



The state of medical care in Bangladesh is a complex issue that demands attention on multiple fronts. While building hospitals is essential, it is equally important to develop systems that ensure efficient and accessible healthcare for all. A facility alone does not resolve the deeper challenges—without well-structured service delivery and technological integration, solutions may introduce new complications instead of resolving existing ones.

In Dhaka, efforts are underway to enhance healthcare accessibility and quality through a new medical facility. Designed with a focus on modern treatment methods and patient-centered care, it aims to address gaps in the existing system. With advancements in medical technology and a structured approach to healthcare delivery, such initiatives have the potential to improve outcomes for a wide range of patients. Bangladeshi healthcare professionals work tirelessly, though they face significant resource constraints. The challenge extends beyond infrastructure to encompass efficiency, innovation, and better management.

While the road to comprehensive healthcare reform is long, steps like these reflect progress in bridging the gap between medical needs and available services. Ensuring that quality treatment reaches those who need it most remains a priority in shaping the future of healthcare in Bangladesh.

United Medical College Hospital Ushers in a New Era of Healthcare for Bangladesh

Imagine a Bangladesh where world-class healthcare is not a dream, but a reality. That vision is becoming a reality with the advent of United Medical College Hospital in the soon-to-be heart of Dhaka. This isn't just another 300-bed hospital - it's the beginning of a new era in healthcare, a beacon of hope for millions.

Addressing a Critical Need

Bangladesh faces significant challenges in its healthcare system. Many struggle to access quality care with just 5.26 doctors per 10,000 people, far below WHO recommendations. United Medical College Hospital, the flagship facility of United Healthcare Services Ltd., steps in as a powerful solution, bringing state-of-the-art facilities and expertise to the heart of the nation.

"Our goal is to provide quality healthcare to the entire nation, not just a privileged few," says Nizamuddin Hasan Rashid, Managing Director of United Healthcare. "We are committed to creating a holistic healthcare ecosystem bringing all medical services under one unified entity."

A Journey Through Advanced Technology

Walking into United Medical College Hospital would be like stepping into the future. The diagnostic capabilities are astonishing. At its core is the Siemens Magnetom VIDA, a 3 Tesla MRI system with 64 channels providing detailed imaging of the spine, brain, heart, and other parts of the body with dedicated channels for each organ. Unlike CT scans, this high-grade MRI emits no radiation, prioritizing patient safety. Imagine needing a complex scan and being able to have it done with the utmost precision and care, right here at home.

The fully automated radiology department features portable X-ray machines capable of taking 1,200 images on a single charge. Women's health sees a significant advancement with 3D mammography (tomosynthesis), which produces 3D images instead of traditional 2D scans, often eliminating the need for invasive biopsies.

Perhaps most impressive is Bangladesh's first fully automated laboratory, operating without human intervention. Imagine samples traveling through a pneumatic tube system throughout the facility, which reduces human error and speeds up results. This means faster diagnoses and quicker treatment plans - a crucial factor in saving lives.

Every Second Counts at Emergency Care

In emergencies, time is of the essence. The hospital's emergency department sets new standards with 23 beds, a fully equipped operating theater, HEPA filters for air purification, and on-site dialysis capabilities. Each bed is equipped with weight-sensing technology, allowing patients to be weighed without moving, which enables immediate medication based on body mass index.

These groundbreaking beds are also capable of providing CPR, and the department utilizes X-ray-proof stretchers. For patient transport, the hospital has introduced double partition isolation ambulances, ensuring safe transport during infectious disease outbreaks - a vital factor in today's world.

A Holistic Approach to Healing

The hospital's diagnostic capabilities include ultrasound, ECHO, ETT, ECG, and a state-of-the-art AI-powered CATH lab featuring the latest model launched this year. For patients with kidney disease, the facility offers 63 dialysis beds distributed across multiple floors - making it the only hospital in Bangladesh with dialysis facilities on every floor. The high-end B.Braun machines come with Sustained Low-Efficiency Dialysis (SLED) options, a crucial treatment for severe snakebite cases.

Inventively so, every bed in the hospital can be transformed into an isolation chamber, providing unprecedented infection control flexibility.

