

What's up, Doc?

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DR LE QUANG HUY Joins FV Hospital's Orthopaedics & Hand Surgery Department

Dr Le Quang Huy graduated from the University of Medicine, Hue in 2011, and, in 2015, achieved a Masters of Medicine in Surgery. From 2017, Dr Quang Huy went on to study a PhD in Medicine, Traumatology Surgery, at the Medical University of Innsbruck based in Austria. His thesis was titled: Biomechanical Comparison of Fixation Techniques for Transverse Acetabular Fractures - Single-Leg Stance vs. Sit-to-Stand Loading, under the instruction of Professor Micheal Blauth, which was published in the magazine, Injury, in July, 2020.



Furthermore, Dr Le Quang Huy has also participated in training courses in Traumatology and Orthopaedics at Tartu University Hospital, Tartu, Estonia, in 2013 and since 2018, has been a member of AOTrauma-AOFoundation Orthopaedic Injuries Association. Furthermore, from 2011 to 2017, Dr Le Quang Huy was the senior lecturer in Human Anatomy at University of Medicine, Hue.

Dr Quang Huy has specialised experience in the treatment of osteoarthritis, specifically in the management of fractures in the elderly, and Minimally Invasive Osteosynthesis (MIO). He is renowned for being a highly skilled specialist who is dedicated to his patients and has treated many cases successfully.

With nearly 10 years of experience, Dr Le Quang Huy has worked in Orthopaedics and Traumatology, Hue University Hospital, Vietnam, 2011 to 2017; Department of Trauma Surgery and Sports Medicine, Tirol Kliniken GmbH Hospital, Innsbruck, Austria since 2017 to 2020; and in October, 2020, Dr Le Quang Huy joined the Orthopaedics & Hand Surgery Department of FV Hospital.

FV Hospital is happy to welcome Dr Le Quang Huy as a fantastic new addition to FV's Orthopaedics & Hand Surgery Department. With his expertise and experience, he will be able to significantly improve the lives of patients with bone injuries.



To make an appointment with Dr Le Quang Huy, Orthopaedics & Hand Surgery Department please contact: **028 5411 3333, ext: 1540**

FV LAUNCHES HEALTHCARE SERVICES AT HOME



FV Hospital launches its own healthcare home service to help patients recover at home after they have been discharged from FV Hospital. This service applies to patients in Ho Chi Minh City who have been treated at FV Hospital and are advised by their doctor to have medical care or samples taken after being discharged. With the same high-quality healthcare services provided at FV Hospital now being offered in the comfort of patients' homes, patients can feel relaxed and reassured. One of the major advantages of this service is it can be performed at patients' homes or in fact anywhere where the patient feels it's comfortable



and convenient for them. In addition, such services are carried out by qualified and experienced FV medical staff, ensuring effective caring and testing which meets the hospital's strict medical standards.

These services are suitable for numerous cases, such as pregnant women, postpartum pregnant woman, mothers with new-born babies, post-surgery patients, patients with chronic diseases who need to be monitored and consulted regularly with doctors, or patients who have an inability with their movement.

Those who are hospitalized at FV Hospital can register directly for the homecare service with a nurse after being discharged.



For more information about this service, please contact the service's hotline **0962 627 826**

SUCCESSFUL TREATMENT OF LARYNX CANCER THROUGH VMAT RADIOTHERAPY TECHNOLOGY

100-YEAR-OLD PATIENT WITH Colonic Damage Caused By The Blockage Of Superior Mesenteric Artery Saved

Mrs T.T.H., a 100 year old patient from Ho Chi Minh City, was promptly operated on by doctors of FV Hospital, when she was found to have a narrowed superior mesenteric artery which had stopped functioning. This caused the necrosis of almost all the patient's entire small intestine. Thanks to the coordination of FV's General Surgery, Imaging, and Vascular Surgery & Phlebology Departments, Mrs T.T.H. was able to receive the treatment she needed.

Visiting FV's A&E Department with abdominal pain, the patient was examined by Dr Le Duc Tuan, FV's General Surgery Department, and underwent a CT scan of the abdomen. Due to her age, being frail, and her history of cardiovascular and kidney diseases, however, doctors considered not using a contrast to avoid affecting the kidneys. In spite of the scan without contrasting, Dr Pham Dinh Khuong, FV's Imaging Department, with years of experience in imaging diagnosis, suspected that the patient had a blockage in her upper mesenteric artery which was caused by lumen calcification and atherosclerosis.

