

Department of Internal Medicine

Division of General Medicine

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General Summary

- 1) Management of a database of our medical examinations and treatments
- 2) Planning a postgraduate training program to acquire skills for the general practice required in the community

Research Activities

Division of General Medicine, The Jikei University Hospital

- 1) We investigated patients with syncope in collaboration with the Departments of Cardiology, Neurology, and Emergency Medicine.
- 2) We have been constructing a database of our outpatient clinics which includes information concerning the reason for visiting, symptoms, initial diagnoses, and initial treatments. The most frequent reasons for consultation were abdominal pain, cough, and fever. The most frequent initial diagnoses were upper respiratory tract infection, infectious gastroenteritis, and headache. We expect this data to be useful for analyzing trends in primary care at large general hospitals.
- 3) We are organizing a continuing professional development program for physicians to acquire skills for general practice required in the community. We are conducting qualitative research on changes in participants' awareness and behavior.

Division of General Medicine, The Jikei University Katsushika Medical Center

- 1) We presented case reports at academic conferences.
- 2) We analyzed minor components detected in the exhaled air of patients with collagen disease (such as rheumatoid arthritis, polymyalgia rheumatica, and antineutrophil cytoplasmic antibody-related vasculitis). At the onset of a disease with severe inflammation, the presence of characteristic components in the exhaled air was revealed. Our findings suggest that the severity of an inflammatory condition can be evaluated and determined with the components of exhaled air. We hope to eventually identify these exhaled minor components.

Division of General Medicine, The Jikei University Daisan Hospital

We found that the presepsin concentration is sometimes high in the urine of patients with urinary tract infection.

Division of General Medicine, The Jikei University Kashiwa Hospital

- 1) Yasuhiko Miura is performing research concerning the Physician Order for Life-sustaining Treatment, Japanese version, in a Japanese hospital setting, and advanced care planning in rural areas. Data collection was completed in 2018.
- 2) Concerning the management of Hospital Ethics Committee and Clinical Ethics Consultation in The Jikei University Kashiwa Hospital, there were 10 consultations last year, and these cases were under reconsideration for presentation.
- 3) We conducted open seminars related to clinical ethics 4 times in 2019.
- 4) Development and validation of an educational program to enhance the ability to practice child rights advocacy, with a special focus on pediatric care, was performed with a Grant-in-Aid for Scientific Research (C) from the Ministry of Education, Culture, Sports, Science and Technology.
- 5) Comprehensive research for dialogue with a focus on “human dignity” in medical and care settings was supported by a Grant-in-Aid for Scientific Research (B) from the Ministry of Education, Culture, Sports, Science and Technology.
- 6) The ethical issues faced by healthcare professionals in home care facilities and nursing homes and the ethics support they need were studied with a Grant-in-Aid for Scientific Research (C) from the Ministry of Education, Culture, Sports, Science and Technology.

Nobuyuki Furutani classified fibromyalgia into several clinical categories and investigated suitable treatment for each category.

Publications

Seki M, Fujinuma Y, Matsushima M, Joki T, Okonogi H, Miura Y, Ohno I. How a problem-based learning approach could help Japanese primary care physicians: a qualitative study. *Int J Med Educ.* 2019 Dec 26; **10**: 232-240. doi:10.5116/ijme.5de7.99c7. PubMed PMID: 31877111.