focus of its activities and its functional performance, comes walking in the direction of the technological progress.

The Occupational Therapy is today including frequent in its practices resources of technical aids that very contribute for the possibilities and improvements in the rehabilitation processes, mediating the maximum functional capacity of the individual and its desired activities.

In this line of work we invest our efforts and we walk, using the Information Technology as support in the process of Social Inclusion.

Our look is for people with great motor and verbal communication difficulties , taking into account the Vygotsky's consideration that affirms the necessary relation of exchanges with the environment for the learning processes evolution, we search to create chances and to make possible independent actions and with independence, being these chances that give to the citizen the social inclusion that is its right.

We understand that to offer the chance of the child to participate, as a player instead as a viewer it means to give to him the foundation which base the evolution of the learning processes beyond to facilitate or to make possible the social interactions and the possibility of its social integration.

To identify in the citizen a voluntary motor action under its domain is the beginning of our proposal that uses of conventional sensors of engineering to catch trustworthy signals, that are understood by a computational system that makes the interface between the citizen and the computer, in place of the conventional features for input data as keyboard and mouse, making possible the same to usufruct the possibilities of this equipment. Precious partnerships with Engineering make possible execution of the ideas of the Therapist who lives the challenge to articulate resources to improve the functionality and to surpass limitations.