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Data Analysis of Elderly People with Severe Dementia Getting out of Bed in a Group Home

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The number of the elderly people in Japan is increasing year by year. The number of the elderly people who have dementia is also growing. Care for the person who has a symptom of dementia is becoming a social problem. Recently, attention is paid to a new kind of Nursing Care Home. We call it "Group Home" in Japan. "Group Home" is a Nursing Care Home to serve for a small number people with dementia. Characteristics of "Group Home" can bring the elderly people ambience at home and alleviate the body gradually to deteriorate with time. It is important to know changes happened everyday for care-givers. So it is indispensable to measure daily activities for grasping changes that elderly people exhibit. The study is about data analysis of elderly people with severe dementia getting out of bed in a Group Home. This paper aimed to find the best method of using the hour of rising and the number of rising to expression transformation of the rising pattern. The result of date analysis of two elderly people with severe dementia in a Group Home is to explain the rising pattern and transformation of the rising pattern with graphs and charts. At last, this kind of analysis comes to a standard of how much the care-givers worked for the elderly people.