

The center of public health

VHS Medical Center managed to become the highest level public medical institution in Korea over the last half a century in all areas including medical treatment, research and education with focus on veterans' health.

As the results of having provided patient-oriented medical services by outstanding medical specialists under the mission of 'healthy and happy life of veteran's family', we accomplished splendid achievement of being selected as the most outstanding institution for 4 consecutive years in the public health and medical plan implementation evaluation conducted by the Ministry of Health and Welfare. VHS Medical Center is the 'one and only' public medical institution in Korea that provides convergent medical and welfare services in the entire domains of medical treatment, rehabilitation and convalescence.



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Greetings from the President



We will be responsible for lifelong health of the people of Korea through provision of high level medical services.

VHS Medical Center is a public medical institution established in 1953 to provide medical and welfare services to the the patriots and the veterans who sacrificed and dedicated themselves for the country and local society, having started as Daegu Relief Hospital No. 2.

VHS Medical Center is the most advanced medical center with approximately 1,400 beds including Veterans Convalescent Hospital and the Dental Hospital. We are assertively operating daily life treatment center in metropolitan area and a number of nationally designated speciallized centers such as 'National Safety Hospital'* in order to fulfill our social responsibilities as a public medical institution while pursuing medical specialization as well as leading advancement of veterans' medical services.

“Yesterday, you protected us.”
“Today, we will protect you.”

VHS Medical Center is the frontline institution tasked with protection of the health of veterans and general public, and has been putting in utmost efforts to become a public medical institution acknowledged for outstanding medical expertise and excellent research achievements.

For this purpose, we have been spurring on with strengthening of our research capabilities by operating Veterans Medical Research Institute that executes diversified researches on diseases related to the characteristics of veterans and geriatric diseases and Prosthetics & Orthotics Center pursuing development of the most advanced orthosis using 3D printing, etc.

VHS Medical Center shall strive to pioneer a new future in the rapidly changing medical environments, establish advancement plans for leading responses and continuously enhance our capabilities for specialized treatment of severe diseases through the innovation of our medical.

As the best partner leading the public medical and welfare services, we will put our utmost efforts to become a trustworthy and affable medical institution that all people can visit with confidence.

Yours sincerely.

Keun-Young Yoo, President of VHS Medical Center

* A hospital that separates the treatment process for respiratory patients and non-respiratory patients to prevent in-hospital infection of COVID-19.

Current status of VHS Medical Center

VHS HISTORY

Over the past 70 years,
we have been responsible for the treatment and
health of veteran's families and general public.

Boasting a history of over 70 years, VHS Medical Center has been
the cradle of public health care and the birthplace of veterans
medicine in Korea.

VHS Medical Center shall continue to fulfill our responsibilities
as a public medical institution by providing advanced medical
treatments and patient-oriented services based on our capabilities
accumulated in overall aspects of education, research and
treatment to ensure better health not only of veterans but also of
the general public including the local residents.

Healthy life

Happy world together



1953. 02

Establishment of Daegu
Relief Hospital No. 2



1961. 07

Establishment of National Relief
Hospital of Ministry of Patriots
& Veterans Affairs
(250 beds, Oryu-dong, Guro-gu)



1981. 11

Establishment of Korea Relief &
Welfare Corporation



2001. 02

Changed the name to
'Seoul Veterans Hospital' of Korea
Veterans Welfare and Medical
Corporation



1983. 08

New construction and transfer of
National Relief Hospital (440 beds,
Oryu-dong, Guro-gu → Dunchon-dong,
Gangdong-gu)



2011. 09

Changed the name to VHS Medical
Center and new construction of
hospital building(1,003 beds)



2014. 02

Expansion of VHS Medical Center
(1,381 beds)



Leading smart medical culture.

VHS Medical Center introduced technologies for advancement of medical services including robotic surgery, development of new orthosis products utilizing 3D printing, realization of precision medicine through bio-bank, and development and expansion of educational programs to which virtual reality (VR) technology has been grafted, etc. to establish smart hospital that has been advanced a step further in alignment with the era of the 4th industrial revolution.

Healthy and happy life of veteran's family

Vision Best partner leading public medical and welfare services



Management goals	Medical appropriateness evaluation score of 99	Long-term nursing institution evaluation score of 100	Rate of pursuit of veterans new deal policy of 100%	Most outstanding rating in accompanied growth evaluation	Class S rating in safety activity level evaluation
Strategic direction	Strengthen quality and publicness of veterans medical services	Realize welfare services with respect for diversity	Lead future growth in the new normal era	ESG-based sustainable management	Strengthen quality and publicness of veterans medical services
Strategic tasks	<ul style="list-style-type: none"> Strengthen specialization in the treatment at veterans hospital Establish system for delivery of veterans medical services Expand medical service network for the public 	<ul style="list-style-type: none"> Strengthen quality of veterans nursing services Diversify daily life welfare for veterans Establish beneficiary-oriented welfare infrastructure 	<ul style="list-style-type: none"> Expand future convergence type services Strengthen integrated data-based services Realize smart service for veterans medical and welfare services 	<ul style="list-style-type: none"> Realize environment-friendly and green veterans corporation Practice social responsibility that the public can experience Realize ethics and human rights-oriented governance 	<ul style="list-style-type: none"> Advancement of safety management ecology Innovate new technology-based management system Improve management and strengthen operational efficiency



Key businesses

VHS Medical Center, Veterans Convalescent Hospital

Provide medical and welfare services for veterans and their families, bereaved families of veterans, and local residents

Veterans Medical Research Institute

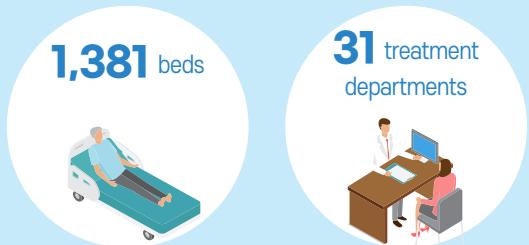
Research including clinical gene-translational medicine through establishment of cohort for each disease and bio-bank.

