

Introduced an integrative cancer treatment
system for the first time in Korea

ADVANCED CANCER TREATMENT PRACTICES

IN G SAM INTEGRATIVE
CANCER HOSPITAL

Providing multidisciplinary
and integrative medical services

Since. 2007



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Advanced Cancer Treatment Practices in G SAM Integrative Cancer Hospital

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Endovascular Treatment ET

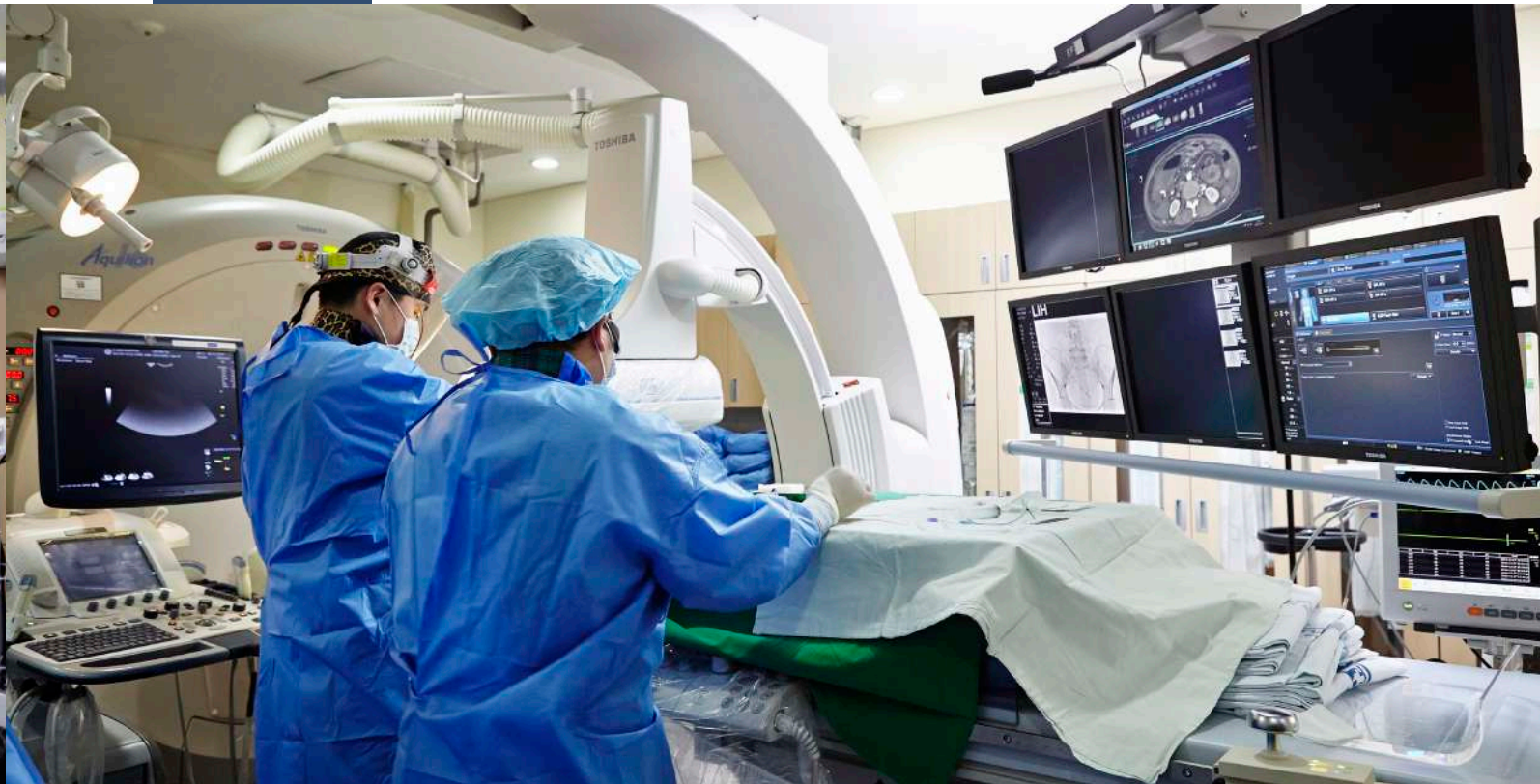


Benefits of ET

Chemo medicine is so toxic that they can kill not only cancer cells but also normal ones. Thus, injection may damage a lot of normal cells leading to reduced immunity. Injecting chemo medicine not into the vein but into the artery that supplies nutrients to cancer tissues can minimize damages to normal cells and effectively attack cancer cells. ET is a therapy that uses a catheter inserted into arterial vessels to find out a feeding artery generated by cancer tissues, ❶inject a bundle of chemo medicine with proper particle sizes (chemo medicine cocktail), and ❷stimulate newly generated vessels so that they can be collapsed, which leads to reduced blood flow into cancer tissues. The quantity of chemo medicine used for the therapy also decreases down to one-fifth or one-tenth of the one by the chemo therapy into the vein. More than 90% of the chemo medicine injected into the vein affect the organs other than cancer tissues (as they are diluted through the vein all over the body) whereas chemo therapy applied to the artery assumes 80 to 90% of the drugs act on cancer tissues. With an interval of about 3 months, treatment of 2 to 3 hours in a day can suppress and control the progress of cancer for a long period.

- Using one-fifth or one-tenth quantity of the chemo medicine can be injected into the artery compare with the injection into vein, Minimizing side effect.
- Intensive attacking on cancer cells only without decreasing the immunity
- Guaranteeing usual daily life through outpatient treatment as well as the shortest Hospitalization period
- Expected excellent treatment outcomes against almost all kinds of cancers (except for hematologic malignancy and metastasis to the central nervous system)
- Available for the patients who do have no effective outcomes or severe complications by chemo therapy applied to the vein

Transarterial Chemoembolization TACE



Transarterial Chemoembolization TACE

