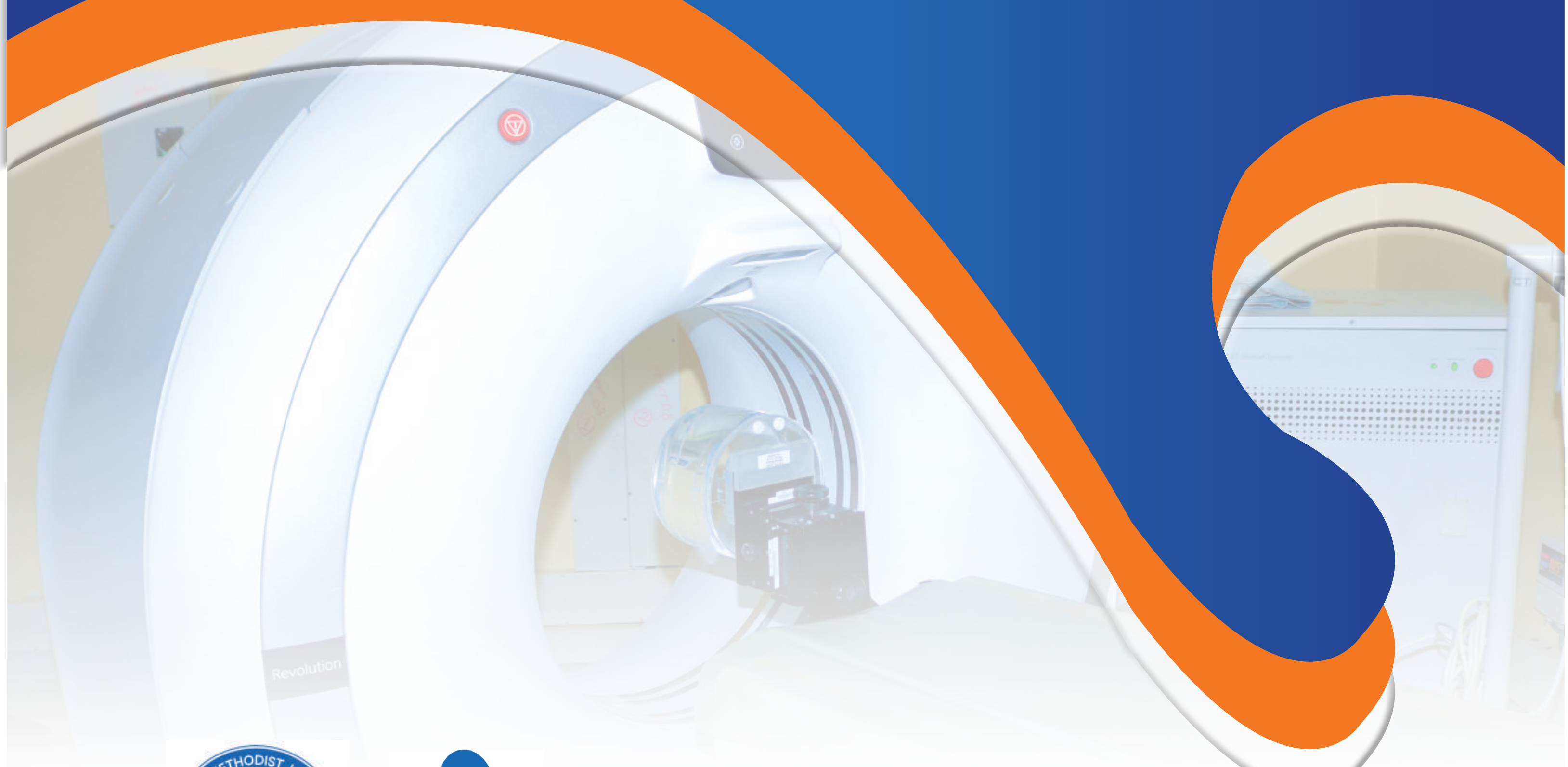
THE BIG 8 AGENDA

A Transformational Journey Led by a Vision for Better Care



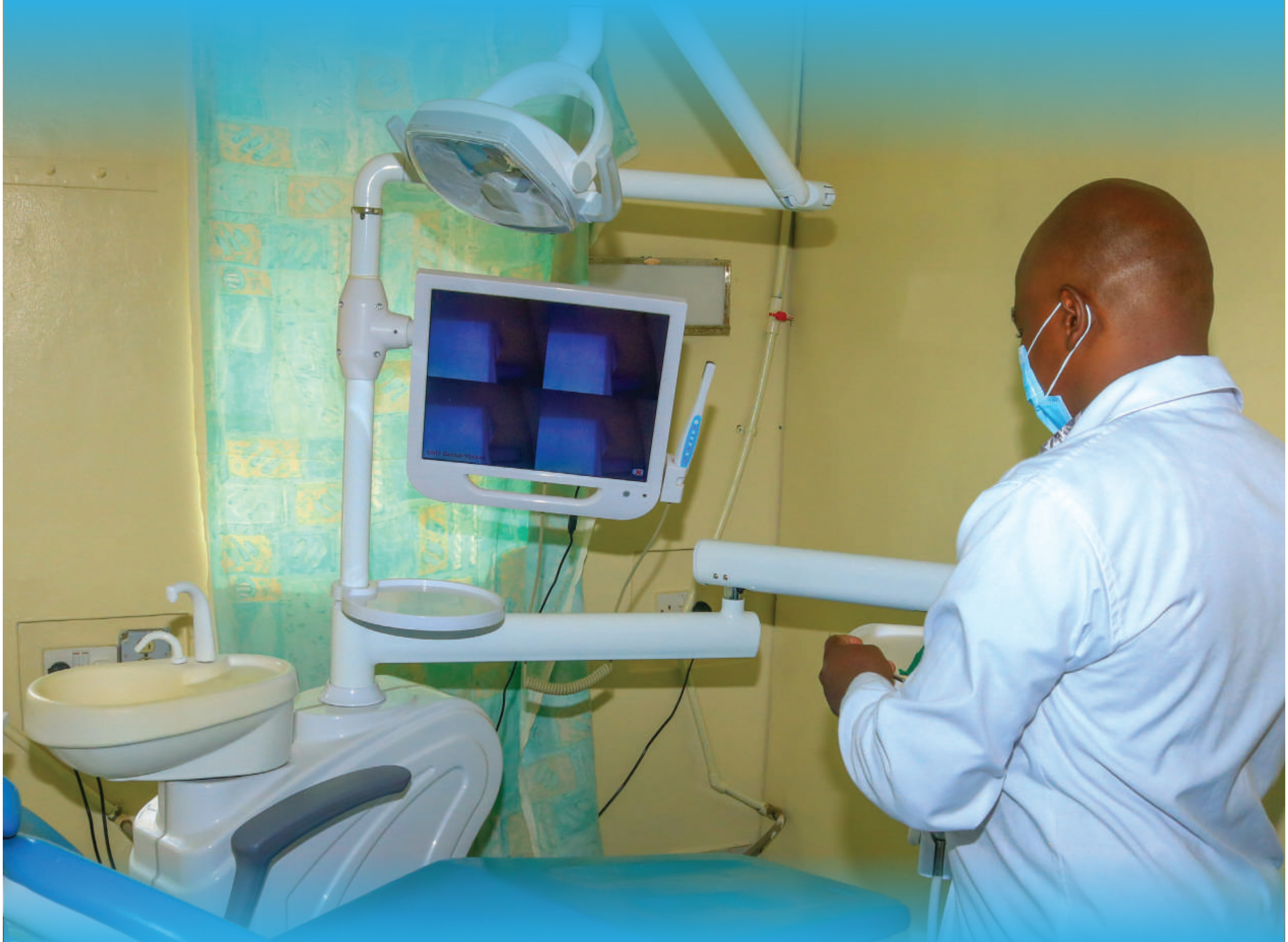
MAUA METHODIST HOSPITAL

Compassionate, faith-based care

THE BIG 8
AGENDA

MAUA METHODIST HOSPITAL

Sharing and Caring



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A TRANSFORMATIONAL JOURNEY LED BY A VISION FOR BETTER CARE

In the heart of the great Nyambene region stands Maua Methodist Hospital, an institution that has served generations with dedication, compassion, and Christian love. Every day, mothers bring their children for care, elders seek treatment, young people come during emergencies, and families gather in prayer for their loved ones. Continuously, our staff, guided by strong values, strives to offer the best possible care. Yet, as our community grows and disease patterns evolve, we face an undeniable reality: the expectations of our patients and the complexity of their needs are rising. As a Level 5 hospital, we serve a vast population that depends on us for high-level, reliable, and affordable care.

For years, something painful has weighed on my heart. I have seen critically ill patients transported out of our region in search of services we could not yet offer, like CT Scan, Dialysis, MRI, Oncology, and more. I have watched ambulances leave with urgency and hope, only for some to return with bodies instead of healing. I have witnessed families walk into our mortuary in tears, knowing that their loved ones lost the fight on the road because adequate care was too far away.

This pain shaped my conviction.

This conviction birthed a vision.

This vision evolved into The MMH Big 8 Agenda.

It is not simply a list of projects. It is a commitment. A promise that no patient should ever have to leave our region to seek essential services elsewhere, while we can deliver it ourselves.

