**研究業績　英文表記**

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| 和文 |
| 表題 | 高齢者デイケアセンターにおける園芸療法と機能回復訓練の影響とAIによる介護記録のテキストマイニング |
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| 英文 |
| Title | Influences of Horticultural Therapy and Functional Recovery Training at a Day-Care Center for the Elderly and Text Mining of Care Records by AI |
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| Abstract | In Japan, due to the COVID-19 pandemic, various behavioral restrictions were implemented from March 2020, resulting in an increased number of elderly people with reduced participation in care and rehabilitation.**Purpose:**The study examined how activities combining passive horticultural therapy, which is always introduced, with active functional recovery training, which is used in the functional recovery training of patients with hemiplegia, influence the behavior of elder people using the facility.**Methods:**36 elder people with care need 1 or 2 who regularly used the day-care facilities after the pandemic ended and who agreed to participate in the study was included. The assessment data were every three months from December 2021 to December 2023 after the COVID-19 pandemic, the MMSE and Moca-J, TMIG-Index, and GDS15. AI-based text mining was used to compare changes in visit reports before and after the introduction of the Posture Chart and Red Code, and the relationship between the language used. **Results:**The results of MMSE and Moca-J were both significantly higher in Group B and C than in Group A. TIMG assessment, was significantly higher in Group B and C than in Group A, and Group C was significantly higher than Group B. The GDS, an assessment of depression in old age, tended to be significantly higher in Group A than in Groups B and C. In the “Co-Occurrence Network Analysis” shown after the introduction of the latest functional recovery training equipment such as the Red Cord, its results showed a high association between the words Bathing and CARE and their analysis.  |
| keyword | Horticultural Therapy, Hand Care Treatment, Senior Day-Care Center, Functional Recovery Training, KH-Corder |

※本データの英文表記は実際の論文上の表記とは異なります。