TACE is the most common therapy in treatment of hepatoma that finds out the feeding artery that delivers nutrients to liver tumors, injects chemo medicine and block the blood vessel. In some cases, chemo medicine is directly injected without blocking the vessel. Two types of blood vessels deliver oxygen and nutrients to liver tissues. The first vessel is the portal vein that roams between small and large intestines and the other one is the hepatic artery that directly comes out of the main artery. Normal liver tissues acquire the blood from the portal vein whereas the tumor tissues get the blood from the hepatic artery. Thus, selective injection of chemo medicine into the hepatic artery followed by blocking may lead to necrosis of tumors while minimizing damages to normal liver tissues. This therapy does not have limitation due to the progress of cancer and therefore has a wide range of applicability as long as patients do not suffer from severe jaundice or ascites. Patients need a week of hospitalization for one single treatment and may suffer from side effects such as abdominal pain, nausea, loss of appetite and fever. However, they will be relieved within a few days. This therapy has fewer limitations on its subjects and more benefits unlike other ones and therefore becomes increasingly popular in treatment of liver cancer.

Treatment Method

A small tube called catheter with a diameter of 2 to 3mm is inserted into human body through the femoral artery located at the inguinal region for access to the hepatic artery. Once the catheter reaches the hepatic artery, vascular contrast media are injected to obtain the hepatic artery imaging which allows to identify the location and size of tumors along with their blood supply conditions required for treatment. Once the treatment direction is confirmed, a tube with a diameter of 1mm is used to find out the artery connected to tumors and then chemo medicine along with embolus are injected for treatment.

What is a cancer metastasized to the peritoneum?

Peritoneum is a thin layer that surrounds abdominal organs and walls and generates ascites to facilitate the movement of intestines. Various cancers are metastasized to the peritoneum when they are moving through the vessels to lymph or other organs, or separated to the peritoneal cavity. Peritoneal cancer may be caused by metastasis of gastric, colorectal or ovarian cancers, or pseudomyxoma peritonei (generating phlegmatic temperament in the vermiform appendix) and mesothelioma (cancer developing in mesothelial cells of the peritoneum).