By Prof. John K. Mungania,
Chief Executive Officer

THE BIG EIGHT (8)

The Big 8 Agenda Transformation Initiative is the essential imperative for Maua Methodist Hospital's development into a regional center of excellence in healthcare. It is a holistic strategic blueprint, going beyond mere infrastructural improvements, to enhance clinical excellence, improve operational efficiency, secure organizational sustainability, and deepen community trust, all of which are critical for meeting the continuous evolution and strategic investment demands of the modern healthcare landscape.

The foundation of this expansive agenda rests on the principle of accessible, high-quality, affordable, and compassionate care. By systematically addressing critical gaps across surgical capacity, advanced diagnostics, workforce development, security, patient experience, and dignified supportive services, MMH is positioning itself as a regional centre of excellence.

A successful transformation of this magnitude requires a rigorous, phased approach, defined by clear metrics. Therefore, each agenda item is analysed through a critical lens that establishes;

i. The goal	the aspirational future state
ii. The baseline	the measurable current reality, and the structured project management components
iii. Prerequisites	foundational steps that must precede the main activity
iv. Corequisites	interdependent activities that must progress concurrently.

This framework ensures that investments are maximised, risks are mitigated, and the resulting integrated system functions seamlessly, delivering maximum value to every patient and stakeholder. This document serves as the comprehensive strategic plan detailing the objectives, current standing, and pathway forward for each of the eight transformative initiatives.