Prosthetics & Orthotics Center

Manufacture, supply, repair and R&D for orthosis to supplement bodily functions

Current status

Scale and budget
(2021)



Current hospital
(as of 2021.9.30)



Current status of
medical treatments
(as of 2020.12.31)



Current status of
equipment
(2020)



Performances

The only unit institution in Korea to provide convergent type medical and welfare services in all areas including acute stage services to at home services.



As the results of appropriateness evaluation by the Health Insurance Review & Assessment Service, acquired rating of 1 in 12 areas



As the results of survey of customer's satisfaction on public institution organized by the Ministry of Strategy and Finance, selected as institution with high scores for 12 years in succession (2008-2019)



(2020)
Chronic occlusive pulmonary diseases, anesthesia, colorectal cancer, lung cancer, acute stage stroke, drug benefits (antibiotics and injection drug prescription rate, and No. of drug items), hemodialysis, coronary artery bypass, psychiatric medical benefits and intensive care unit



Acquired certification as a 3rd phase medical institution by the Ministry of Health & Welfare



Selected as a 'Top specialized' hospital by <Newsweek> of USA (2020)



Acquired rating of 2 in the R&D division as the result of evaluation of medical quality (2020)



Selected as the most outstanding institution in the evaluation of institutions specializing in hospice & palliative care medicine (2017-2020)

Specialized Treatment Center and Treatment Departments

Leading the future medical services through provision of specialized medical treatment services.

VHS Medical Center is providing medical services at the level of top class general hospital by operating specialization center for serious diseases and senile diseases.

In particular, we are providing specialized medical treatment services appropriate for the patient's diseases through multi-disciplinary collaboration system with participation of medical specialists from various relevant areas.



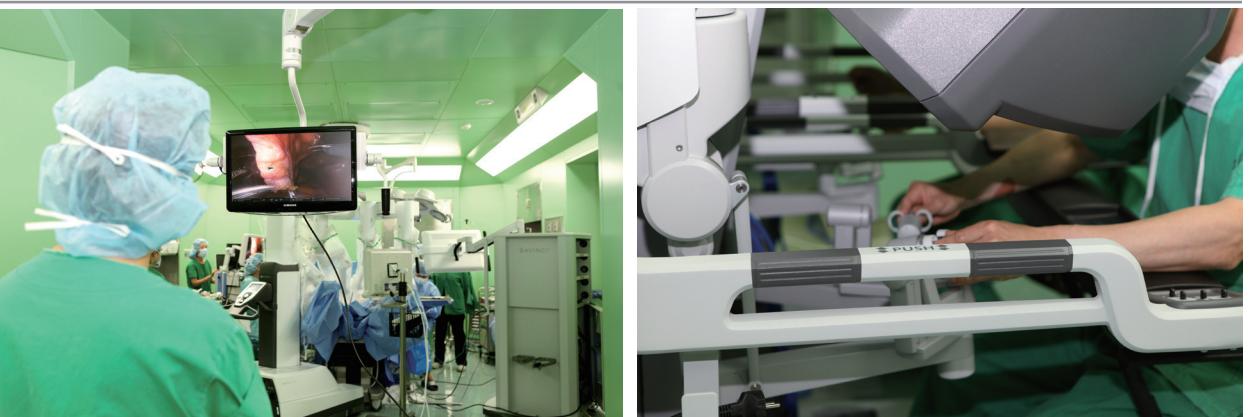


Robotic Surgery Center

Providing high quality

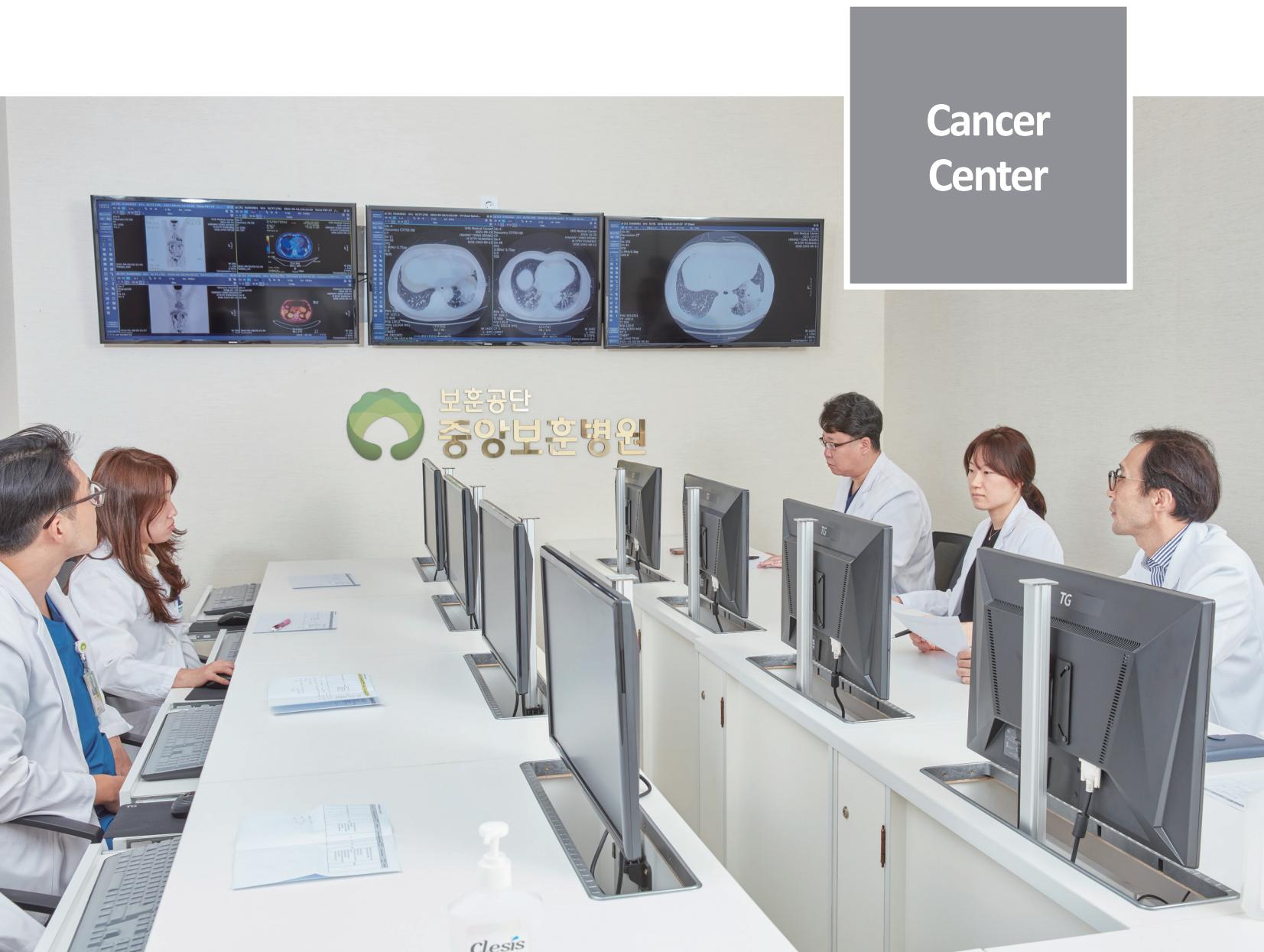
Da Vinci robotic surgery is a surgical method that enables the patients to recover and return to daily life more quickly due to lower level of bleeding and pain along with lower rate of manifestation of side effects and complications since minimal incision is made at the area of surgery.