CRS (Cytoreductive Surgery) + HIPEC (Hyperthermic Intraperitoneal Chemotherapy)

Benefits of CRS+ HIPEC

CRS + HIPEC



Peritoneal cancer or cancers metastasized to the peritoneum are hardly incurable and therefore even large hospitals do not have any alternatives except offering chemo therapy. In addition, the effect of such treatment is not that good and therefore those cancers are the biggest challenges for not only patients but also medical teams. Recently, treatment of peritoneal cancer is usually performed by two stages of therapies including CRS (cytoreductive surgery) and HIPEC (hyperthermic intraperitoneal chemotherapy). CRS is a surgery covering a wide range and organs with metastasis should be removed as much as possible not to risk the life of patients. The surgery aims at reducing the sizes of cancer tissues down to 2.5mm or smaller. Temperature between 42 and 43°C maximizes the effect of chemo medicine. Hyperthermic intra-peritoneal chemotherapy in the peritoneal cavity is performed while the abdomen is opened, maintaining the temperature and mixing the 1.5% glucose solution with chemo medicine for treatment that continues for 1 hour to 1 and a half hour.

- When applying to patients with cancers metastasized to the peritoneum, patients may have improvements in symptoms due to ascites and survive longer.
- Applicable to lung, colorectal or ovarian cancers metastasized over the peritoneal cavity in a mass or in separated in shape of particles penetrating the surrounding organs

LHIPEC (Laparoscopic Hyperthermic Intraperitoneal Chemotherapy)



LHIPEC (Laparoscopic Hyperthermic Intraperitoneal Chemotherapy)

Benefits of LHIPEC

Complications of LHIPEC

Existing hyperthermic intra-peritoneal chemotherapy practices in the peritoneal cavity require the opening of the abdomen. However, LHIPEC uses laparoscopy to cure cancers metastasized to the peritoneum. SAM Hospital was the first one in Korea which started to practice the therapy in 2008. The temperature is maintained between 42 and 43°C while the chemo medicine are injected into the peritoneal cavity and the treatment continues for about 1 hour.

- Less pain and faster recovery as LHIPEC uses laparoscopy
- Relatively accurate observation on metastasis by visual inspection
- Excellent effect in controlling ascites. The fundamental approach which is preventing generation of ascites by directly removing cancer cells with metastasis
- Intestinal bypass and enterostomy available at the same time
- Probability of failure: cases with severe abdominal adhesions, rigid abdominal walls or excessively stretched intestines
- Probability of abdominal opening [2%]: cases that cannot be fulfilled by laparoscopy only, acute bleeding, damages to internal organs, etc.
- Abdominal pain or adhesions: early exercise required
- Infection, bleeding or metastasis in the location for the trocar
- Peritonitis or ascites leaks after treatment → injecting antibiotics and observing

Cyberknife



Cyberknife

Benefits of Cyberknife

The virtual knife traces the movement of tumors and removes them. CyberKnife is an advanced robotic radiosurgery system by radiation instead of using a knife to remove brain tumors and cancer lesions in human body. It ensures safe radiotherapy in any part of the body. The system takes into account the changes to the position of tumors by the movement of patients and its robotic arm traces tumors in real time for treatment. Thus, it does not cause damage to normal tissues and remove tumors. CyberKnife uses a robotic arm and therefore it can apply treatment in any part of the body regardless of the location and form of tumors, covering complicated tumors that surgical procedures cannot handle.

Accurate	The error range of the movement by the robotic arm operated by a computer is within 0.35mm and the lesion tracker has an error range within 1mm and therefore it can detect the accurate position of lesions for treatment.
No pain	Instead of using a metal frame on the head of the patient, the system uses a plastic mask to fix the head. Thus, the patient feels no pain at all.
Applicable to the whole body	The system can handle not only brain tumors but the ones in any part of the body with accuracy.
Available for outpatients	Patients don't need anesthesia and they don't feel pain after treatment. Thus, they don't need to be hospitalized.
Minimized side effect	As the system emits radiation to tumor tissues only in a precise manner, damages to normal tissues are minimized with reduced side effect. Where there are concerns on damages to surrounding organs, treatment can be performed partially in multiple times to minimize side effect.

Elekta Infinity with Agility



Elekta Infinity with Agility

Radiation with high precision and extreme density ensures more accurate and faster radiotherapy. The linear accelerator in G SAM Hospital, Elekta Infinity with Agility, is the most advanced radiotherapy equipment with enhanced range, directions, speed and flexibility against irregular forms of lesions compared to existing external linear accelerators. In addition to this, the system is equipped with a new and advanced Cone Beam CT (XVI Symmetry), available for a 4-dimensional reproduction of movements even by patient's breathing to ensure the most accurate detection of lesion positions (within 2mm) and deliver high dose radiation in a more accurate and safer manner. Thus, the system not only provides sufficient radiation to lesions (cancer) but also minimize radiation to surrounding normal tissues, leading to increased effect of the treatment and improved quality of life for patients.