AGENDA ITEM	STRATEGIC GOAL	CURRENT BASELINE
1. Scale-up of Surgical Services	Increase the number of operational surgical theatres from 2 to 6 to reduce waitlists and handle specialized cases.	Only 2 functional theatres, leading to prolonged wait times and limited emergency capacity.
2. Enhanced Imaging Services	Establish a full-service diagnostic center including CT-Scan, MRI, Mammography, and interventional radiology.	Services are currently limited to basic ultrasound and conventional X-ray.
3. Comprehensive Funeral Home	Develop an all-in-one funeral home offering embalming, grief support, and hearse services with dignity.	Limited funeral services that require families to manage external logistics.
4. Strengthening Perimeter Security	Construct a robust, electric-supported stone perimeter wall with CCTV and controlled access points.	Inadequate perimeter security leads to vulnerabilities like unauthorized access and theft.
5. Expansion to University College	Transform the Medical College into a constituent university with expanded courses like Pharmacy and Clinical Medicine.	Currently offers only 4 healthcare programs with infrastructure and staff at maximum capacity.
6. Outpatient Facelift & Restructuring	Redesign patient flow and upgrade physical facilities to reduce wait times and improve accessibility.	Congested department with inefficient, linear patient flow.
7. Laboratory Upgrade & ISO Certification	Upgrade to state-of-the-art equipment and achieve ISO 15189 certification across all testing areas.	The laboratory is ISO-accredited but requires equipment upgrades for advanced testing.
8. Specialized Clinics & Wings	Launch high-impact specialty services, including Dialysis, Oncology, and a Neonatal ICU.	Critical services like dialysis and oncology are currently nonexistent in the facility.