In particular, robotic hepatectomy is conducted only at about 10 university hospitals throughout the country due to its high level of difficulty in comparison to other organ surgeries. However, Surgical Department of VHS Medical Center is displaying very rapid improvement and growth by successfully completing 5 hepatectomies only within 3 months.



By achieving the 100th robotic surgery within 6 months of having opened the Robotic Surgery Center, we have established ourselves as a hospital capable of surgical treatments at par with higher ranked general hospitals.





Executing customized cancer treatment by means of specialized and optimized system

Cancer Center is operating reservation, reception and consultation offices, and 13 specialized cancer centers including Hepato-biliary-pancreatic Cancer Center, Colorectal Cancer Center, Stomach Cancer Center, Pulmonary Cancer Center, Soft Bone Tissue Sarcoma Center, Brain-Spinal Tumor Center, Head and Neck Cancer and Thyroid Cancer Center, Gynecologic Cancer Center, Urological Cancer Center, Esophageal Cancer Center, Breast Cancer Center, Skin Cancer Center, Blood Cancer and Bone-marrow Transplant Center. We are providing highly specialized cancer treatments through multi-disciplinary collaboration system through which numerous specialists related to the corresponding area collaborate to make accurate diagnosis on the patient and design treatment plans optimized for each patient.

Cancer Center

Acquired the rank of 1 in the evaluation of appropriateness for 4 major cancers (colorectal cancer, breast cancer, pulmonary cancer and stomach cancer) by the Health Insurance Review & Assessment Service for 3~5 years in succession.

Treating more than 4,000 cancer patients per year

At the time of the first visit, we are providing prompt and accurate guidance and reservation services for treatment through specialized consultation by nurses specializing in tumors with cancer patients. Full-time nurses specializing in tumors provide individual consultation that patients and guardians want.

In addition, we are capable of providing treatments that are customized for each patient as we have activated endoscopic procedures and radio-frequency thermal ablation, etc. as the minimally invasive therapy with consideration of quick recovery of patients along with operation of fast examination track for maximally prompt processing of examinations related to new cancer patients in order to diagnose and establish treatment plans for cancer at much faster pace.





Cardiovascular Center

Taking necessary measures within the golden time by establishing integrated and systemic cardiovascular diseases system

Cardiovascular diseases are ranked the 1st as the cause of death throughout the world and are highly dangerous since they can induce a diverse range of complications. Cardio Vascular Center of VHS Medical Center established multi-disciplinary collaboration system composed of specialists in the integrated treatment of heart (circulatory medicine, thoracic medicine, radiology and nuclear medicine, etc.) in order to provide multifaceted integrated and systemic medical services.

In particular, we are providing more specialized cardiovascular treatment services in MRI, CT and hybrid operating room by applying advanced imaging technology of cardiac angiography.

Furthermore, we are maximizing the level of satisfaction of patients on treatments by operating on-the-day hospitalization room and cardiac examination room equipped with various latest medical equipment.



Cardio Vascular Center is operating specialized clinics including arrhythmia clinic, aorta clinic and peripheral blood vessel clinic, etc. based on our abundance of surgical know-how including angioplasty, stent insertion and vascular bypass surgery, etc. Moreover, we are taking measures to cope with occurrence of sudden cardiovascular diseases by performing surgery within golden time.

Acquired status as an 'institution with certified cardiovascular intervention procedures' by the Korean Society of Interventional Cardiology

Execution of cryoballoon ablation, which is the latest treatment for auricular fibrillation

Acquired the rank of 1 in the evaluation of appropriateness of coronary artery bypass by the Health Insurance Review & Assessment Service for 3~5 years in succession

Certification of Transcatheter Aortic Valve Implantation (TAVI) execution institution and TAVI autonomous procedure team





Emergency Medical Center

We promptly treat emergency patients based on our regional emergency medical network.

Emergency Medical Center was designated as a regional emergency medical center since 2004 to be responsible for emergency medical treatment of veterans and local residents.

We have established collaboration system with various clinical treatment departments in order to promptly and accurately diagnose and treat emergency patients needing prompt treatments. Moreover, we are coping with infectious diseases systematically by having installed independent negative-pressure isolation beds.

We are putting in our utmost efforts to maximize survival rate of patients through operation of 'Golden Time Zone', which is a project to support night surgery on serious emergency patients along with operation of Hot-line for organic cooperation with other emergency medical centers in the region to enable serious emergency patients to be transferred to our emergency center immediately for treatment.



Vascular Intervention Center



Accurate and safe treatments are rendered by outstanding medical staffs using the latest angiography equipment.