A) IMRT (intensity-modulated radiation therapy) and B) IGRT (image-guided radiation therapy), which are recognized as innovative tools in radiotherapy are integrated into the system along with C) volumetric modulated arc therapy (VMAT) as an advanced treatment technique allowing to apply 160 MLCs (multi-leaf collimators) with a size of 5mm to all the areas requiring treatment.

***Applicable diseases**
Brain tumor, head and neck tumor, spinal tumor, prostatic cancer, lung cancer, liver cancer, colorectal cancer, cerebrovascular diseases and cancer with metastasis, etc.

HIFU Knife



HIFU Knife

Leading to necrosis of cancer by ultrasound
HIFU Knife therapy is a medical technique with high-intensity ultrasound radiation focusing on cancer to burn cancer tissues without surgery. HIFU therapy increases the temperature of local areas over 60°C and then cancer cells are solidified and necrotized by heat. Fine bubbles generated while the ultrasound passes through tissues repeat expansion and contraction and then burst out to kill cancer cells.

Benefits of HIFU Knife

- Harmless to human body, free from side effect or death
- Minimized damages to surrounding normal tissues
- No need for anesthesia, faster recovery
- Enhanced immunity due to increased lymphocytes around the tumors treated
- Repetitive treatment available, if necessary, as tissues have no tolerance
- Available for combination with any kinds of existing therapies
- Enhanced treatment effect due to increased absorption of chemo medicine
- Excellent effectiveness in pain control due to penetration into the pelvic wall
- Partial treatment in multiple times available depending on the number and size of tumors and the conditions of patients

*Applicable diseases

- Tumors in the left side of the liver, pancreatic cancer, sarcoma, breast cancer, uterine myoma, etc.

Local Tumor Treatment (Cryoablation, RFA, PDT)



Cryoablation

Freezing and killing tumors

Cryoablation rapidly decreases the core temperature of cancer tissues down to -80°C to cause their necrosis. One or dozens of needles are used for treatment of cancer tissues.

*Applicable diseases

Prostatic cancer, renal cancer, lung cancer, breast cancer, bone metastatic cancer, sarcoma

RFA

(Radio-Frequency Ablation)

High frequency burns cancer tissues out

A needle is inserted into the center of a tumor and then high frequency magnetic is released without causing electric shock to generate frictional heat that increases the temperature surrounding the electrode to 90°C or higher so that cancer cells will be solidified and necrotized. The therapy can be applicable together with hypnoanesthesia or general anesthesia, if necessary, to various parts of the body through laparoscopy.

*Applicable diseases

Lung cancer, renal cancer, osteocarcinoma, metastatic cancer

PDT (Photodynamic Therapy)

Removing cancer with light, not using a knife

PDT (photodynamic therapy) is a new technique for treatment of cancers that uses the properties of various photosensitizers which tend to accumulate on cancer cells rather than normal ones. In this therapy, photosensitizers are injected into the vein and then they are accumulated on cancer cells. In about 48 hours, lights with multiple wavelengths including 630nm are focused on cancer cells using an endoscopy to selectively destroy those cells. It is effective in treatment of multiple cortical areas. In addition, it also serves as a selective and minimally invasive therapy with higher rates of curability and tolerability.

*Applicable diseases

Gastrointestinal malignancy, esophageal cancer, biliary tract cancer, lung cancer, bladder cancer, skin cancer, malignant mesothelioma, cervical cancer, tumors in various areas, recurrence cancer

G SAM Integrative Cancer Hospital Cancer Diagnosis Equipment

PET-CT / IVR-CT / Advanced 3.0T MRI



PET-CT

PET-CT

PET-CT enables accurate cancer diagnosis with one single whole body imaging.

PET examines problems in metabolism whereas CT investigates the structural problems in human body. PET-CT is advanced equipment based on the combination of information collected by both PET and CT for more accuracy in diagnosis and earlier detection of various diseases including cancers. PET identifies the exact position with abnormal conditions while high-resolution CT result can be used immediately for the PET interpretation leading to early detection of cancers and their metastatic conditions in a more accurate and faster manner.

