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RECENT DEPLOYMENTS



CMH Specialist Hospital

In 2022, NSCMA celebrated its 90th anniversary, upholding the tagline "Healing, Caring, and Serving." CMH Specialist Hospital provides high-quality, compassionate services, committed to improving patients' well-being and supporting the community through welfare initiatives.

Products Used:

- Origin HIS
- Origin EMR



Damai Service Hospital (HQ)

Founded in 1981 by Dato' Dr. Guna Sittampalam, Damai Service Hospital in Kuala Lumpur provides quality, affordable healthcare across 10 specialties, serving over 400,000 patients with 55 inpatient beds.

Products Used:

- Origin HIS
- Origin EMR



Sunway Medical Centre Damansara

Sunway Medical Centre Damansara (SMCD), a 300+ bed tertiary hospital in Kota Damansara, aims to provide patient-centered care, strengthening Sunway Healthcare Group's capacity to offer advanced, high-quality healthcare services regionally.

Products Used:

- Origin HIS
- Origin EMR

RECENT DEPLOYMENTS



Assunta Integrated Social Services (ASSISS)

"Healing thousands of lives and giving comfort to the Poorest of the Poor since 1954," Assunta Hospital has built a legacy of community service through ASSISS, offering palliative, geriatric, wound care, stroke, and welfare programs.

Products Used:

- Origin CIS

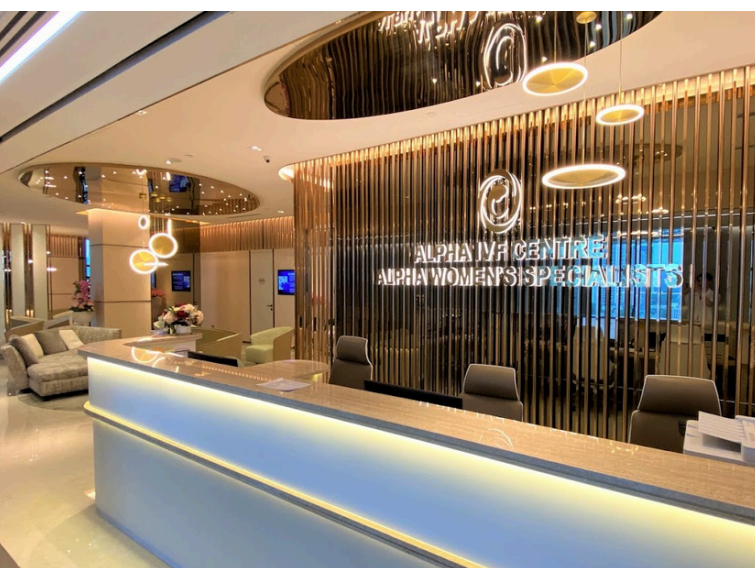


NSCMH Dialysis Care

Established in 2014, aims to improve the health and quality of life for kidney disease patients. The centre focuses on monitoring satisfaction and clinical indicators to ensure high-quality care.

Product Used:

- Origin CIS



Alpha IVF & Women's Specialists

Previously known as Alpha Fertility Centre, is a leading fertility center in Malaysia, offering advanced treatments like IVF, genetic testing, egg donation, and AI-enhanced embryo selection, with numerous global achievements and high success rates.

Products Used:

- Origin CIS



ORIGIN'S NEWS

Launch of the Next-Gen Smart Ward at Mahkota Medical Centre (MMC)

builds upon Origin HIS incorporating IoT devices and digital workflows to improve the patient care experience.



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IS WORKFLOW AUTOMATION THE FUTURE OF HEALTHCARE?



By Brendan Kong Sien Howe

Automation has steadily infiltrated many aspects of our daily lives, changing how we perform tasks and manage our time. One area where automation can have a particularly profound impact is in healthcare, where clinical workflow automation is reshaping the efficiency and effectiveness of medical practices. While automation is not new in the workforce, its application in healthcare holds the potential to significantly improve patient outcomes, reduce administrative burdens, and increase overall operational efficiency. However, there remains plenty of room for improvement, as many healthcare sectors are still plagued by inefficiencies, low digital adoption and have yet to fully realize the transformative capabilities of automation.

WHAT IS AUTOMATION?

Clinical workflow automation refers to the use of technology to streamline and standardize processes in medical environments. These workflows often involve complex, repetitive tasks such as patient record management, queue management, appointment scheduling, billing, and claims processing. Traditionally, these tasks were performed manually by healthcare staff, leading to **inefficiencies, errors, and significant time consumption**. With automation, many of these processes can be optimized, allowing healthcare providers to focus more on patient care and less on administrative duties.

One of the key advantages of clinical workflow automation is the reduction of human error. In a field where accuracy can be the difference between life and death, even the smallest discrepancy in data entry or diagnosis can have catastrophic consequences. Automated systems, guided by algorithms and machine learning, can ensure greater precision in handling patient records, medications, and diagnostic tests. This reduces the risk of error and enhances patient safety.



HOW CAN AUTOMATION OPTIMIZE CLINICAL WORKFLOWS?

Clinical workflow automation speeds up patient processing by enabling quicker admissions, discharges, and improved communication between departments. By integrating systems within healthcare settings, data can be shared seamlessly, reducing manual input and delays in care. Additionally, automation eases the administrative burden on physicians, nurses, and staff, allowing them to focus more on patient care, enhancing quality and reducing staff burnout, a significant concern in healthcare today.

Nonetheless, while the benefits of clinical workflow automation are clear, there are challenges associated with its implementation. One of the primary concerns lies in ensuring that the technology used is reliable and interoperable across various systems. In many hospitals, disparate systems exist, which can hinder smooth data exchange. For automation to be successful, healthcare institutions must be willing to digitize, digitalize, and undergo digital transformation, investing in technologies that can integrate seamlessly with existing infrastructure and adapt to future advancements.

In short, clinical workflow automation presents a transformative opportunity for healthcare. The overall benefits to both patients and healthcare providers make clinical workflow automation an essential advancement in the medical field. As healthcare systems continue to evolve, embracing automation will be key to **improving efficiency and ensuring high-quality care** in the future.