

Liaison Psychiatry and Palliative Medicine

1. Staffs and Students (April, 2010)

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	Mariko KOBAYASHI,	Miho MIYAJIMA,
	Naoko TUJI,	Tsuguo IWATANI,
	Yuhko KOHNO,	Nao NAKAYAMA,
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Research Student	Okihiko AIHARA,	Ryuhō IBARAKI,
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2. Purpose of Education

The purpose of the section is to help understanding characteristics of psychosocial distress in patients with physical and mental disorders from a comprehensive viewpoint. Objects are mainly physical patients accompanied with pain, anxiety, depressive mood and so on. Students study these patients' symptoms, how to diagnose, practice of treatment and methods of preventive measures.

3. Research Subjects

- 1) Assessment of mental state in cancer and other physical patients using written questionnaire
- 2) Research on quality of life (QOL) in cancer patients and their families
- 3) Investigation cognitive function of patients with organic disorders (SLE, diabetics, and so on) undergoing a battery of psychometry tests and neuroimaging examinations
- 4) Explanation for the relationship between physical symptoms and mental states in patients with psychosomatic diseases including chronic pain and irritable bowel syndrome (IBS)
- 5) Examination for physiological phenomenon of psychiatric patients using eye mark recorder, electroencephalogram (EEG) and functional MRI (fMRI)

4. Clinical Services

Psychosomatic clinic provides consultation-liaison psychiatry services at the request of the treating medical or surgical staffs. Patients accompanied with insomnia, anxiety, depressive mood and delirium are treated with psychotherapy and prescription medicines.

5. Publications

Original Article

1. Wada K, Yoshikawa T, Goto T, Hirai A, Matsushima E, Nakashima Y, Akaho R, Kido M, Hosaka T: National survey of the association of depressive symptoms with the number of off-duties and on-call, and sleeping hours among physicians working at hospitals in Japan. *BMC Public Health* 10:127, 2010.
2. Terauchi M, Obayashi S, Akiyoshi M, Kato K, Matsushima E, Kubota T. Insomnia in Japanese peri- and postmenopausal women. *Climacteric* 13:479-486, 2010.
3. Terauchi M, Obayashi S, Akiyoshi M, Kato K, Matsushima E, Kubota T. Effects of oral estrogen and hypnotics on Japanese peri- and postmenopausal women with sleep disturbance. *J Obstet Gynaecol Res*
4. Kanai C, Iwanami A, Ota H, Yamasue H, Matsushima E, Yokoi H, Shinohara K, Kato N. Clinical characteristics of adults with Asperger's Syndrome assessed with self-report questionnaires. *Research in Autism Spectrum Disorders* 5: 185-190, 2010.

5. Sasai T., Inoue Y., Komada Y., Nomura T., Matsuura M., Matsushima E.: Effects of insomnia and sleep medication on health-related quality of life. *Sleep Med.* 11. 452-7. 2010
6. Sasai T., Inoue Y., Matsuo A., Matsuura M., Matsushima E : Changes in respiratory disorder parameters during the night in OSA. *Respirology.* in press
7. Hisamura K, Matsushima E, Nagai H, Mikami A. Comparison of patient and family assessments of quality of life of terminally ill cancer patients in Japan. *Psychooncology.* 2010 Jul 11. [Epub ahead of print]