IVR-CT

The first angiography (medical imaging technique to visualize lumen of blood vessels) and MSCT (multi-slice computer tomography) combined equipment in Korea ensures faster and more accurate examination with better performance.

CT and angiography examinations can be done at once without the need for patients to move and therefore their inconvenience can be minimized. Angiography can be performed right after the CT examination ends for more accurate diagnosis and treatment of diseases. IVR-CT reduces time required for surgery and promotes convenience for examiners.



IVR-CT

Advanced 3.0T MRI

Clearer, more accurate and safer



3.0T MRI

The most advanced magnetic resonance imaging equipment 'Achieva 3.0T TX' shows better performance compared to existing 1.5T or 3.0T MRI with increased accuracy in diagnosis and better convenience for patients. As it does not use radiation, it is harmless to human body while obtaining a high-resolution image. Problems of existing MRIs have been improved with adjustable and optimized contrast for images of different parts in the body depending on individual conditions. It can deliver high quality images in a consistent manner and therefore ensure accurate diagnosis for every patient.



Integrative Holistic Healing Treatment in G SAM Integrative Cancer Hospital

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Key to the cancer treatment!
Excellent in removing cancer cells
and improving immunity!



Korean Medicine for Cancer Treatment

G SAM Integrative Cancer Hospital actively introduces traditional Korean medicine in treatment of cancers along with modern medical practices. Korean medicine for cancer treatment is highly effective in relieving pain and improving treatment effect for patients with cancers. In particular, it can use various prescriptions and acupuncture along with natural therapies to control regeneration of blood vessels and improve immunity. In addition to this, integrative treatment practices enable Korean medicine not to be in conflict with chemotherapy, radiotherapy and surgery in modern medicine and lead to complementary effects among them, increasing their treatment effect. Korean medicine for cancer treatment does not consider body and mind as separate elements but take them in a holistic aspect. It has fewer side effects and relieves it without interfering chemo medicine or radiotherapy.



Treatment with harmony between body and mind	Korean medicine considers one's emotions and mind are not separate from internal organs and the meridian system not separated from mind. The concept of holistic healing without separating body and mind underlies Korean medicine.
Less side effect	Patients do not suffer from side effect just like they do with chemotherapy or radiotherapy. Korean medicine relieves such side effect.
Nature-friendly	Korean medicines deliver treatment adaptive to human body, not an aggressive one.
Assisting treatment by modern medicine	Korean medicine supplements treatment by modern medicine, relieve side effect and thus increase the treatment effect.

Herbal Chemo Medicine

Herbal Chemo Medicine is based on medicinal herbs that remove toxicity of 'arsenic' and improve immunity. The natural arsenics directly attack and kill cancer cells while preventing generation of new blood vessels that deliver nutrients to cancer cells so that metastasis can be controlled. It can be used together with radiotherapy and other standard chemo therapy practices.

Features of Herbal Chemo Medicine

- Applicable to treatment of various cancers
- Covering patients with cancers from early stages to terminal ones
- Preventing metastasis by blocking supply of nutrients to cancer cells
- Available for combination of standard chemo medicine prescribed by hospitals due to less side effect
- Simple oral administration leading to treatment effect within 2 to 3 months

5 Core Treatment Areas of Korean Medicine

- Diseases with pain: non-surgical spinal and joint treatment, moxa cautery, acupuncture, Chuna manipulation, herbal medicine
- Rehabilitation: aftermath of stroke and traffic accidents, post-surgery recovery treatment
- Herbal medicine for women: treatment of functional disorders, skin care, obesity treatment, prenatal and postnatal care
- Chronic incurable diseases: cancer, atopy, collagen disease, metabolic disorder, environmental diseases
- Increased immunity and preventive care: chronic fatigue, weak constitution, care for semi-healthy status(light diseases)



