

What's up, Doc?



DOCTOR NGO LONG PHI JOINS FV'S MAXILLO-FACIAL SURGERY & DENTAL DEPARTMENT

DR Ngo Long Phi graduated from University of Medicine and Pharmacy, Ho Chi Minh City in 2013. Since then, Dr Ngo Long Phi has participated in advanced training courses for: Maxillo-Facial Surgery, National Hospital of Odonto-Stomatology (2016), Implantology, Hospital of Odonto-Stomatology (2017), Plastic and reconstructive surgery, Military Medical University (2021).

With nearly 10 years of experience in the maxillo-facial surgery, the Dr Ngo Long Phi hopes to contribute to building a safe, effective and aesthetic

maxillo-facial surgery department, based on his expert analysis with the support of technology to bring the expected outcome.

Dr Ngo Long Phi used to work at Thu Duc Hospital, Ho Chi Minh City (2014-2018); Plastic Surgeon, Odonto – Stomatology and Reconstruction, Kangnam Plastics Surgery Hospital (2018-2020); and Diva Dental Surgeon since 2020. From March 2022, Dr Ngo Long Phi joined the team of maxillofacial surgeons, Maxillo - Facial Surgery & Dental Department, FV Hospital.



To make an appointment with Dr Ngo Long Phi, Maxillo - Facial Surgery & Dental Department **please contact: (028) 5411 3435**

THE ELECTROPHYSIOLOGY & LIVER TRANSPLANTATION

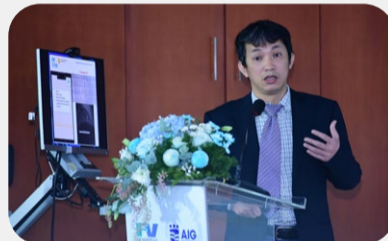
Symposium Provided Many Opportunities For Future Medical Cooperation

On the 23rd July 2022, FV Hospital successfully organised a symposium addressing Cardiac Electrophysiology & Liver Transplant Surgery with the participation of doctors working in Ho Chi Minh City and neighbouring provinces. This conference was the first step marking the cooperation between FV Hospital and AIG Hospital (India).

AIG Hospital (<https://aighospitals.com/>) is one of the leading hospitals in Asia, and also a provider at one of the highest positions in the world for the treatment of cardiovascular and digestive diseases, liver and gallbladder diseases, pancreas and especially liver transplant surgery delivering thousands of successful cases. This conference brought a vast amount of new knowledge, and clinical experience, delivered by experts and doctors from AIG Hospital, 108 Military Central Hospital, Children's Hospital 1 and FV Hospital.

In the first session, the presentations from Ho Minh Tuan, MD, MSc (Head of Cardiology Department - FV Hospital) and Doctor Hoang Quang Minh (Senior Doctor of Cardiology Department - FV Hospital) showed the remarkable progress FV's Cardiology Department in recent years for the treatment of arrhythmias and the management of cardiovascular interventions. The construction of the Cathlab, the development of imaging techniques such as Cardiac CT, development of procedures to deliver cardiovascular interventions, and application of advanced guidelines in the world and even the large investment Holter machine.

The second half of the first session; Bui Gio An, MD, MSc (Head of Cardiac Rhythm Unit – Cardiology Center, Children's Hospital 1) presented "Indications and effectiveness of RF arrhythmia intervention in children", a topic that has not yet been widely available in Vietnam. In the final topic of this session, Dr C. Narasimhan (Head of Cardiac Electrophysiology & Consultant Cardiology at AIG Medical Center), who is one of the pioneers in cardiac electrophysiology in India presented a broad cross-section from general to detailed information for cardiac arrhythmias, and suggested treatment techniques from medical to surgical intervention, for each specific case and recommended that doctors should be careful notice.



In session two the workshop was moderated by Specialist Level II, Dr Bui Nhuon Quy (Head of Gastroenterology & Hepatology Department of FV Hospital). The focus of session two revolved around liver transplantation surgery, focusing on the method that has been shown to increase survival with better outcomes, for liver patients after treatment. The first report in session two presented the treatment of alcoholic liver diseases, by Dr Mithun Sharma (Director of the Centre for Liver & Regenerative Medicine - Senior Consultant on Liver Transplantation at AIG Medical Centre). Next, the report of Specialist Level II, Dr Phan Van Thai that showed an overview of liver surgery at FV, as well as plans to develop surgical techniques for liver diseases. In the last two reports of the conference, one of Vietnam's leading experts for liver transplantation, Le Van Thanh, MD, PhD (Director of the Department of Liver, Gallbladder and Pancreatic Surgery at 108 Central Military Hospital), who is a world-class expert that has participated in more than 3,000 liver transplants, Dr P. Balachandran Menon (Director of the Department of Transplantation, Liver Transplant & Hepatobiliary Surgery AIG Medical Center), presented the latest developments and advances in liver transplantation techniques in Vietnam, India, as well as the general situation world over.

