

Progress report 2022

Department of Home Care Medicine

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■ Organization

Japan is facing the aging tsunami with rapidly increasing numbers of frail older people, who require home care under the community-based integrated care system. Our goals are to create the evidence of home care medicine and to raise excellent home care physicians who are research-minded, able to deliver high quality patient care and lead the comprehensive community-support network as effective team members.

■ Education

We teach home care medicine to medical students and trainee doctors collaborating with physicians, nurses, social workers and care managers in the community.

■ Research

We study the current states of home care medicine and ways of improving them.

- We conduct a case registration study of patients receiving home care medicine to elucidate their current situation and the problems that need to be solved.
- We study the way of safe medication therapy in home care patients.
- We conduct research on ensuring the safety of home care patients in disasters.
- We aim to build a platform for research on home care medicine to promote research on home care medicine nationwide.
- We continue the education of home care medicine for medical students and trainee doctors, and verify the effects of practical training. We attempt to establish more effective educational programs and to spread them nationwide.

Parent Department: Department of Geriatric Medicine, Graduate School of Medicine, the University of Tokyo

■ English publication

1. Yamanaka T, Kidana K, Mizuki M, Hattori Y, Hamada S, Akishita M. Sex differences in places of home care. *Geriatr Gerontol Int*. 2022;22(9):813-814.
2. Yamanaka T, Kidana K, Yamaguchi Y, Hirahara S, Hirakawa Y, Mizuki M, Arai H, Akishita M, Miura H. Palliative home care for older patients with respiratory disease in Japan: Practices and opinions of physicians. *Geriatr Gerontol Int* 2022;22(11):943-949.
3. Hattori Y, Hamada S, Yamanaka T, Kidana K, Iwagami M, Sakata N, Tamiya N, Kojima T, Ogawa S, Akishita M. Drug prescribing changes in the last year of life among homebound older adults: national retrospective cohort study. *BMJ Support Palliat Care* 2022;bmjspcare-2022-003639.
4. Hattori Y, Hamada S, Ishizaki T, Sakata N, Iwagami M, Tamiya N, Akishita M, Yamanaka T. National trends in gastrostomy in older adults between 2014 and 2019 in Japan. *Geriatr Gerontol Int*. 2022;22(8):648-652.
5. Yamaguchi Y, Saif-Ur-Rahman KM, Nomura M, Ohta H, Hirakawa Y, Yamanaka T, Hirahara S, Miura H. Opioid Prescription Method for Breathlessness Due to Non-Cancer Chronic Respiratory Diseases: A Systematic Review. *Int J Environ Res Public Health* 2022;19(8):4907.

■ International Congress

1. Yamanaka T, Mizuki M, Kidana K, Yamaga R,

Akishita M. Long-Term Home Medical Care: A Comparison between Older Adults Aged <85 years Versus Those Aged \geq 85 years. American Academy of Home Care Medicine 2022 Annual Meeting. 2022.10.28-29.

2. Yamanaka T, Mizuki M, Kidana K, Yamaga R, Akishita M. Characteristics of Long-Term Home Care Patients with Dementia. Gerontological Society of America 2022 Annual Scientific Meeting. Indianapolis, IN, USA. 2022.11.3.