

THE

ALFA *horizons*

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MYPHLEBO
PIONEERING PRE-
ANALYTICAL
SOLUTION SYSTEM



INTRODUCING
ENERGIUM
NEW STAR, HENE

ALFA DIAGNOSTIK
STRIVING FOR
SMARTER HEALTHCARE
ECOSYSTEM

from the table of..

Managing Director

This bulletin marks an important milestone in Alfa Diagnostik's journey since our founding in January 2013, a journey driven by passion, innovation, and commitment to excellence in the healthcare industry.

Our success is built on the dedication of our team of professionals, whose collective expertise ensures that every solution we deliver meets the highest standards of quality and service. Guided by our vision to create a customer-first environment and our mission to provide professional services, diversified solutions, and innovative products, we remain committed to supporting the evolving needs of healthcare with integrity and care.

On behalf of Alfa Diagnostik, I thank you for your trust and partnership. We look forward to growing together and continuing to set new benchmarks in healthcare and laboratory solutions.



It gives me great pleasure to welcome you to the inaugural edition of the Alfa Diagnostik bulletin, THE ALFA HORIZONS.



ALFA
DIAGNOSTIK



EN. MOHD AZLI BIN YUSOP
Managing Director
ALFA DIAGNOSTIK SDN. BHD.



Alfa Diagnostik Sdn Bhd,
your trusted partner in the
world of healthcare &
laboratory solutions.

Founded in January 2013, we embarked on a journey driven by a passion for excellence in the medical laboratory industry. Our story is one of dedication, innovation and unwavering commitment to the highest standards of service.

PIONEERING Pre-Analytical Software Solution (MyPhlebo)

Alfa Diagnostik Sdn Bhd has made an innovation system as a solution to overcome the Pre-Analytical errors.



With over 180 installations in medical facilities across Malaysia, MyPhlebo solution has proven compatibility with the Medical Programme Information System (MPIS) and the Laboratory Information System (LIS).

180+
INSTALLATIONS



ELEVATING Temperature Monitoring System with ALFAGT PRO

Developed by us, our temperature monitoring system delivers accurate, real-time data automatically, simplifying the entire process. This continuous stream of information ensures temperatures remain within the proper range and comply with safety protocols at all times.

With **ALFA GT PRO**, you are always in control. Monitor, analyze, safeguard your temperature-sensitive goods effortlessly and ensures precise tracking.

Quality Assurance Consultation



Alfa Diagnostik Sdn Bhd provides quality assurance consultation towards MS2702 & ISO15189 certification.

Introducing **ENERGIUM** new STAR!

HENe



HENe is an automated device that prints sample information on labels, attaches it to tubes automatically, and prints labels with printed patient information. The software's user interface makes it easier to perform blood collection tasks such as patient calling, verification, sample information verification, and statistical analysis.

HENe Duo



By combining the Duo unit with HENe, the discharged trays are distributed in the corresponding direction, allowing two pathologists to use them on both sides simultaneously.

ENERGIUM VARIANTS



GNT9 Series

The GNT9 Series is a blood collection automation solution that automatically attaches and provide tubes with labels attached, extra labels and patient identification labels. There are 3 types of GNT9 Series | GNT9 | GNT9-KBU | GNT9-TDU



HENm

HENm automatically provides medical technicians with essential items required for a phlebotomy (tubes with specimen labels attached, specimen labels and patient identification labels) based on the phlebotomy information recorded in the MyPhlebo and HIS



HEND

HEND is a small labeller that automatically attaches the sample information printed label to the tube and provides the patient information printed label. All the sample information will be sent to MyPhlebo and HIS (Hospital Information System)

REIMAGINING IQC: THE POWER OF AI IN A MODERN LAB

By: APPLICATION DEPARTMENT

In clinical labs, AI is more than just a futuristic idea. It's a useful tool that can handle large amounts of quality control (QC) data, detect small changes before problems happen, and reduce human error in interpreting results.

Instead of relying only on manual checks or Westgard rules, AI offers real-time, predictive quality control. As lab processes grow more complex, using AI is not just helpful, it's vital for boosting efficiency, lowering risk, and maintaining reliable, high-quality outcomes

AI Tool	What it Does
Cha(GPT (OpenAI)	Reviews Levey-Jennings charts or IQC logs to find trends or bias
Gemini (Google)	Reads graphs and detects early signs of performance drift
DeepSeek	Spots patterns and gives ideas for root causes or CAPA

AI TOOLS FOR SMARTER QC

SMARTER QC: INTERPRETING IQC DATA WITH AI

In traditional labs, IQC data is reviewed using Levey-Jennings charts and Westgard rules. This process depends on manual checks, which can be slow and prone to errors, especially in busy or complex labs.

AI changes this by automating QC data analysis. It learns from past trends and can spot small shifts before they lead to problems. AI also combines data from different instruments or locations, giving a full, real-time view of lab performance.

Unlike fixed rules, AI adapts and improves over time. It helps labs stay ahead of issues, reduce risk, and work more efficiently. AI doesn't replace lab experts, it gives them faster, smarter support to make better decisions. As healthcare becomes more focused on data, using AI in QC isn't just helpful, it's key to keeping quality high and labs strong for the future

ALFA DIAGNOSTIK EVENTS



Exhibitor at 2nd International LEAN Healthcare Conference @ Bertam Resort



Exhibitor at National Pathology Conference 2024 @ Klana Resort Seremban



Alfa Diagnostik Family Day at Gopeng Rainforest Resort



Two sets of HENm at KK Ampang for Outpatient Department & Mother Child Department



Networking Night with Alfa Diagnostik's Stakeholders



Healthcare: The Next Frontier at Kuala Lumpur Convention Centre



Booth Visit by Dr Ummi Kalthom, Selangor Health Director during Bulan Keselamatan & Kesihatan Pekerjaan Selangor @ HPUPM



Continuous Medical Education (CME) of MyPhlebo & PASS at Hospital Pontian



Quality Training at Pusat Kesihatan Daerah Timur Laut, Pulau Pinang



Introduction of innovative Temperature Monitoring System, ALFAGTPRO at Hospital Parit Buntar



CME of MyPhlebo & PASS at Hospital Canselor Tuanku Muhriz

FEATURES



POSTER PRESENTATION BY
DEPARTMENT OF PATHOLOGY,
HOSPITAL MELAKA AT 2024
NATIONAL PATHOLOGY
CONFERENCE

Alfa Diagnostik Sdn. Bhd. is honoured to have been featured in a study conducted by the Department of Pathology, Hospital Melaka, on the “*Impact of Automated Labelling System in the Pre-Analytical Phase at the Outpatient Phlebotomy Center in Hospital Melaka*”. The study was presented at the 2024 National Pathology Conference, held at Klana Resort, Seremban.

BICARA ADSB
MAKMAL PATOLOGI KIMIA: MEMBANTU
PENJAGAAN KESIHATAN UNGGUL BY MR. HAJI
SAIRI SATARI, PEGAWAI SAINS KIMIA HAYAT

Alfa Diagnostik Sdn. Bhd. is also honoured to have invited Mr. Haji Sairi Satari to share his insights and knowledge on Chemical Pathology Laboratory: Supporting Excellence in Healthcare.

You can read all his insights on Alfa Diagnostik Sdn. Bhd.'s Facebook page by scanning the QR code here.



EFFECTIVE LAB MANAGEMENT: SAFETY, QUALITY AND COMPLIANCE COURSES

The program focuses on ensuring best practices in laboratory safety, quality control, and compliance with regulatory standards. For more info, email info@alfadiagnostik.com.my