

Rehabilitation Medicine

1. Staffs and Students (April, 2009)

Associate Professor	Sadao MORITA	
Graduate Student	Kiyoshi SAKATA,	Tomokazu MASAOKA,
	Kazuhisa INOUE,	Akihito KUBOTA,
	Tomoko ARAKI,	Junya AIZAWA,
	Keisuke KAJI,	Risa NAKAYAMA,
	Kashitarou HYOUDOU,	Kinei BOKU

2. Purpose of Education

Rehabilitation medicine consists of physical, occupational and speech therapy. Main theme of rehabilitation medicine in graduate course is to study 3-dimensional motion analysis in activities of daily living and molecular biological analysis of disuse atrophy.

3. Research Subjects

- 1) 3-dimension motion analysis in activities of daily living
- 2) Balance and occlusion
- 3) Biomechanical analysis of artificial limb
- 4) Prevention of dislocation after total hip arthroplasty
- 5) Prevention of disuse bone atrophy

4. Publications

Original Article

1. Koga D, Jinno T, Okawa A, Morita S, Shinomiya K: The effect of preoperative lateral flexibility of the lumbar spine on perceived leg length discrepancy after total hip arthroplasty. *J Med Dent Sci.* 56(1): 69-77, 2009.
2. Junya Aizawa, Tetsuya Jinno, Daisuke Koga, Takayuki Koyama, Sadao Morita. Range of motion of the hip and lumbar spine as a factor affecting self-reported physical function in patients with hip osteoarthritis. *Proceedings of the 5th world congress of the International Society of Physical and Rehabilitation Medicine.* 1-2, 2009.
3. Yoshii T, Jinno T, Morita S, Koga D, Matsubara M, Okawa A, Shinomiya K: Postoperative hip motion and functional recovery after simultaneous bilateral total hip arthroplasty for bilateral osteoarthritis. *J orthopaedic science* 14: 161-166, 2009.