Vascular Intervention Center is one of our core centers that treats diversified vascular diseases in the minimally invasive methods through minimization of skin incisions. In particular, we are equipped with Clarity of Philips and Artis Zee of Siemens, which are the cutting-edge angiography equipment, that allow surgery to be performed while viewing the conditions of blood vessels of and surgical procedures on patients through large flap detector and LCD device.

Treatments rendered at the Vascular Intervention Center can be divided largely into abdominal and peripheral intervention, and head and neck intervention. The level of satisfaction of the patients is very high as we are conducting procedures with the latest equipment currently available in Korea.

Abdominal and peripheral intervention includes transarterial chemoembolization (TACE), radiofrequency thermal ablation, angioplasty, central vein cannulation, various percutaneous drainage and stent insertion, etc. In particular, it is specialized for non-surgical treatment of hepatic cancer.



Head and neck intervention assists with safe surgery and quick recovery of patients based on specialized medical procedures including angiography for overall head and neck blood vessels (TFCA), coil embolization for cerebral aneurysm, which is a deformation of cerebral vessel, Onyx embolization on deformation of artery and vein, balloon angioplasty and stenting for carotid artery stenosis, and thrombectomy for acute cerebral infarction.



Rehabilitation Center

Assisting quick recovery of patients through customized rehabilitation therapy

Our Rehabilitation Center is being operated at the largest scale in Korea with 180 rehabilitation beds, and 11 specialized rehabilitation clinics.

Moreover, we provide total care services from the time of hospitalization to the time of discharge through collaboration among specialized medical staffs in each of the areas including Rehabilitation Center-Prosthetics & Orthotics Center-Outpatient rehabilitation. Following hospitalization, patients undergo rehabilitation training customized to the physical conditions of the patients through the use of cutting-edge equipment including upper and lower limb robotic rehabilitation therapy, gait analysis and underwater rehabilitation therapy, etc. with professional rehabilitation therapists along with emotional therapy. We provide orthosis customized to patients through prosthetics and orthotics clinic composed of specialists at Rehabilitation Center and orthotics specialists in accordance with the need.

Even after discharge from hospital, we dispatch house-call rehabilitation team to additionally provide physiotherapy and cognitive therapy for continuous treatments in order to support returning of the patient to normal daily life activities through quick recovery.





We are elevating the level of our ophthalmologic treatment on the basis of our One & Non-stop treatment system.

Ophthalmology Center established One & Non-stop treatment system in order for patients to undergo examination, treatment and procedures. Moreover, our specialization in ophthalmologic treatment is fully recognized by having provided services with the best medical qualities on the basis of specialists and examination staffs in the detailed specialization areas with extensive clinical experiences including anterior segment, vitreous body, retina, glaucoma, ophthalmic plastic surgery and neuro-ophthalmology for cross-eye, etc.





Efforts of the medical staffs for diabetes and endocrinology disease patients are continuing.

Diabetes and Endocrinology Center, in our current era of diabetes population of 10 million, is rendering treatments for diabetes patients with the goals of lifelong management of disease and minimization of complications.

Majority of diabetes patients are elderlies. As such, nurses in exclusive charge of diabetes and endocrinology are providing diabetes and insulin education customized to each patients in consideration of the fact that there is prolonged period of illness and extensive administration of insulin.

Meanwhile, if needed for quick examination, we are putting in our utmost efforts to elevate our medical quality and satisfaction level of patients including medical special list personally conducting thyroid ultrasonography and fine needle procedures.



It specializes in caring for diseases of decubitus patients.

Decubitus Center is equipped with specialized medical team composed of 1 specialist and 5 nurses for exclusive treatments. As such, specialized treatments and surgery not only for decubitus but also burns, dermatitis and chronic cut wounds, etc. are being rendered.

Maximizing the level of satisfaction on pain treatment through prolonged experiences and accumulated know-how

Pain Center opened to provide specialized medical service for pain treatment as there is continuous increase in the patients with chronic diseases and pain due to aging of the society is equipped with prolonged period of experiences and know-how accumulated in this area over the last 20 years. It is providing customized one-stop service to patients through collaboration among specialists in 3 areas, namely, anesthetics and pain medicine, neurosurgery and orthopedics.

It is maximizing the level of satisfaction of the patients on treatments suffering from pain on the basis of diversified treatment experiences including execution of more than 5,000 cases of interventional nerve block as well as more than 1,000 cases of ultrasonography induced block by introducing high resolution ultrasonography device per annum. In particular, balloon dilatation for intervertebral foramen stenosis patients at the Center is equipped with the best level of know-how in Korea. As such, the Center is assertively providing education and passing on technical know-how to the medical staffs of other hospitals.



Provides daily life site-oriented dementia care services

Integrated specialized dementia center is organically executing treatment and examinations, and rehabilitation therapy appropriate for the standardized classification of seriousness of dementia and characteristics of detailed diagnosis thereof through multi-disciplinary approach.

Moreover, daily life site-oriented dementia care services are provided after having assessed the supports and resources necessary for the patients through linkage among treatment team-resources linkage team-examination team-rehabilitation team-nursing hospital with the Central Lab Team of the Integrated specialized dementia center playing the key role.

Integrated specialized dementia center



First to be designated as Hospice & Palliative Care Center among all the non-university hospitals (2017)

Selected as the most outstanding institution in the evaluation of institution specializing in hospice & palliative care services by the Ministry of Health & Welfare for 4 years in succession (2017~2020)

Accompanying the last leg of the journey of the patient by becoming the last friend

VHS Medical Center is operating Hospice & Palliative Care Center in order for terminal stage cancer patients to obtain consolation and comfort by reducing their physical pain.

In addition, hospice & palliative care service is provided at the home of the patient in an effort to guarantee the right of the selection by and to improve the quality of the lives of the patient and family.



We will be responsible for the lifelong health of the general public!

VHS Medical Center is providing the highest level of public medical services in Korea on the basis of outstanding medical staffs we have.

We will take responsibility for the lifelong health of the general public including prevention and treatment of diseases, nursing care and passing away of the patients by providing customized patient-oriented medical services on the basis of advanced medical technologies.