Lee Dae-yong
Doctor of Korean Medicine

Korean Medicine

Specialized Areas
supplementary and alternative medicine

Educational Background	graduated from College of Korean Medicine, Wonkwang University, obtained a doctor's degree at School of Korean Medicine, Wonkwang University
Work Experience	working as a doctor of Korean medicine of G SAM Hospital, served as a doctor of Korean medicine of Anyang SAM Hospital (Korean medicine and oncology), treatment doctor of Sam Oriental Hospital, medical specialist of Korean internal medicine, resident at Wonkwang University Oriental Medical Hospital
Professional Activities	Member of the Korean Association of Traditional Oncology and the Korean Pharmacopuncture Institute



Intergrative Immunotherapy

We select and apply evidence based, objective and scientific therapies among supplementary and integrative medicine and Korean medicine in order to improve immunity of patients with cancers while investigating and introducing the most advanced immunotherapy. In addition to surgery, chemotherapy and radiotherapy by modern medicine, we maximize the effectiveness of treatment and minimize damages to immunity and side effect through supplementary and integrative medicine.

Hyperthermia

Hyperthermia is performed in combination with chemotherapy or radiotherapy in most cases. Once the blood vessels are expanded by hyperthermia, blood circulation to tumors is facilitated and therefore cell growth inhibiting drugs can easily reach tumor cells. Improved blood circulation by hyperthermia leads to more oxygen to cells maximizing the effectiveness of radiotherapy.

Cell Immunotherapy

Cell immunotherapy removes cancer cells by improving natural immunity in the body through immune cells. It proliferates cells that can fight against cancer cells (T cells, cytotoxic T lymphocyte, NK cells) to improve immunity. Unlike existing chemo therapy, the therapy takes advantage of cells from patients and therefore it is free from side effect and enhances immunity for improved quality of life.

Vitamin C Injection

High concentration vitamin C mitigates the side effect of chemo medicine and facilitates them to act on cancer cells, enhancing the effectiveness of chemo therapy. It also activates NK (natural killer) cells that attack cancer cells. It is hard to take vitamin C as food with sufficient quantity to influence chemo therapy. Thus, direct injection of high concentration vitamin C into the blood vessels will be much more helpful.

Mistletoe Injection

Mistletoe extract (injection solution) is composed of branches, leaves and fruits from mistletoes. The extract contains more than 600 types of proteins and the injection therapy is the most common one with its action mechanism relatively well known among other complementary medicine. It is also the safest and easiest way of immunotherapy and the extract is perceived to have a high level of reliability among drugs from complementary and alternative medicine with respect to treatment of cancers. Its effectiveness has been demonstrated with its long-lasting tradition.

MEDICAL TEAM



Lee Jeong-ho
Doctor of Supplementary and Integrative Medicine



Kim Tae-sik
Adviser in Supplementary and Integrative Medicine



Gang Ui-gyu
Doctor of Immunity Clinic

Supplementary and Integrative Medicine

Specialized Areas
supplementary and alternative medicine

Educational Background	Educational Background: graduated from College of Medicine, Chungnam National University, graduated from the Department of Theology, Korea Baptist Theological University
Work Experience	Working as a doctor of integrative immunity clinic of G SAM Hospital, served as a full-time doctor of family medicine of Bundang CHA General Hospital, visiting professor of family medicine of Bundang CHA General Hospital, visiting professor of the Graduate School of Alternative Medicine, CHA University, visiting professor of family medicine of Inha University, treatment doctor of family medicine of Anyang SAM Hospital, researcher of Life Science Institute, Erom Life Co., Ltd., director of Senior Citizen Healthcare Center in Manan-gu, Anyang-si
Professional Activities	Korean Academy of Family Medicine, Korean Society for the Study of Obesity, Korean Society of Interventional Muscle and Soft Tissue Stimulation Therapy, Korean Academy of Clinical Geriatrics

Supplementary and Integrative Medicine

Specialized Areas
supplementary and alternative medicine

Educational Background	Graduated from College of Medicine, Korea University
Work Experience	Working as an adviser of Immunity and Oncology Center, G SAM Integrative Cancer Hospital, director of the Association Against Cancer, adviser in supplementary therapy, Korean Medical Association, visiting professor at College of Medicine, Korea University and director of the Korean Society of Supplementary and Alternative Medicine for Cancer

Immunity Clinic

Specialized Areas
immunity clinic, hospice, palliative care, general examination, chronic fatigue, smoking cessation, obesity

