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#### ELECTRONIC DEVICES FOR SEVERELY MOTOR DISABLED PERSONS

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French public authorities decided to put electronic devices into the specialized center for rehabilitation of para and tetra-plegic patients, in Garches near Paris, in order to help severely motor disabled persons to control their environment and to prepare them for their socio-professional rehabilitation.

Devices were given especially to the tetraplegic patients with recent injuries, immediatly after their admission to the hospital.

The aim of this study is:

-To enable the patients to regain their every day activities in the hospital as soon as possible and to overcome their isolation. This is especially important in patients who had tracheotomy, as the electric devices help them to communicate with nurses and members of their family. We are already for a long time aware, what kind of disastrous consequences, an isolation of severely motor disabled persons, due to the healing of decubiti for example, could have. It could result in an intellectual regression, demotivation and psycho-social isolation. All this consequences could, despite the good health care, result in bad quality of life of such persons.

-The major goal is, to prepare the severely disabled persons, with help of electronic devices for their return at their home and for their socio-professional rehabilitation. Using electronic equipment they can be a certain number of hours during the day independant at home what diminish the work of their relatives or persons taking care of them. It gives them too, an opportunity to start working at home in one of the branches of modern technology, like biotic and telematic.

This experimental pilote study was started as a part of official government program for help in care of patients and severely motor disabled persons. Those later - physically disabled persons represent in France one of every fifty persons.