The symposium on Cardiac Electrophysiology & Liver Transplantation brought new and useful knowledge to the doctors in attendance. Thereby seen as the first step, opening up for the upcoming cooperation steps between FV Hospital and AIG Hospital in particular, as well as between Vietnamese medicine and Indian medicine in general. In the end, it shall bring the benefit of effective treatment for patients, thanks to modern medical techniques delivered at reasonable costs right here in Vietnam.

TREATMENT OF NASAL TURBINATE HYPERTROPHY VIA HIGH FREQUENCY CURIS® TECHNIQUE AT FV *Safe, Less Invasive, A Shorter Recovery Period*



FV's Otolaryngology Department is one of the few hospitals in Ho Chi Minh City which offers CURIS® technology, which minimises submucosal burning of the lower nasal tuck by utilising high-frequency waves. CURIS® is the latest version of Sutter's high radiofrequency ablation machine, a minimally invasive product which combines the most advanced technologies to provide a high degree of surgical precision, enable faster healing and ensure patients benefit from a shorter recovery period.

Due to its RaVoR™ volume reduction mode and a specialised nasal coil, doctors can reduce tissue volume accurately and on-target. By using radiofrequency to induce ionising energy injury in the submucosal tissue of the nasopharynx and create scarring, the total tissue volume is reduced with very little impact on the surrounding tissues.

Another benefit of the radiofrequency ablation method when compared with traditional methods is that the

procedure is relatively quick and painless, causing less bleeding in the tissue, ergo reduced scabbing. Nasal mucosal function is also better preserved.

Many cases benefit from treatment with high frequency waves

When excessive swelling of the nose causes infection, nasal congestion and many other health problems, the doctor may intervene to burn the lower nasal bridge, specifically, in the following cases:

- Sleep apnoea, when the patient has difficulty wearing a nasal CPAP mask due to nasal obstruction caused by hypertrophy of the nasopharynx.
- Nasal congestion due to hypertrophy of the nasal mucosa
- Nasal congestion and excessive rhinorrhoea due to or related to nasal hypertrophy.
- Chronic rhinitis unresponsive to medical treatment.
- Enlarged nostrils and mucus stasis after rhinoplasty, trans nasal endoscopy or septum correction.

In addition to its main capability of accurately burning nasal tissue, the CURIS® machine is also used FV Department of Otolaryngology's to treat many other diseases, such as:

- Bipolar tonsillectomy
- Treatment of snoring by submucosal burning and oropharyngeal orthodontics (RF UPPP), shrinking the bottom of the tongue ...
- Surgery of the larynx, epiglottis

 To book an appointment at the Otolaryngology Department, **please contact: (028) 54 11 34 41 or (028) 54 11 33 33, ext 7711**

SPHENOPALATINE ARTERY SURGERY

Treatment Of Recurrent Nosebleeding For 90 Year-Old Patient




Patient D.T.O. 90 years old (Ho Chi Minh City) suffered from nosebleeds many times, although she received medical treatment for some time and received hemostatic intervention, her condition still did not improve. By October 2021, the patient was admitted to the hospital at FV with a large number of recurrent nosebleeds and was diagnosed by Dr. Vo Cong Minh - Head of Otolaryngology Department as recurrent nosebleeds due to chronic sinusitis. After assessing the medical condition, reviewing the medical history along with the patient's age, Dr. Vo Cong Minh decided to perform semi-urgent sphenoid artery ligation surgery for definitive treatment.

The patient is under general anesthesia to perform the surgery. Doctor Vo Cong Minh used endoscopic method to expose palatal sphenoid artery and performed ligation of this artery to prevent recurrent bleeding. The palatal butterfly is an artery located on the lateral wall of the floor of the middle skull,

supplying blood to the sinus system through two main branches, the nasopharynx branch, which brings blood to the nasopharynx and the septum branch. Chronic sinusitis will cause the lining of the sinuses to swell, be vulnerable to damage and cause bleeding. The procedure was completed after 1 hour, the patient was discharged from the hospital two days later and there was no more recurrent nosebleed.