Dental Hospital



Leading the advancement of dental science

History of Dental Hospital

1981.01	Began operation of dental clinic
2007.09	Expanded construction of dental treatment center and operation of 5 specialized dental treatment departments
2014.01	Promoted to status of a dental hospital
2018.01	Newly installed integrated dental medicine department and operation of 6 specialized dental treatment subdivisions
2023.08	Scheduled to complete construction of new Dental Hospital

Dental Hospital is operating specialized treatment departments, securing advanced dental equipment and technologies, and executing high level of examinations and treatment on the basis of our outstanding specialized dental staffs in order to provide in-depth and specialized treatments.



Dental Hospital is providing in-depth and specialized treatments for diversified disease that occur in teeth and in areas around gum and mouth, and injury, defective oral soft tissues and maxillomandibular joint diseases, etc. For this purpose, more than 130 medical staffs including 50 dental specialists in a total of 6 specialized dental departments including oral medicine, oral maxillo-facial surgery, preservation, prosthodontics, periodontal and integrated dental medical departments are dedicating themselves in provision of the best treatment possible. It is currently treating average of 550 patients per day with annual average of more than 130,000 patients. In particular, it is known as a hospital where customers can enjoy comfort by providing oral medical services on the basis of know-how accumulated for elderly patients.

In addition, we are operation training system for interns and residents to nurture competent personnel in the area of dental medicine. Moreover, we are putting in efforts for advancement of treatment, education and research areas by entering into MOU and holding academic symposiums with dental hospitals of Seoul National University and Yonsei University, thereby becoming a Dental Hospital acknowledge by our excellent capabilities.

A new Dental Hospital building with 4 underground floors and 5 above ground floors will be completed in 2023. Upon opening of the new Dental Hospital, we will be newly establishing implant center and scaling center in addition to the existing 6 specialized treatment centers including prosthesis department to provide even higher level of oral medical services to veterans and local residents.



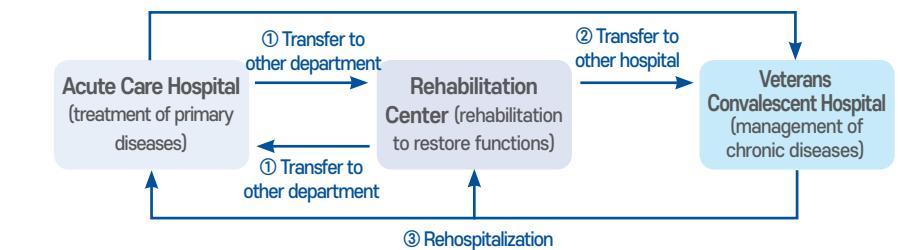
Veterans Convalescent Hospital



Considering patients first with application of highly structured system

History of Veterans Convalescent Hospital

2014 . 02	2014 . 04	2015 . 06	2018 . 11
Opened Veterans Convalescent Hospital	Opened 35-bed hospice ward of Veterans Convalescent Hospital	Transfer of the hospice ward of Veterans Convalescent Hospital to central hospital with operation of 399 beds	Newly installed isolation ward in Veterans Convalescent Hospital with 396 beds



Veterans Convalescent Hospital is equipped with approximately 160 staffs composed of medical treatment department with 9 specialists in internal medicine, family medicine, surgery, emergency medicine, neurosurgery, otorhinolaryngology and general practitioner for evening shifts, and nursing department and operational department who are dedicated to caring of patients. It is capable of providing optimal medical services and customized care for the patients under wide, pleasant and comfortable environment in 6 hospital wards situated on 1 underground floor and 8 above ground floors.

In addition, the Hospital was the first to establish collaboration system that merged acute phase and convalescence in order to provide prompt transfer to and treatment at VHS Medical Center at the time of occurrence of emergency situation during hospitalization.

Ministry of Health & Welfare
Acquisition of stage 2 medical institution certification (2019)



Acquired rank of 1 in the evaluation of appropriateness of Veterans Convalescent Hospital by the Health Insurance Review & Assessment Service for 2 years in succession (2018-2019)

69.9 points < 90.8 points
Overall average in 2019

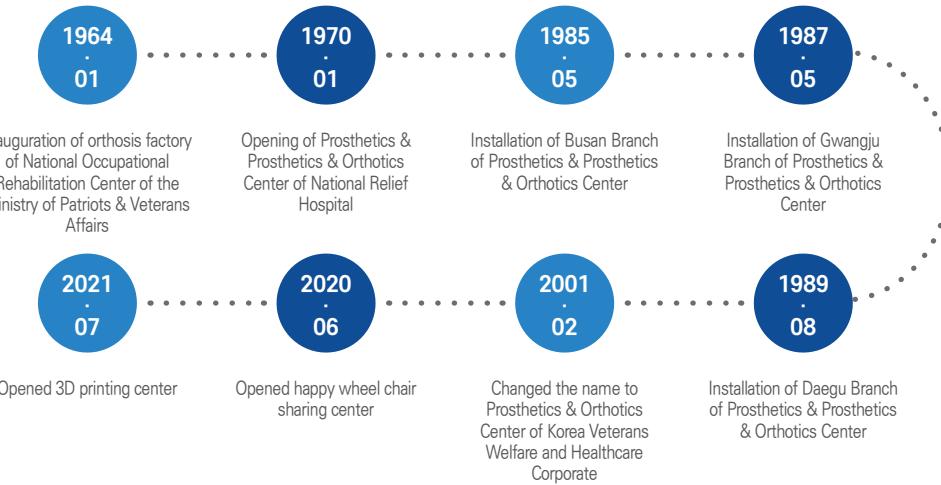


Prosthetics & Orthotics Center



Improve quality of life
with advanced technology

History of Prosthetics & Orthotics Center



Performances of Prosthetics & Orthotics Center

Prosthetics & Orthotics Center is an institution specializing in orthosis manufacturing and supply services for returning of veterans and general public with physical disability to return to daily life activities and improvement of their quality of life since its establishment in 1964. It has branches in 4 regional veterans hospital in addition to the headquarters in Seoul. It is supplying approximately 50 types of orthosis specialized for diversified areas of disabilities including artificial upper and lower limbs, prosthetics, prosthetic eyes, hearing aid and customized corrective shoes, etc.

