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MOBILIARIO ADAPTADO PARA PACIENTES CON DISFUNCIONES NEUROMOTORAS CONFECCIONADO EN PVC - TUBOS Y CONEXIONES

Grace Claudia Gasparini

*Instituto de Reabilitação Integrada, Campo Grande - Mato Grosso do Sul, Brazil*

The difficulty in finding low budget adapted equipment for the sitting and standing postures maintenance, hygiene, eating and locomotion independence of patients suffering from neuromotor dysfunction, motivated this research about some material that could meet the demands of a population in need of this resources. Nowadays, there is in the market, equipment that can meet the user's demands, however they are limited to a small part of the users, due to its high cost. Thus, this research aimed to design and make PVC low budget adapted furniture ( pipes and connections ) to meet the demands of patients suffering from neuromotor dysfunction, seeking improvements in their life quality. An experimental and observational method was used, comparing posture, PVC adapted furniture and neuromotor children patients. For the proposals' concretization, firstly the patients were submitted to antropometrical measures by a specialized professional, and then the furniture making began. Sewer pipes and soldered connections were used, with adjustment possibilities to increase the size according to the child's growth, as well as to make small modifications possible, in order to meet individual necessities. Once the furniture was finished, it was tested in neuromotor disabled patients, attending the school clinic in the Universidade Católica Dom Bosco. In relation to the outcomes, we observed that it was possible to favor a better patients' positioning in several daily life activities. This way, we have concluded that the PVC adapted furniture will be able to provide favorable posture conditions for the users, mainly those of low buying power.