

Department of Emergency Medicine

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General Summary

1. Education system for junior residents in emergency medicine
2. Establishing a database of severe traumatic brain injury in Japan
3. The etiology of syncope
4. Research on laboratory assessment of heart attack in the emergency room
5. Managing the course of immediate cardiac life support
6. Providing logistical support to the Japan Boxing Commission

Research Activities

1. Director of Japan Neurotrauma Data Bank Committee
2. Prognostic value of heart fatty acid-binding protein for patients with chest symptoms in the emergency room
3. Research committee on higher cerebral function after traumatic brain injury
4. Research committee on impact biomechanics in automobile accidents (Society of Automotive Engineers of Japan, Inc.)
5. Published a revised edition of *Guidelines for the Treatment and Management of Severe Head Injury* (The Japan Society of Neurotraumatology).
6. Research group on traumatic intracranial hypotension
7. Supervision and development of ultrasound devices in the diagnosis and treatment of cerebrovascular disorders
8. Management course of Japan Advanced Trauma Evaluation and Care

Publications

Kushi H, Saito T, Sakagami Y, Ohtsuki J, Tanjoh K. Acute subdural hematoma because of boxing. *J Trauma* 2009; **66**: 298-303.
Uzura M, Okuno K, Ogawa T (¹Juntendo Univ Shizuoka Hosp, ²Jpn Neurotrauma Data Bank Comm). Analysis of the outcome in patients with severe head injury based on the Japan Neurotrauma Data Bank (in Japanese). *Neurotraumatology* 2009; **31 Suppl**: 107-12.
Tokutomi T^{1,2}, **Miyagi T**², **Ogawa T**¹, **Ono J**^{1,3}, **Sakamoto T**¹, **Kawamura T**¹, **Shigemori M**^{1,2} (¹Jpn Neurotrauma Data Bank Comm, ²Kurume Univ Sch Med, ³Chiba Cardiovasc Cent). Effect of early systemic insults and the type of intracranial lesion on outcomes after traumatic brain

injury (in Japanese). *Neurotraumatology* 2009; **31 Suppl**: 85-90.

Ono J^{1,3}, **Sakamoto T**¹, **Kawamura T**¹, **Tokutomi T**^{1,2}, **Ogawa T**¹, **Shigemori M**^{1,2}, **Yamaura A**¹, **Nakamura N**¹ (¹Jpn Neurotrauma Data Bank Comm, ²Kurume Univ Sch Med, ³Chiba Cardiovasc Cent). Recent trends of severe head injury in Japan Neurotrauma Data Bank with special reference to road traffic accident: Comparison of clinical features and outcome between Project (in Japanese) 2004. *Neurotraumatology* 2009; **31 Suppl**: 122-30.

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mental cortical contusion in rats. *J Neurotrauma* 2010; **27**: 229-39.

Koyama T¹, Kasai T², Yoshida K², Takeda S, Ogawa T (¹St. Marianna Univ Med Tokyo Hosp Cardiovasc Cent, ²Div Cardiol, Dept Intern Med). Cardiopulmonary resuscitation training for junior high school students (in Japanese). *Sosei* 2010; **29**: 33-7.

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oration (in Japanese). *Kyukyuiryo Journal* 2010; **18**: 25-7.

Reviews and Books

Ogawa T, Nagata I (Nagasaki Univ Med). My theory of operation no.38: Current and future treatment of head injury (in Japanese). *Pract Curr* 2009; **19**: 612-20.

Takeda S. Regionalized resuscitation care. *ReSS 2009 Rep* 2010; **4**: 7-10.

Ohtani K, Tada N (Dept Intern Med Div Gen Med). Acute intermittent porphyria (in Japanese). *Jpn J Acute Med* 2009; **33**: 1430-3.