In addition, the Center has commenced catapulting into new areas through expansion into the R&D area from the existing 4 orthosis manufacturing in alignment of the era of the 4th industrial revolution. Staffs of Prosthetics & Orthotics Center in various areas are undergoing training for new technologies at advanced orthosis manufacturing institutions in Germany and USA, etc. in order to continuously pursue technology innovation and new product development, and to lead industrialization of orthosis in Korea through collaboration with distinguished research institutions and venture companies in Korea.

Prosthetics & Orthotics Center is ceaselessly putting in efforts to improve the quality of lives not only of veterans but also those experiencing difficulties in daily life due to disability by executing 5 major national R&D projects including [Medical device commercialization certification and demonstration project], [Domestic development of smart electronically controlled artificial lower limb products] and [Development of smart external stimulator to enhance walking by Parkinson's disease patients].

| Current status of in-house development of new products and patent application of Prosthetics & Orthotics Center |

- 2018
 - Development of obstacle and danger detection device for motorized wheel chair using distance detection sensor
 - Development of multi-functional lumbosacral spine prosthetics that can be used in 3 different formats
- 2020
 - Production of female mold of the affected area of the patient for production of outer sheath of artificial limb by using 3D printing technology
- 2021
 - Development of new product with improvement of existing shoulder rotation prosthesis by reflecting the demands of users
 - Development of facial protection device for prevention of respiratory infection by using 3D printing technology

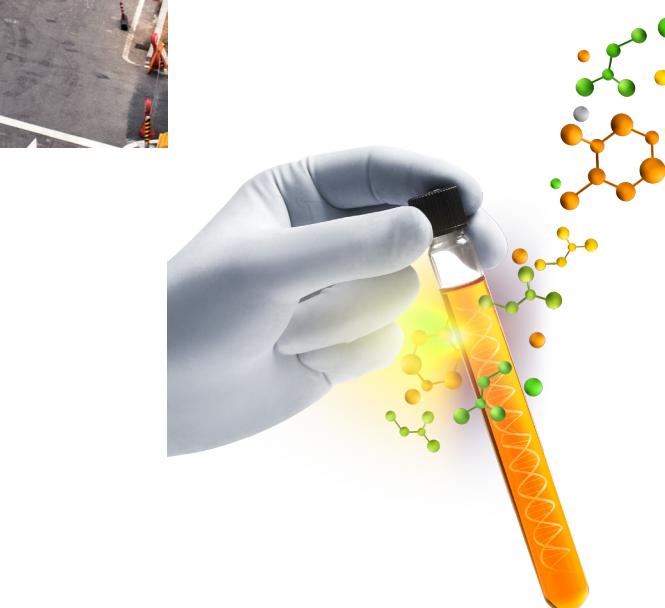


Veterans Medical Research Institute



Remunerating the improvement of medical quality with research

VHS Medical Center has established cutting-edge research facilities and system to support stable and continuous researches by specialists and researchers. Beginning with inauguration of Veterans Medical Research Institute in 2018, it is making contributions towards activation of researches related to public medical services by regularly holding public healthcare conference with participation by and exchange of opinions among the veterans medical service association and hands-on-staffs of public hospitals for sharing of academic researches and outstanding cases for further advancement of veterans medical service.



History of Veterans Medical Research Institute

2018 . 08	2018 . 12	2019 . 01	2020 . 08
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Opened Veterans Medical Research Institute
Approval and permit for opening of human-derived substance bank
Operation of 4 research departments (veterans genome, intervention clinic, cerebral medical science, and rehabilitation and orthosis)
Registration as an institution executing gene panel screening

Veterans Medical Research Institute was inaugurated in 2018 with the goals of innovating medical quality and improvement life quality by specializing in investigation of the causes and technologies for treatment of diseases related to veterans and their families, and local residents.

Since then, by collecting and storing human-derived substances (blood, etc.) and genetic information of veteran patients, and providing clinical study data by opening bio-bank (human-derived substance bank), it has been making contributions towards advancement of veterans medical science and medical industry through realization of development of new drugs and medical technologies, and precision medical services.

Moreover, it has been continuously undergoing progresses in order to play the role of the hub for public healthcare by establishing research cooperation network for joint researches through entering into work agreements with institutions in a diverse range of areas including Asan Medical Center, SK Bio Science, National Fire Research Institute and Labor Environment Health Research Institute, etc.

Veterans Medical Research Institute, by establishing big data in medical area and leading researches by securing specimens and medical information that reflect the characteristics of diseases of veterans, will become the only public medical research institution in Korea that executes social values for improvement of the national health.

| Current status of execution of internal national policy research projects |

[Unit: '000 KRW]

Categories		2018	2019	2020	As of July, 2021
Internal	No. of projects	43 cases	44 cases	55 cases	67 cases
	Budget	800,000	1,000,000	1,000,000	1,000,000
National policy	No. of projects	10 cases	9 cases	15 cases	17 cases
	Total research budget	841,000	1,168,500	3,356,000	4,604,607

| Current status of new external clinical trial projects |

[Unit: '000 KRW]

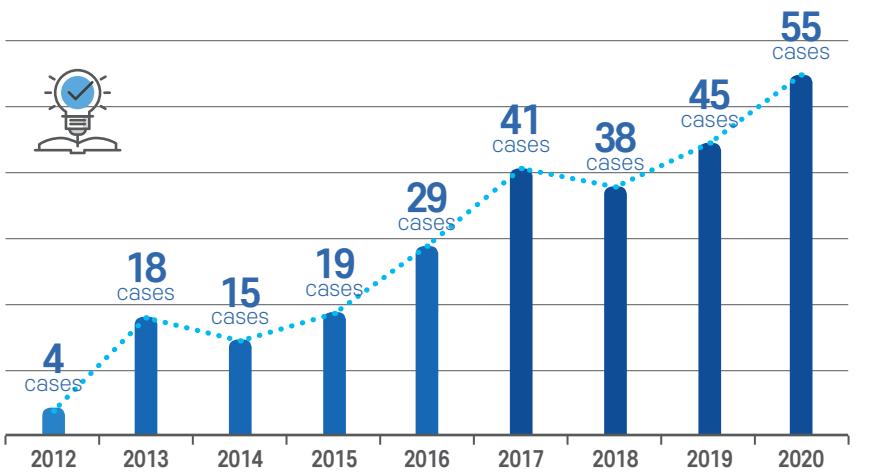
Categories		2018	2019	2020	As of July, 2021
No. of projects	36 cases	22 cases	22 cases	19 cases	
	Total research budget	1,394,680	930,367	952,557	967,845

Performances in overseas training of medical specialists

We are putting in efforts to improve medical quality by executing advanced medical researches and learning technologies by having sent 23 medical specialists in 15 medical treatment departments to overseas for further training over the last 10 years.



