



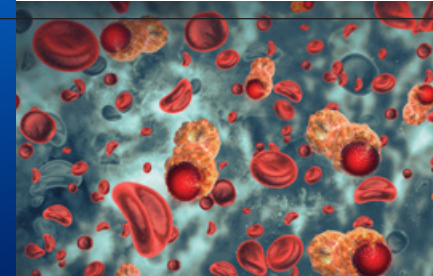
## Bangkok Hospital

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# ADVANCED DIABETIC WOUND CARE

[www.bangkokhospital.com](https://www.bangkokhospital.com)



## Advanced Diabetic Wound Care Bangkok Hospital



### OVERVIEW

**Advanced Diabetic Wound Care** at Bangkok Hospital offers a complete range of diabetic foot care conducted by our expert vascular surgeons specialized in acute and chronic diabetic wounds. Multidisciplinary team supported by cutting-edge technology stands ready to provide effective treatment and rehabilitation planning designed by medical team, patients and families, enabling reduced chance of limb amputation while improving patient's quality of life and restoring patient's mobility.



### WHY CHOOSE US?



Preventive  
Foot Care



Wound Healing  
and Infection  
Management



Restoring  
Blood  
Circulation



Promoting  
Patient's  
Quality of Life



### OUR GOALS



Minimized risk of lower  
limb amputation, e.g.  
foot, toe and leg caused  
by diabetes



Effective control of  
blood sugar levels by  
multidisciplinary team



Improved patient's  
quality of life



### OUR SERVICE HIGHLIGHTS



Treatment of acute  
and chronic wounds  
caused by diabetes



Managing infections  
caused by diabetes



Treating vascular  
diseases using advanced  
endovascular approach  
and bypass surgery



### WHAT WE TREAT



Gangrene  
Non healing ulcer

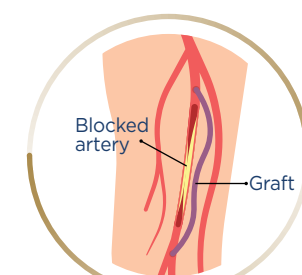


Cross section of  
plaque reduces  
blood flow

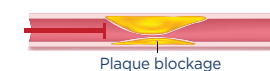


Cross section of  
plaque blocked  
blood flow

Critical Limb  
Ischemia



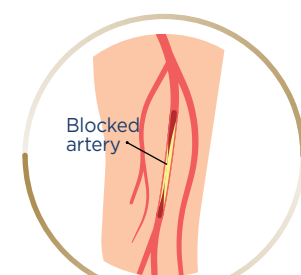
Before bypass surgery



After bypass surgery



Peripheral Vascular  
Bypass (PVB)



PAD Artery  
reduces blood flow

Balloon inflated  
to expand stent

Stent expanded  
result is increased  
blood flow

Endovascular  
Revascularization



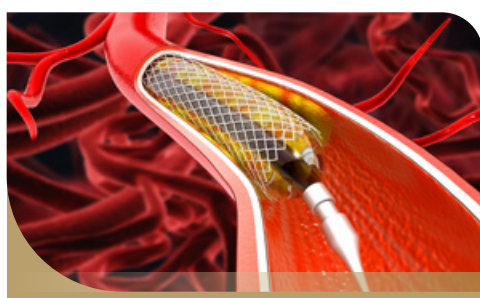


## ADVANCED TREATMENTS AND TECHNOLOGIES



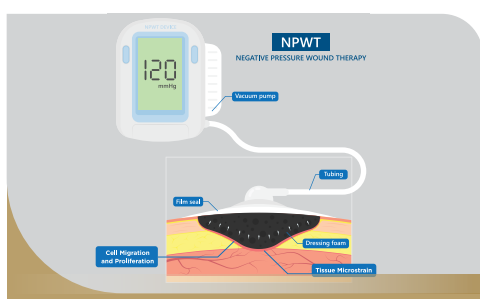
### CO<sub>2</sub> Angiography without Kidney Damage

A novel radiographic technique for vascular diagnostics and interventions in which CO<sub>2</sub> based contrast medium is used, allowing no adverse effects on the kidneys or the immune system.



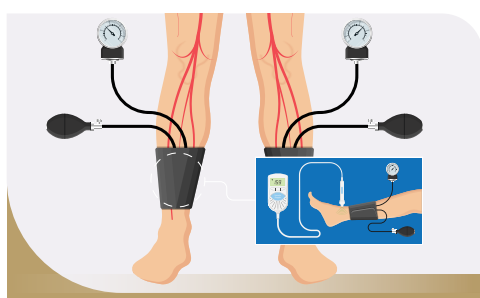
### Balloon Angioplasty

A minimally invasive endovascular procedure used to widen narrowed or obstructed arteries or veins without surgery.



### Negative Pressure Wound Therapy (NPWT)

Creating an environment that promotes the wound healing process by stimulating growth of tissue. Negative pressure also helps pulling fluid and bacteria out of a wound, enabling the wound to heal better.