According to Dr. Vo Cong Minh, there are many methods to stop nose bleeding such as placing anterior and posterior nasal wicks, placing double balloons, electrocoagulation... Along with the development of endoscopy, the technique of ligation of the palatal sphenoid artery has helped the patient's disease. safe and effective definitive treatment of recurrent nosebleeds. The advantage of this method is that it is less invasive, has a fast recovery time, instead of using the previous open surgical technique, it is necessary to open the posterior wall of the maxillary sinus to access the sphenopalatal artery and the internal maxillary artery causing trauma. and damage the structure of the patient's skull.

Nosebleeds are one of the most common emergencies in Otolaryngology. There are many causes of nosebleeds such as high blood pressure, blood clotting disorders, trauma to the maxillofacial region, tumors, etc. or many cases of unknown cause called spontaneous nosebleed. Most cases of nosebleeds are mild to moderate, usually self-limited or can be cured with medical treatment. However, there are some cases of severe or recurrent nosebleeds that, if not treated thoroughly, will affect the patient's health. The doctor will prescribe the palatal sphenoid artery ligation technique for cases of severe, recurrent nosebleeds or after the failure of other methods of hemostasis.

 To book an appointment with Dr. Vo Cong Minh – Head of Otolaryngology Department, **please call : (028) 54 11 34 41 or (028) 54 11 33 33, ext 7711**

Timely Care Saves The Life Of Singapore Tourist **SUFFERING FROM A RARE HEART ATTACK**

Ho Minh Tuan, MD, MSc - Head of Cardiology Department of FV and his team promptly saved the life of a Singapore tourist suffering from an acute myocardial infarction. The patient had a complete embolism of the left coronary artery; which is a rare disease, accounting for only 0.5% of emergency myocardial infarction cases.

Singaporean patient Chen C.Y, 49 years old, came to the FV's Accident & Emergency Department with angina in the left chest area with sweating with gradually decreasing blood pressure (90/60mmHg, then 80/50mmHg). The patient reported having chest pain for 1 hour before coming to the hospital. After the electrocardiogram indicated signs of myocardial infarction, the emergency room quickly activated the alert to the Cardiovascular Intervention team, urgently taking the patient to the Cardiac Cathlab.

The patient's condition continued to worsen with extremely dangerous signs, the blood pressure continued to drop, and the patient immediately underwent a coronary angiography. Coronary angiography under the digital subtraction angiography (DSA)



showed complete occlusion of the left coronary artery; immediately, a micro-catheter was inserted through the artery to quickly resolve the obstruction.

Dr Ho Minh Tuan said that the main branch of the left coronary artery is the route that supplies 70-80% of the blood to the heart; in this patient's case there was a complete occlusion of the main left branch, a rare and very dangerous form, there is only one such case in about 300-400 normal cases. If patients hesitate and self-monitor at home, most will die or go to the hospital in the state of hypotension, pulmonary oedema, cardiogenic shock and arrhythmia, some people die right in the emergency room as we are unable to resuscitate them. "Determining the emergency situation, we immediately inserted the balloon angioplasty, re-established blood flow to ensure the survival of the myocardium, and then quickly placed a stent to protect the coronary artery. After the stent was placed, the patient's life was saved. Up to now, the patient no longer has angina, eats normally and can talk light walks.

In similar cases, according to the medical literature, the most important thing is to make the most of the time allowed to save the patient's life. "The international standard is that from the time the patient is admitted to the hospital to the end of the surgery, it must be less than 90 minutes. But FV sets a higher criterion, 70 minutes. In this particularly dangerous case, we took advantage of every second to save the patient's life. With thanks to the smooth implementation of the emergency procedure, the total duration from the time the patient was present at the emergency room to the time he

was admitted to the Cathlab room was just over 10 minutes, and from the time of cardiac catheterisation to stent placement took less than 25 minutes. The team took advantage of the precious time to save the patient and minimise any complications of the disease," emphasised Dr Ho Minh Tuan.

From November 1, 2021, FV Hospital in collaboration with the Ho Chi Minh City Social Insurance has expanded the scope of medical examination and treatment by State Health Insurance for high-tech treatment services at the Cardiac Intervention Center (Cardiac Cathlab) FV as:

- *Imaging, dilation and stenting of coronary arteries, mesenteric arteries, renal arteries...*
- *Digital subtraction angiography (DSA)*
- *Electrophysiological investigation and treatment of arrhythmias with conventional high-frequency waves*
- *Install, replace, and update permanent pacemakers, defibrillators (ICDs) and cardiac resynchronizers (CRTs)*
- *Other procedures according to the technical list approved by social insurance*

With this cooperation, the patient can be covered by Social Insurance up to 45% of the treatment costs at FV Hospital according to the provisions of the social insurance, including the costs of surgery and transplant supplies, medical equipment and consumables



To schedule a cardiac examination,
please contact, (028) 5411 3467
Emergency: (028) 5411 3500