Presentation of SCIE theses

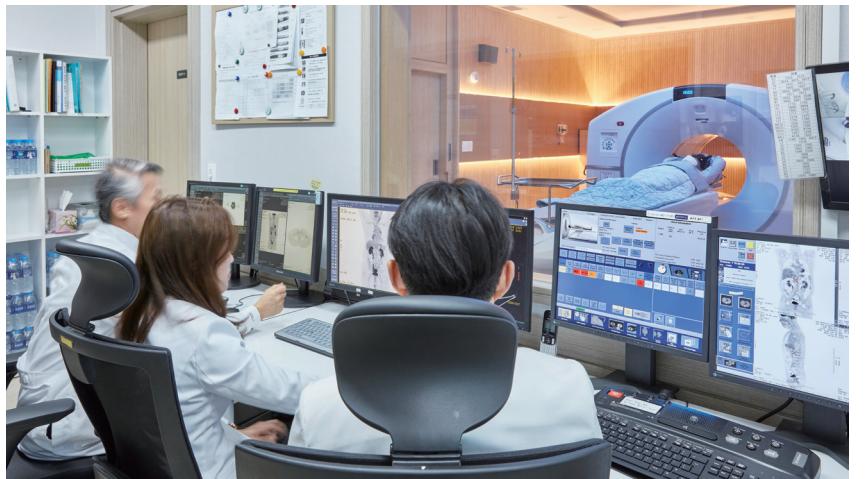
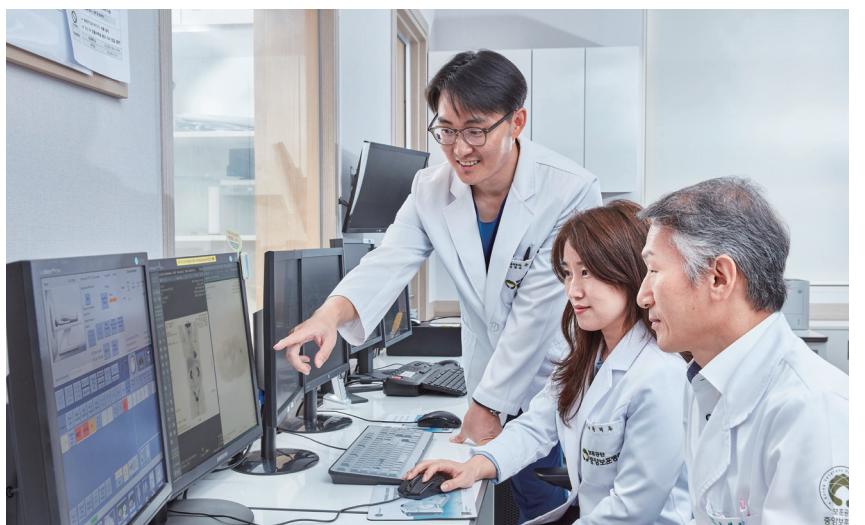


Cooperative imaging system using state-of-the-art medical equipment

The most advanced PET/CT (Discovery Molecular Imaging Digital Ready, GE Healthcare) of nuclear medicine has been performed in VHS Medical Center, and we are very proud of clinical performances in accurate diagnosis and outstanding treatments in the fields of oncology and neurodegenerative disorders.

We are able to provide many supports for diverse technologies including disease manifestation, epidemiology, diagnosis, treatment, and prediction of prognosis to numerous other medical institutions by executing cooperative studies based on the molecular imaging and bio-imaging infrastructures.

VHS Medical Center has introduced AI and Big Data-based precision medicine on the foundation of the outstanding skills of our medical staffs and advanced equipment in order to become a leading research-oriented hospital.



Communicable Disease Center



We will lead in protecting safety and health of people.

VHS Medical Center is making contribution towards establishment of national quarantine network by operating hospital ward dedicated to infectious disease and in charge of treating serious infection patients under the national crisis situations due to infectious diseases such as swine flu, MERS and COVID-19. Meanwhile, we are establishing safe medical treatment environment in order for local residents to undergo treatment within golden time through operation of public relief hospital.

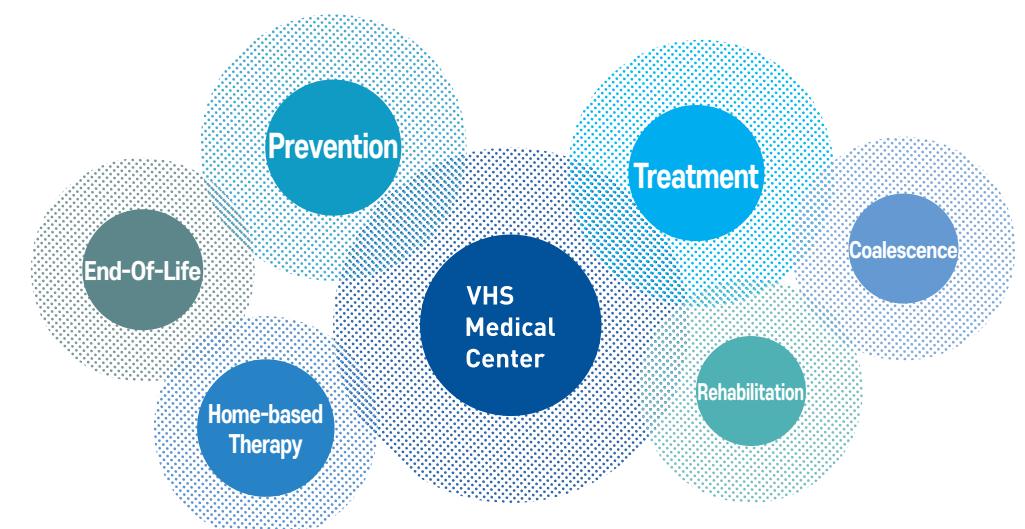
Leading countermeasures for COVID-19

2020.02	2020.09	2020.12	2021.09
Designation as public relief hospital, installation of screening center and outpatient treatment center exclusive for pulmonary medicine	Operation of daily life treatment center, and support for daily life and treatment of mild COVID-19 patients	Operation of exclusive quarantine ward and 120 beds for intermediate COVID-19 patients	Operation of intensive care unit for serious COVID-19 patients