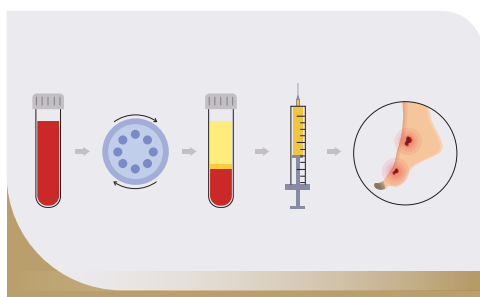
### Vascular Screening and Diagnostics

Vascular screenings are essential assessments used to evaluate the health and functionality of blood vessels, enabling an accurate diagnosis.



### Transcutaneous Oximetry (TCPO<sub>2</sub>)

Transcutaneous oximetry is a non-invasive method of measuring the oxygen level of the tissue below the skin in order to assess blood perfusion used to guide for appropriate treatment option.



### Platelet-Rich Plasma (PRP) Therapy

An autologous biologic treatment that harnesses the regenerative properties of concentrated platelets to accelerate the healing of chronic wounds.

**15%**  
of diabetic patients  
develop diabetic  
ulcers in the foot  
and ankle

**80%**  
of lower limb  
amputations are a  
result of diabetes  
complications

The risk of limb amputation  
in diabetic patients is  
**15-20 TIMES**  
higher than that in general  
population

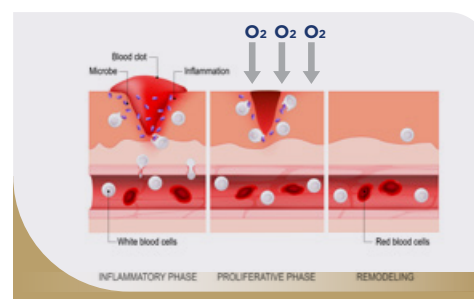


Reference: Center of Disease Control and Prevention (CDC) and Cleveland Clinic



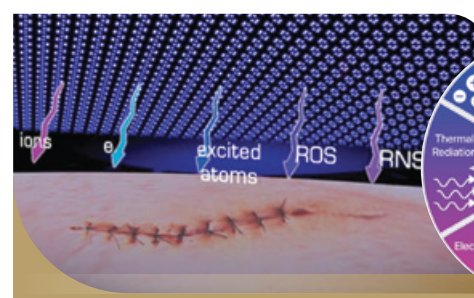
### Hyperbaric Oxygen Therapy (HBOT)

Enhancing the body's natural healing process by inhalation of 100% oxygen in a pressurized environment. This therapeutic approach increases tissue oxygen availability in the tissue while promoting wound healing. Our hyperbaric chambers can accommodate patients up to 318 kg.



### Oxygen - Releasing Materials

Advanced medical devices designed to deliver continuous topical oxygen directly to chronic wounds. It can enhance repair efficiency and promote tissue regeneration, leading to improved wound healing rates and minimized risk of serious complications.



### Dielectric Barrier Discharge (DBD) Cold Atmospheric Plasma

A novel non-thermal technology that generates ionized gas directly over the wound surface by applying high-voltage alternating current across electrodes separated by an insulating dielectric layer.



## EXPERT SPECIALISTS

### Vascular Surgery & Wound Care



**Dr. Pongpol Sriphan**

Vascular surgeon & Transplant surgery



**Dr. Wasupong Sridermma**

Vascular surgeon & Hyperbaric oxygen therapy specialist

### Endocrinology



**Dr. Sithiphol Chinnapongse**



**Dr. Chanunporn Wipudhsiri**

### Nephrology



**Dr. Manoch Techachokwiat**



**Dr. Kraisith Arya**

### Infectious Diseases



**Dr. Paithoon Boonma**



**Dr. Ubonvan Jongwutiwes**

### Neuro-Ophthalmology



**Dr. Chotipat Danchaivijitr**

### Cardiology



**Dr. Donpichit Laorakpongse**



## EXPERT SPECIALISTS

### Rehabilitation Medicine (Custom Orthotics)



**Dr. Narathorn Soponprapakorn**

### Orthopedics (Foot & Ankle)



**Dr. Apisan Chinanuvathana**

### Ophthalmology



**Dr. Weeraya Pimolrat**



### OUR OUTCOMES OF TREATING DIABETIC FOOT

**380**  
chronic  
wounds/  
year



We treat more than **380 chronic wounds/year** by expert wound care specialists and multidisciplinary team

**88**  
%

**88%** of chronic wounds can be completely healed within 6 months

**96**  
%

**96%** of patients with chronic diabetic foot do not need to undergo amputation



### Enriching Lives and Preserving Mobility

Regular foot care alongside good diabetes management closely supervised by multidisciplinary team plays a crucial role in reducing the risk of being amputated.