

## Plastic & Reconstructive surgery

### 1. Staffs and Students (April, 2009)

Professor	Mutsumi Okazaki
Junior Associate Professor	Hiroki Mori
Assistant Professor (Hospital Staff)	Masumi Suzuki (~September, 2009), Tomoyuki Yano (October, 2009~),
Graduate Student	Petros R, Hilati A

### 2. Purpose of Education

Plastic surgery is a specialized branch of surgery concerned with the repair of deformities and the correction of functional deficits. The specialty of plastic surgery covers a wide range of procedures, and unlike other medical specialties which concentrate on one particular area of the body, plastic surgeons are involved in the reconstruction and remolding of nearly all external body structures.

### 3. Research Subjects

#### Basic research

1. Various vascularized tissue transfer
2. Mechanism of Postinflammatory Pigmentation
3. Scarless healing

#### Clinical research

1. Cleft lip and palate
2. Microtia
3. Sensory recovery of transfer tissue
4. Breast reconstruction
5. Skin cancer
6. Esophagus reconstruction

### 4. Clinical Services

We cover the whole field of plastic surgery. In particular, we deal with the following field; congenital anomaly (cleft lip and palate, microtia blepharoptosis or polydactyly etc), LASERs, cutaneous malignant tumor, skin ulcer, breast reconstruction, head and neck reconstruction, facial palsy, axillary osmidrosis.

### 5. Publications

#### 【Original article】

1. Yasumura T, Sakuraba M, Kimata Y, Nakatsuka T, Ebihara R, Hata Y. Functional Outcomes and Reevaluation of Esophageal Speech After Free Jejunal Transfer in Two Hundred Thirty-Six Cases. *Annals of Plastic Surgery*. 62: 54-58, 2009
2. Yano T, Sakuraba M, Asano T, Sarukawa S. Head and neck reconstruction with the deep inferior epigastric perforator flap: A report of two cases. *Microsurgery*. 29: 287-292, 2009
3. Liu Y, Mori H, Hata Y. Does neoadjuvant chemotherapy for breast cancer increase complications during immediate breast reconstruction? *Journal of Medical and Dental Science*. 56: 55-60, 2009
4. Morii T, Mochizuki K, Takushima A, Okazaki M, Satomi K. Soft tissue reconstruction using vascularized tissue transplantation following resection of musculoskeletal sarcoma: evaluation of oncologic and functional outcomes in 55 cases. *Ann Plast Surg*. 62: 252-257, 2009
5. Miyamoto S, Takushima A, Okazaki M, Ohura N, Momosawa A, Harii K. Comparative study of different combinations of microvascular anastomosis types in a rat vasospasm model: Versatility of end-to-side venous anastomosis in free tissue transfer for extremity reconstruction. *J Trauma*. 66: 831-834, 2009
6. Takushima A, Harii K, Okazaki M, Ohura N, Asato H. Availability of latissimus dorsi minigraft in smile reconstruction for incomplete facial paralysis: quantitative assessment based on the optical flow method. *Plast Reconstr Surg*. 123: 1198-1208, 2009
7. Miyashita H, Yokoyama A, Tanaka K. A case of microvenular hemangioma with presentation resembling inflammatory skin tumor. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 62: e166-e167, 2009

8. Okazaki M, Ueda K, Sasaki K, Shiraishi T, Kurita M, Harii K. Expanded narrow subcutaneous-pedicled island forehead flap for reconstruction of the forehead. *Ann Plast Surg.* 63: 167-170, 2009
9. Miyamoto S, Takushima A, Okazaki M, Momosawa A, Asato H, Harii K. Retrospective outcome analysis of temporalis muscle transfer for the treatment of paralytic lagophthalmos. *J Plast Reconstr Aesthet Surg.* 62: 1187-1195, 2009