Integrated veterans' medical and welfare services

We will offer warm hands as your partner.

Integrated veterans' medical and welfare services of VHS Medical Center is a lifelong services that provides 'prevention-treatment-rehabilitation-coalescence-home-based therapy-End-Of-Life services in accordance with characteristics of the patients by linking medical, welfare, at home and local society services. It is a lifelong health care system that will provide customized services through dispatchment of care managers (healthcare specialist) to anywhere and anytime including other hospital and homes, striving to create myth in customer satisfaction.



IMSAFE Service Model

Identification Measurement	Service planning	Action	Feedback
After consultation with care manager, register as subject for integrated services by checking qualifications such as chronic diseases, etc.	Establish customized care plan after having assessed the disease condition, health, desires and services necessary for the patient	Provide individually customized services (medical welfare service, at home service and local society support linkage, etc.)	Correct and readjust after having analyzed the condition of the patient

※ Certification of the only integrated medical and welfare service system in Korea through registration of patent and 2 trademarks for the integrated service, [IMSAFE Service Model].

We will cultivate
competent personnel to
lead the future medical
science through provision
of systematic education!

Future medical science will be led by creative
and innovative leaders.

VHS Medical Center shall fulfill our mission as a
public medical institution by cultivating sincere
and outstanding medical specialists capable of
making contributions towards advancement of
public medicine by predicting the forthcoming
changes in medical environment.



Medical Training Center



We will put efforts in cultivating smart competent persons.

Resident training

VHS Medical Center is operating highly structured resident training system to cultivate outstanding medical specialists to lead the future medical advancements. In particular, we are providing broad clinical training and diversified educational environment by operating intern program and 13 specialist training programs.



Nursing personnel development center

Nursing personnel development center of VHS Medical Center preemptively opened simulation education center that provides situations that are highly similar to actual clinical situations at public medical institutions in April 2019 to establish framework for cultivation of competent nursing personnel. As such, we are putting in efforts to strengthen the work capabilities of nurses currently in employment and prevention of resignation of new nurses through education on standardization of evidence-based nursing works, and improvement of the quality of nursing and safety of patients through development of nursing education system for each category of level of experiences of nurses and enhancement of educational quality, etc.

Joyous serving and beautiful world



Health life, creating a world where everyone is happy together.

Make a
Beautiful world
with Happy
service 

VHS Medical Center practices heart-warming veterans services by providing social contribution programs specialized for medical and welfare services. We are implementing sharing of medical practices throughout the world transcending the boundaries of Korea by playing the role of health safety network for the local residents and supporting the alienated classes of our society as a public medical institution.

Fulfilling the mission of public medical institution for the local society

Support for youth science camp & in-depth science classes at high schools in Gangwon region



Veterans Medical Research Institute provides practical experiences for bioscience techniques through holding classes on DNA collection, PCR (alcohol degradation and caffeine gene) experiment and human genome project lectures for elementary, middle and high school students. Moreover, we are putting in efforts to generate social values by holding special lectures in the areas of science and medicine by visiting regions with inadequate infrastructures.



Medical volunteer activities in 1-company:1 outlying village sisterhood village project of city-farm interaction

VHS Medical Center has forged sisterhood relationship with Myeongdeok Village in Sosu-myeon, Goesan-gun, Chungcheongbuk-do since 2006 to provide assistance in activation of regional farming households through diversified interactions including medical volunteer activities, helping hands at farms and direct trading of agricultural produces.



Health guardian for adolescents

We are providing orthosis to adolescents of low income classes with severed limbs for free in Korea, and medical services to adolescents outside the school system experiencing difficulties by being alienated from the society after having dropped out of school prematurely.



Expand health lectured by visiting the subjects

We are continuously establishing and operating lifelong education programs including health lectures that are appropriate for the characteristics of subjects including veteran's family, senior welfare center, children and adolescents by visiting them.



Implementing beautiful medical practices in all corners of the world, transcending the boundaries of Republic of Korea

No. of beneficiaries for overseas medical volunteer activities

7,951 persons

2001~2019

Overseas medical volunteer activities

VHS Medical Center has been engaging in medical volunteer activities in China, Russia, Vietnam, Kyrgyzstan and Kazakhstan every year over the last 20 years since 2001. Moreover, we are inviting the descendants of independence patriots living in overseas countries for whom treatment and surgery are difficult due to poor medical environment they are living in to VHS Medical Center for treatments needed.

In addition, specialist orthosis technician of VHS Medical Center is dispatched to overseas countries to manufacture and present orthosis customized to patients with severed limbs in overseas unable to use orthosis due to their difficult financial situations. VHS Medical Center shall continue to implement beautiful medical practices in all corners of the world with respect not only for veterans residing in Korea but also for the descendants of independence patriots residing in overseas countries.



Medical support for vulnerable social classes

We are providing support for cost of treatment, medical drugs and devices to socially vulnerable classes unable to undergo appropriate treatment in timely manner due to economic difficulties.



'Medi-class', a future career search activity

We are providing opportunities for middle school students to search and design their future career path on their own by experiencing diversified occupations by visiting the facilities of veterans hospital through linkage with free-semester system at middle schools in Korea.

VHS Medical Center Treatment Departments & Clinics

