Endovascular Surgery

1. Staffs and Students (December 2012)

Professor                     Shigeru Nemoto
Associate Professor           Yoshikazu Yoshino
Assistant Professor           Toshiki Tomori
Assistant Professor           Kazunori Miki
Clinical Fellow               Masato Inoue
Clinical Fellow               Koichi Arimura
Secretary                     Yoko Yanagida, Hitomi Kuwahara

2. Purpose of Education
There are various attracting subjects in the field of clinical or basic research. It is essential to acquire the sufficient knowledge and insight into the pathological conditions as well as normal functions of the vascular system, which will directly benefit for the improvement of clinical results. Main educational purpose of Endovascular Surgery in the graduate course is to provide students opportunity to acquire the proper technique as well as the broad knowledge, and to nurture the mind of exploration.

3. Research Subjects
Our experimental research program is objected to elucidate unsolved questions derived from daily clinical experience. To treat vascular diseases of central nervous system, facial and head-neck legions, we need to understand detailed vascular anatomy, accurate function of these organs and exact pathophysiology of each disease. Our essential research target is the hemodynamics in the vascular diseases of these lesions. Especially we are interested in the integration of the fluid engineering technology into the endovascular field in an effort to open a new frontier of surgical treatment.

4. Clinical services
Endovascular Surgery is a clinical department dealing with various vascular diseases of central nervous system, spinal cord, facial and head-neck lesions including tumors, congenital malformation, and functional disorders.

5. Publications
Original Articles