Due to her chronic conditions and age, treating Mrs T.T.H.'s case was particularly difficult. Dr Le Tuc Tuan conducted an endoscopy to determine the necrotic intestinal segment and invited Dr Luong Ngoc Trung, FV's Vascular Surgery & Phlebology Department, to hold a consultation in the operating room to make the decision on the surgical removal of the necrotic bowel. This exact and timely decision saved the patient through a critical crisis. The patient was anesthetized, after laparoscopy, and doctors found that most of the small intestine was purple due to anaemia, with some areas also having necrosis. Dr Le Duc Tuan subsequently undertook a surgical procedure to remove over 1.5 meters of the intestines.

After the removal, the doctor, accepting the risk of leaking, decided to reconnect the rest of the intestine, instead of exposing the intestine to make an artificial rectum. Dr Tuan explained, "If we made an artificial rectum, the intestine would be cut too close to the stomach which would mean that food would not be digested on time, causing burns to the skin and making the body not able to absorb any nutrition from the food". Fortunately, after two hours, the operation was successful and the reconnected intestine recovered significantly.

After the surgery, the patient was monitored and treated with active resuscitation for 10 days at FV's General Surgery Department and her condition improved with no more abdominal pain. Now, the patient continues to receive medical treatment and uses anticoagulants to reduce the thrombosis that causes embolism. Overall, however, Mrs T.T.H.'s health has significantly improved. She can now sit, walk, eat and excrete normally.

 To make an appointment with Dr Le Duc Tuan
General Surgery Department, **please contact**
(028) 54 11 33 33 ext 1250

Ms Nguyen Thi Lan, a 53-year-old woman from Ho Chi Minh City, initially started suffering from a cough which became very painful and lasted for a considerable amount of time. Soon after, she then detected a lump on her neck, and thought that her incessant coughing must have caused an infection within her blood vessels. After visiting many medical institutions, however, Ms Lan was given the devastating news that she in fact had cancer on the base of her tongue. One doctor who Ms Lan met recommended FV's Hy Vong Care Cancer Centre for further treatment. Whilst there, after examinations and tests, Dr M'Barek diagnosed Ms Lan with stage three adrenal cancer, which had spread to the metastasis of her neck.

After a consultation with specialists, based on Ms Lan's CT scans which showed the large size of the tumour, to treat her, the doctors decided to apply chemotherapy and radiation at the same time. On the 15th of October, 2018, Ms Lan started to undergo the first rounds of chemotherapy to reduce the size of the cervical lymph node. After the fourth chemotherapy session, the assessment showed that the size of the tumour reduced by 50%, from 14x10mm to 11x5mm, while the cervical lymph node had also reduced from 22x18mm to 10x8mm. Importantly, Ms Lan's body was able to respond to nearly 50% of the treatment. However, when entering the combination treatment simultaneously with the radiation regime, the tissues in her neck showed signs of sensitivity and excessive redness. This caused her pain, and subsequently she was unable to eat or drink. Therefore, the doctors decided to provide intravenous nutritional support, topical care, and modifications to her radiation treatment.

After many treatment steps, which lasted until April, 2019, Ms Lan was able to conquer cancer thanks to the use of the VMAT radiotherapy method, with its high precision and suitable adjustment protocol. Ms Lan is now able to talk and eat normally again, and visits Hy Vong Cancer Care Centre regularly for check-ups.

VMAT is a radiotherapy technique which transforms the digital dose in the form of a single supply and multi-supply to accurately locate the shape and size of the tumour in combination with the CT 4D imaging technique. This helps calculate the optimal radiation dose for the radiation therapy to destroy the tumour without damaging surrounding healthy tissue, thus minimizing side effects in patients. The dose on the healthy tissue, such as parotid gland, greatly decreases compared to previous techniques and saves the time needed to apply radiation by up to 50%, while also doubling the therapeutic effects.

 To book an appointment with Dr Basma M'Barek,
Hy Vong Cancer Care Centre, **please contact**
(028) 54 11 33 33 ext 5000