1. Staffs and Students (December, 2012)

Professor and Chairman
Kazunori Kihara

Associate Professor
Hitoshi Masuda (~June), Yasuhisa Fujii (July~)

Lecturer
Fumitaka Koga, Kazutaka Saito

Assistant Professor
Yoh Matsuoka, Junichirou Ishioka,
Minato Yokoyama, Manabu Tatokoro (~May),
Soichiro Yoshida (June~)

Hospital Staff
Shuichiro Kobayashi, Toshiki Kijima,
Yasukazu Nakani, Hideki Takeshita,
Masaya Ito, Takayuki Nakayama,
Saori Higuchi, Yuma Waseda,
Makoto Kagawa, Akitetsu Miyakawa,
Hiroshi Fukushina

Graduate Student
Naoko Kawamura, Shuichiro Kobayashi,
Toshiki Kijima, Naotaka Fukui,
Sachi Kitayama, Yasukazu Nakani,
Toshihiro Kanda, Hideki Takeshita,
Masaya Ito, Masaharu Inoue,
Hajime Tanaka, Takayuki Nakayama

2. Purpose of Education

We are committed to offering educational programs to facilitate the development of outstanding academic urologists of
the next generation. We believe that one of our missions is to educate students, residents and fellows in the art and
science of urology and thereby to train the future leaders in the field. The continuous commitment to clinical and
translational research is reflected to publications in international journals, presentations at international meetings and
awards, which are listed below.

3. Research Subjects

Clinical Research
1) Innovation and establishment of minimally invasive, gasless single port access urological surgery
2) Development of optimal 3-dimentional prostate needle biopsy
3) Development of nomograms for optimal detection of prostate cancer
4) Sequential combination therapy to prolong survival of advanced prostate cancer patients
5) Development and establishment of curative and minimally invasive bladder preservation using low-dose
chemoradiotherapy plus partial cyctectomy
6) Development and establishment of minimally invasive, nonischemic nephron-sparing surgery against kidney cancer
7) Development and establishment of focal therapy using hemiablative brachytherapy against prostate cancer
8) Sequential combination therapy to prolong survival of advanced kidney cancer patients, starting with
immunotherapy combined with multiple molecular targeted agents
9) Application of diffusion-weighed MRI to diagnosis, assessment of therapeutic effects and monitoring of relapse in
urological cancer
10) Application of serum C-reactive protein as a prognostic biomarker of urological malignancies and as a marker for
surgical invasiveness

Translational Research
1) Development of differentiation-inducing therapy against hormone-resistant prostate carcinomas
2) Investigation on molecular mechanisms, in particular deregulation of the NO system, underlying voiding and erectile
dysfunction to develop rational therapy
3) Overcoming therapeutic resistance to chemo- and/or radiotherapy against urological malignancies using novel
molecular targeted agents
4) Investigation on functional roles of p63 protein in urothelial carcinomas
4. Clinical Services

Our mission is to provide the best urological care to all patients. Besides offering urological practices of the international standard, we are making a continuous effort to improve daily practices. The gasless single port access urological surgery, which we have innovated its concept and developed surgical techniques specific to all urological organs, has been officially approved as medical services provided by the Japanese Governmental Health Insurance System in April 2008. These minimally invasive surgical techniques can be fundamentally applied to all patients having urological malignancies, even those having locally advanced disease and previous histories of abdominal surgery.

5. Publications (International)

Original Article


Review Article


Award

Presentations at International Meetings


Kihara K. Successful control of Methicillin-resistant Staphylococcus aureus in a urology ward possibly due to avoidance of antimicrobial prophylaxis in minimally invasive surgery: our 11 years trial. The 106th annual meeting of the American Urological Association, Atlanta, GA, USA, 2012/05/21.


Invited Lecture and International Symposium