Educational Background	Graduated from College of Medicine, Kosin University, obtained a master's degree in preventive medicine at College of Medicine, Kosin University
Work Experience	Working as a doctor of family medicine of G SAM Hospital, visiting assistant professor of family medicine of College of Medicine, Kosin University, clinical lecturer of Kosin University Gospel Hospital, resident at Kosin University Gospel Hospital, internship at Kosin University Gospel Hospital



Holistic Healing Institute

Thus, in order to cure individuals and their diseases, we need a holistic perspective and integrative efforts with physical, mental, environmental and spiritual aspects. In order to achieve this, Holistic Healing Institute provides mental care and art therapy, spiritual healing and counseling therapy with evidence based medicine that combines modern medicine and integrative immunity medicine to facilitate holistic healing and recovery of our patients.

Mental Care & Art Therapy

Mental Care & Art Therapy is a specialized healing program by SAM Hospital to relieve weary body and mind of patients and their families who would suffer a lot during the treatment so that they can restore their vitality in life. This is based on the evidence that the energy of the mind is associated with immune systems (Psychoneuroimmunology). Patients and their families can participate in the program and benefit from mental healing and improved immunity. Smile Therapy, Art Therapy, Music Therapy, Horticulture Therapy, Ocarina, Line Dance, Foot Massaging, Imaginative Healing (to be introduced)

Spiritual Healing

Spiritual healing begins from the premise that the spirit will be a critical factor in treatment of diseases just as people sublimate their sufferings with religion. Prayers and worships to express their spirits, new covenants and self-declaration to be new beings will be engraved on their cells through their mind and language. We help them in rediscovering and summarizing negative memories of the past inherent in themselves and unsolved and forgotten problems through in-depth spiritual speculations.

⊕ Individual prayer healing, worships and prayers for patients, visiting prayer and counseling, spiritual redemption and propagation, baptism at hospital beds and worship and prayer for the last moment, Sunday worships, Wednesday holistic healing meetings, cultural healing meetings, etc.

Counseling Therapy

Healing is not only for individuals but also for relationships with their families, neighbors, community and society to which they belong. Furthermore, it also has an ultimate goal of restoring relationship with God and achieving growth. SAM Hospital is active in utilizing counseling services as a means to realize healing at an integrated level. Our counseling psychologists along with medical specialists in psychiatry provide integrative mental care and counseling programs.

⊕ Initial counseling for patients entering Holistic Healing Institute, professional counseling with psychiatrists if necessary, associated with professional counseling with counseling psychologists

MEDICAL TEAM



Choi Byeong-woo
Director of the Holistic Healing Institute

⊕ Specialized Areas

In-depth individual counseling with patients, counseling with families, spiritual development, art/music/smile/prayer healing

Educational Background

Graduated from Hapdong Theological Seminary, completed CPE (clinical pastoral education) course, served as a director of Mental Care and Art Therapy Center, Holistic Healing Institute, working as a director of Holistic Healing Institute



Kim Do-bong
Pastoral Director

⊕ Specialized Areas

in-depth individual counseling with patients, counseling with families, spiritual development, comprehensive psychological tests for missionaries

Educational Background

obtained a doctor's degree in Pastoral and Spiritual Formation at Union Theological Seminary in the Philippines, completed a clinical and pastoral direction course at University of Alberta Hospital in Canada, served as a director of Holistic Healing Institute, working as a pastoral director at G SAM Hospital



Exercise Rehabilitation

Program	Description
Exercise Therapy	Exercise therapy improves physical functions of patients with cancers and helps them performing their daily works.
Exercise Prescription	Exercise prescribers provide individualized prescriptions taking into account both quality and quantity of exercise depending on physical strength of patients with cancers so that they can be back to normal condition after the treatment.
Lymph Therapy	The therapy provides lymph massaging, pressure bondages and compression devices to prevent and cure lymphedema for patients with cancers.
Electrothermal Therapy	The therapy uses heat and electrical stimulation to relieve and reduce pain for patients with cancers.
Hospital Treatment	Therapists visit individual patients with cancers and mobility problems to provide one-to-one treatment practices.
Group Therapy	The therapy is a group program for patients with cancers in the hospital so that they can enjoy interesting dance routines, yoga and other activities together with therapists.
Manual Therapy	Manual therapy is an exercise one to help patients with cancers in restoring their joint or muscular functions. Manual therapists provide assistance so that they can restore their body balance before and after the surgery.
Specialized Rehabilitation	This therapy helps patients with brain or spinal cancers leading to central nervous system disorders by one-to-one treatment and tool-based exercise.
Cancer Counseling	Coordinators specialized in cancers provide proper counseling services depending on individual conditions of patients before the treatment.

