

MUHAMMAD ZAKWAN HASIF SHARUDDIN

KM 14, Jalan Kenanga, Kampung Tambak Paya • 75460, Melaka • 0184634393
• zakwan_hasif@yahoo.com



▼ Objective

Over 9 Years experiences in Diagnostic Lab & Invasive Catheterization Lab. Self-motivated, efficient, resourceful and reliable under pressure. Detail oriented and resourceful in the completion of tasks with ability to multi-task effectively.

▼ Experience

JANUARY 2015 – NOVEMBER 2015

Technician • KPJ Selangor Specialist Centre

NOVEMBER 2015 – OCTOBER 2018

Cardiac Technician • Tropicana Medical Centre

OCTOBER 2018 – MAY 2019

Cardiac Technician • Kuantan Medical Centre

MAY 2019 – JUN 2023

Cardiac Technician • Thomson Medical Centre

JUN 2023 – CURRENT

Senior Cardiac Technician • Pantai Hospital Batu Pahat

▼ Education

KOLEJ ISLAM SAINS DAN TEKNOLOGI, BACHOK KELANTAN

- Diploma of Cardiovascular Technologist in 2014 (CGPA 3.54)

▼ Skill

Diagnostic Lab / Non-invasive Cardiac Lab

- Echocardiography, Holter Monitoring, Ambulatory Blood Pressure Monitoring, Stress Test, Dobutamine Stress Echo, Stress Echocardiography.

Invasive Lab / Invasive Catheterization Lab

- Hemodynamic Monitoring, Intra-Aortic Balloon Pump, Temporary Pacemaker,

Professional Skills

- Advanced Cardiovascular Life Support (ACLS) – Oct 2025
- Basic Life Support (BLS) - Mar 2025

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▼ Equipment Used

Non-Invasive Lab / Diagnostic Lab

Equipment	Types
Echocardiography	• Phillips Epiq CV-x (3D) • Phillips (Epiq 7C • Toshiba (Artida) • Phillips (IE33) • GE (Vivid T8)
Stress Echocardiography / Dobutamine Stress Echocardiography	• Phillips Epiq CV-x (3D) • Phillips (Epiq 7C • Toshiba (Artida) • Phillips (IE33) • GE (Vivid T8) • Norav • GE
Exercise Stress Test	• Norav • GE
Holter	• Norav • GE • Mortara • Cardioscan
Ambulatory Blood Pressure Monitor	• GE • Norav

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Invasive Cardiac Lab / Catheterization Lab

Hemodynamic System	• Siemens • Phillips • GE
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▼ Responsibilities

Skill Area : Diagnostic Lab / Non-Invasive Cardiac Lab

Skill Area	Responsibilities	Applications
Echocardiography	• Performing and Preliminary reporting • Imaging Modes : -2D / 3D imaging -M-mode imaging -Doppler imaging • Continuous-wave (CW) Doppler • Pulsed-wave (PW) Doppler • Tissue Doppler Imaging (TDI)	Cardiac Assessment :- • Intra cardiac shunt • Intra cardiac mass • Systolic / diastolic dysfunction • Wall motion abnormalities • Valve assessment • Infective endocarditis • Pericardial effusion • Hypertrophic cardiomyopathy
Stress Echocardiography / Dobutamine Stress Echocardiography	Imaging-modes : 2D imaging	• To Evaluate Wall abnormally
Holter	Performing and analyze rhythm	• Rhythm Analyze
Exercise Stress Test	Performing and preliminary reporting	• To evaluate the prognosis functional capacity of patients with CAD

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Skill Area : Invasive Catheterization Lab (ICL / Cath Lab)

Skill Area	Responsibilities
Hemodynamic Monitoring	• Assessment of Patient • Monitoring Pressure during procedure • Documentation Procedure
Intra-Aortic Balloon Pump (IABP)	• Machine Troubleshoot • Set-up Machine • Monitoring Pressure
Intra-vascular Ultrasound (IVUS)	• Troubleshoot Machine • Assessment of procedure
Defibrillator	• External Pacer Placement • Assist for cardioversion
Temporary Pacemaker	• Assist Cardiologist • Set-up TPM

▼ Reference

Name : Khalidah binti Kamaruddin
Position : Cardiovascular Technologist
Company : Pantai Hospital Batu Pahat
Phone No : 017-8767869

Name : Mohd Idham bin Mat Lazim
Position : Unit Manager
Company : Pantai Hospital Batu Pahat
Phone No : 012-9621594

Name : Muhammad Umair bin Abd Razak
Position : Unit Manager
Company : Thomson Hospital Kota Damansara
Phone No : 012-3831710

Name : Dr Haizal Haron Kamar
Position : Cardiologist
Company : Thomson Hospital Batu Pahat
Phone No : 012-3831719