

## Case study of measuring vital signs as part of the management guidance for in-home care

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### Abstract

Management guidance for in-home care (home-visit guidance on drug management) has become one of the newly introduced operations of health insurance pharmacies, and attention has been paid to the measuring of vital signs by visiting pharmacists during their home visits from the viewpoint of assuring the proper use of medicines and medical safety. We investigated the usefulness of having pharmacists measure the vital signs of dementia patients receiving management guidance for in-home care when providing medication counseling to them. Home visits by pharmacists enable patients to take oral medication as instructed. Pharmacists also measure blood pressure during their visit and report the results to the physicians, resulting in accurate blood pressure control. In patients who could not perform insulin injections as instructed due to dementia and whose glycemic control had been difficult, glycemic control also improved with pharmacists' guidance during their home visits. Based on these findings, it was learnt that management guidance for in-home care was effective to improve medication adherence in patients with dementia. We consider that it is also effective to obtain vital signs during home visits and to report the results to physicians from the viewpoint of increasing the treatment efficacy.

**Keywords:** management guidance for in-home care, home-visit guidance on drug management, vital signs, dementia patient,

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