Exercise Therapy	Daily Healthy Exercise Stretching every morning to the exciting music ▶ When (Monday to Saturday) 09:45 ▶ Where lounge at the 11th floor	Manna Pilates Learn stretching and body exercise with small exercise tools. You can easily practice it at home~ ▶ When (Monday to Saturday) 10:00 ▶ Where Exercise Prescription Room at the 11th floor
	Shalom Yoga Shalom Yoga Yoga is not difficult at all~ You can easily learn how to do it. ▶ When (Monday, Wednesday and Friday) 14:00 ▶ Where Exercise Prescription Room at the 11th floor	



Kim Yong-rae
Doctor of Rehabilitation Medicine

Rehabilitation Medicine

Specialized Areas
rehabilitation for patients with cancers, stroke, spinal injuries and cerebral palsy

Educational Background	graduated from College of Medicine, Yonsei University, obtained master's and doctor's degrees at School of Medicine, Yonsei University
Work Experience	working as a doctor of rehabilitation medicine of G SAM Hospital, served as a director of the department of rehabilitation medicine of Philip Medical Center, assistant professor of rehabilitation medicine of Bundang CHA General Hospital, internship at the Severance Hospital, resident in rehabilitation medicine at the Severance Hospital

Professional Activities	director of Korean Bowling Association for the Disabled, advisory doctor at the National Pension Service, medical counseling doctor at Naver Knowledge iN service, medical specialist tin rehabilitation, medical specialist in sports medicine, medical specialist recognized in geriatrics, member of the American Academy of Physical Medicine and Rehabilitation (AAPMR), full member of the International Spinal Cord Society (ISCoS), member of the American Academy for Cerebral Palsy and Developmental Medicine (AACPDM), full member of the International Society of Physical and Rehabilitation Medicine (ISPRM), full member of the Korean Academy of Rehabilitation Medicine and the Korean Society of Sports Medicine, life member of the Korean Academy of Independent Medical Examiners, full member of the Korean Stroke Society, the Korean Spinal Cord Society, the Korean Academy of Electrodiagnostic Medicine, the Korean Association of Pain Medicine and the Korean Academy of Electromagnetic Therapy, life member of the Korean Academy of Clinical Geriatrics
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International Healthcare Service

SAM Hospital International Healthcare Center opened in 2009 to provide professional medical services to international patients suffering from various diseases and ranked the ‘first place among general hospitals in the number of international patients in 2010’ and the ‘second place in 2011 and 2012’. Our personnel fluent in English, Mongolian, Russian and Chinese are available for your request and provide more accurate and comfortable services.

The center also offers total medical care covering transportation, tourism and accommodation for patients visiting the hospital for the purpose of medical treatment. In close cooperation among different departments and organizations ranging from the primary care and treatment to the specialized centers, the center offers one-stop services covering all the treatment processes for international patients.

All the employees and medical specialists working in SAM Hospital International Healthcare Center are committed to practicing the true meaning of love for life by putting themselves in the position of patients and sharing joys and sorrows with them.

- Established the international healthcare center
- Established a lounge for international patients
- Coordinators fluent in 4 different languages (English, Russian, Chinese and Mongolian) on your request
- Brochures and treatment related guides in 4 different languages available
- Established a guesthouse for international patients to stay during their treatment
- Free pick-up and drop-off services at the airport
- Established hospital beds for international patients
- Lounge for international patients and guesthouse with cable TV
- 24-hour medical interpretation services, online and over-the-phone counseling services
- Free offering for treatment plans and quotations on your request after counseling with medical specialists
- Providing holistic healing education (music, art, dance, smile therapies, etc.)
- Worship in Russian available
- Shuttle buses available among 3 different hospitals

Contact

G SAM Integrative Cancer Hospital
International Healthcare Team

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