

MEET OUR DOCTORS

PROF. DATO' DR. ABU YAMIN BIN KHAMIS

Consultant Cardiothoracic Surgeon

MD (UKM), MS (UKM), Fellowship Cardiothoracic (M'sia), Adult Cardiac (Melbourne), Paediatric CTS (Bangalore), Minimally Invasive Cardiac Surgery

MMC No.: 33716 | NSR No.: 130651

Location

Level 5, Room 508



Language: English | B. Melayu | B. Indonesia

To make an appointment

+604 217 5588

<https://nheartshospital.com>

Operating Hours

Monday - Friday

Saturday

Sunday and Public Holidays

8:30am to 5:30pm

8:30am to 1:00pm

Closed

Prof. Dato' Dr. Abu Yamin bin Khamis is a distinguished and versatile cardiothoracic surgeon with a diverse background in clinical practice, education, and leadership. With over two decades of experience and involvement in more than 6,000 surgeries, his wealth of expertise is unparalleled. Currently serving as a Consultant Cardiothoracic Surgeon at Northern Heart Hospital Penang, Dr. Abu Yamin's career spans several prominent medical institutions both locally and internationally, highlighting his extensive expertise and adaptability in the field.

Dr. Abu Yamin earned his medical qualifications from reputable institutions and gained extensive experience working alongside numerous world-leading experts. He has served in several prestigious hospitals, including the National Heart Institute (IJN), General Hospital in Malaysia, and Narayana Hrudayalaya in Bangalore, India. His clinical expertise is complemented by his leadership roles, where he has played a pivotal role as an advisor and clinical instructor in developing cardiothoracic services in Malaysia. Additionally, he has served as a consultant in high-profile hospitals across the region, including in Jeddah, Saudi Arabia, and Melbourne, Australia, further enriching his global experience.

Dr. Abu Yamin has made significant contributions to medical education. He has held academic roles as an Adjunct Professor at the Faculty of Medicine, Universiti Tunku Abdul Rahman, and at the University of Malaya, one of Asia's top medical schools. Additionally, he serves as a senior supervisor for the cardiac training program under the Royal College of Surgeons of Edinburgh, mentoring the next generation of surgeons. His expertise in minimally invasive surgeries has made him a highly sought-after facilitator, conducting training for surgeons both in Malaysia and internationally.

Dr. Abu Yamin is a pioneer in minimally invasive cardiac surgeries in Malaysia and has invented several surgical techniques that have improved outcomes and patient care, particularly in valve repair and redo surgeries. In addition, he excels in coronary artery surgery through

CARDIOTHORACIC SURGERIES (Heart & Lung Procedures)

performed by Prof. Dato' Dr. Abu Yamin

- **Pioneer in Minimally Invasive Heart Valve Surgery** – Repair and replacement with a small scar and no bone cutting.
- **Pioneer in Minimally Invasive Coronary Artery Bypass Surgery (CABG)** – Performed without bone cutting for improved recovery.
- **Expert in Repeat (Redo) Heart Surgery** – Specialising in minimally invasive procedures for mitral and tricuspid valve surgery.
- **Inventor of Minimally Invasive Pulmonary Valve Implantation** – Developed for patients following Tetralogy of Fallot repair.
- **Coronary Artery Surgery in Ischaemic Heart Failure** – Incorporating Platelet-Rich Plasma (PRP) for enhanced recovery.
- **Co-physician in Structural Heart Procedures** – Including Transcatheter Aortic Valve Implantation (TAVI).
- **Pioneer of Minimally Invasive VATS Lobectomy in Malaysia** – Advancing lung cancer surgery with reduced trauma.
- **Expert in Minimally Invasive Thoracic Procedures**, including:
 - Pectus excavatum correction
 - Hyperhidrosis (excessive sweating) treatment
 - Rib plating and chest wall reconstruction
- **Minimally Invasive Surgery for Complex Cardiac Conditions**, including:
 - Cardiac tumours
 - Congenital heart defects (hole in the heart)
 - Hypertrophic Obstructive Cardiomyopathy (HOCM)
- **Performs Congenital Heart Surgery and Emergency Neonatal Heart Surgery**, including:
 - Pacemaker insertion
 - Shunting procedures for critically ill newborns

various approaches, including minimally invasive techniques, heart failure management, total arterial revascularisation, and off-pump surgery. He is also highly skilled in endoscopic techniques for vein harvesting. His advanced surgical expertise and commitment to innovation have earned him recognition as a regional leader in minimally invasive cardiac surgery.

In addition to his clinical and educational contributions, Dr. Abu Yamin plays an active role in shaping cardiothoracic surgery services at the national level. He is also involved in academic research, leading the analysis of PRP use in stimulating the myocardium after revascularisation. His leadership and dedication to improving surgical outcomes continue to make a significant impact on Malaysia's healthcare landscape.