Battling Cancer with Precision

Cancer treatment takes a giant leap forward at United Medical College Hospital. The hospital combines PET CT technology for precise cancer zone identification with Accuray technology that adapts to cell movement, protecting healthy tissue during treatment. Unlike conventional treatments that might damage surrounding tissue, this system targets cancerous cells from multiple angles with pinpoint accuracy, requiring only minimal skin incisions. This means fewer side effects and more effective treatment.

Additionally, the hospital will be equipped with CyberKnife technology for radiosurgery and neurosurgery - a more flexible alternative to Gamma Knife that can treat tumors throughout the body with incredible accuracy.

Surgical Excellence and Patient Comfort

With 19 operating theaters serving all departments, the surgical facilities feature cancer-detecting OT lights and laparoscopy machines that can identify cancerous tissue during procedures. The hospital will also introduce Da Vinci surgical robots, making it reportedly just the fourth hospital worldwide with this capability.

Every operating room is equipped with external suppression systems, NAFCO-certified fire doors, and specialized gas circulation systems to ensure patient and staff safety even in emergencies.

For those seeking premium care, United Medical offers 900-square-foot VIP cabins, the size of a small apartment in Bangladesh, with dedicated laboratory services, X-ray rooms, and diagnostic equipment on the VIP floor, allowing patients to receive all services without leaving their rooms.

The facility boasts the largest and most advanced nurse call system in the world, unprecedented in the subcontinent. Every door in the hospital uses sensor-based technology, enhancing infection control and convenience.

Quality extends to every aspect of operations, with a top-tier Central Sterile Services Department (CSSD), smart laundry systems with chute technology, and German-manufactured patient monitors instead of more common Asian alternatives.

A Vision for Accessible Healthcare

Abu Raihan Al Beruni, Chief Financial Officer of United Healthcare Services Ltd., emphasizes the institution's inclusive approach: "Our objective is to make primary, secondary, and tertiary healthcare accessible to all, ensuring that no patient is left behind."

This commitment extends to professional development, as Nizamuddin Hasan Rashid explains: "We believe in fostering the young talent of Bangladesh by recruiting fresh graduates and guiding them to become skilled doctors, nurses, brand executives, and professionals across various sectors."

United Healthcare Services Ltd. is committed to building a comprehensive healthcare ecosystem that addresses the full spectrum of patient needs. This vision is realized through its diverse clinical network, including United Medical College Hospital, United Healthcare Hospital at United City, Medix in Dhanmondi, and MA Rashid Hospital in Jamalpur, ensuring accessible, high-quality care across regions.

Beyond direct medical services, United Healthcare strengthens the future of healthcare through United Medical College and United College of Nursing, shaping the next generation of medical professionals. It also drives innovation with Medipac, a pioneering medical equipment brand revolutionizing Bangladesh's healthcare technology. Additionally, Wellbeing, the pharmacy chain, enhances access to quality medicines, ensuring greater convenience and affordability for patients.



“ An Integrated Healthcare Ecosystem Touching Every Life

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Nizamuddin Hasan Rashid
Managing Director
United Healthcare Services Ltd.

The Future of Healthcare in Bangladesh

"Patients will no longer need to travel abroad for world-class healthcare," says Dr. Ajmal Quader Chowdhury, Associate Director of Medical Services. "United Healthcare is committed to delivering the highest standard of medical services right here in Bangladesh."

As United Medical College Hospital prepares to open its doors, it stands as more than a medical facility. It represents a defining moment in Bangladesh's progress. For Bangladeshis, this institution embodies national pride and achievement, demonstrating the country's capability to create healthcare

facilities that rival those in the most developed nations. The hospital serves as a testament to Bangladesh's rising ambitions and its commitment to the well-being of its citizens.

From a global perspective, United Medical College Hospital positions Bangladesh as an emerging leader in healthcare innovation within the subcontinent. The integration of technologies like Da Vinci surgical robots, AI-powered diagnostics, and fully automated laboratories places Bangladesh on the world map of advanced healthcare providers, challenging perceptions

and setting new benchmarks for what is possible in a developing nation.

With round-the-clock specialist availability ensured by its medical college affiliation, this institution heralds the beginning of a new era in Bangladeshi healthcare—one where citizens no longer look abroad for medical excellence, and the world looks to Bangladesh with newfound respect and admiration.

The future has arrived in Bangladesh, and it begins at United Medical College Hospital.