1.0. SCALE-UP OF SURGICAL SERVICES

1.1. Introduction

The hospital's current capacity of only two operating rooms presents a significant challenge to service delivery. Emergency cases often necessitate the postponement of essential, scheduled operations, which can lead to an unacceptable risk of client health deterioration. The existing system is at its breaking point, and immediate support for surgical capacity expansion is required to deliver the timely, high-quality care our community depends on.

Our strategic vision is to establish a new, modern surgical wing featuring six state-of-the-art operating rooms. This transformative expansion is a monumental shift that will enable us to deliver expert surgical care across a comprehensive spectrum of specialties, including General Surgery, Orthopaedics and Trauma Surgery, ENT, Obstetrics and Gynaecology, Urology, Plastic and Reconstructive Surgery, Neurosurgery, and Ophthalmology. This commitment is the tangible pathway to restoring mobility, recovering sight, and providing critical, complex care for our community, ensuring high-level treatment is accessible right here at home.

However, to turn this transformative plan into a tangible reality, we must move beyond architectural blueprints to equip these new, state-of-the-art operating rooms with modern surgical technology. This entails procuring vital, advanced equipment such as new anesthesia machines, high-intensity surgical lights, electrocautery units, a C-Arm for real-time imaging, and specialized towers for minimally invasive laparoscopic and endoscopic surgery. This advanced equipment is the essential backbone of modern surgical care, enabling safer procedures and significantly faster patient recovery.

Consequently, we would like to extend a formal invitation for partnership and support, as this transformation is fundamentally a community-wide mission. Whether you are a medical professional willing to offer your specialized skills or a committed individual, foundation, or business able to contribute funding for this vital equipment, your direct involvement will save lives and restore health. By partnering with us, we can collectively build a future of advanced, accessible surgical care for all.

1.2. Break down

COMPONENT	STRATEGIC DEFINITION
Agenda item	Scale-up of Surgical Services.
Goal	Increase the total number of operational surgical theatres from 2 to 6 to drastically reduce surgical waiting lists, accommodate higher complexity cases, and integrate specialized surgical teams.
Baseline	**2 Functional operative theatres.** The current capacity results in prolonged surgical wait times, limits the number of procedures performed daily, restricts the ability to handle simultaneous emergency and elective cases, and strains existing human resources due to scheduling pressures.
Prerequisites	1. **Architectural design and engineering-** Finalized plans for the new perioperative theatre layouts, including specialized heating, ventilation, and air conditioning, medical gas piping, and infection control specifications. 2. **Capital funding-** Full securement of construction and equipment procurement funds, mainly through hospital revenue and donations.
Corequisites	1. **Post-operative care expansion-** Concurrent expansion of medical-surgical wards and equipping the Critical Care Units (HDU and ICU) to support the increased volume and complexity of surgeries. 2. **Sterilization capacity-** Immediate upgrade and expansion of the Central Sterile Supply Department (CSSD) structures (shelving), equipment (autoclave), and personnel to manage the exponentially higher instrument processing workload. 3. **Specialized staff recruitment-** Aggressive recruitment and credentialing of four new surgical teams, including surgeons (Resident and visiting), specialized perioperative theatre nurses, perioperative theatre technicians, and anaesthesiologists, to staff the new theatres.

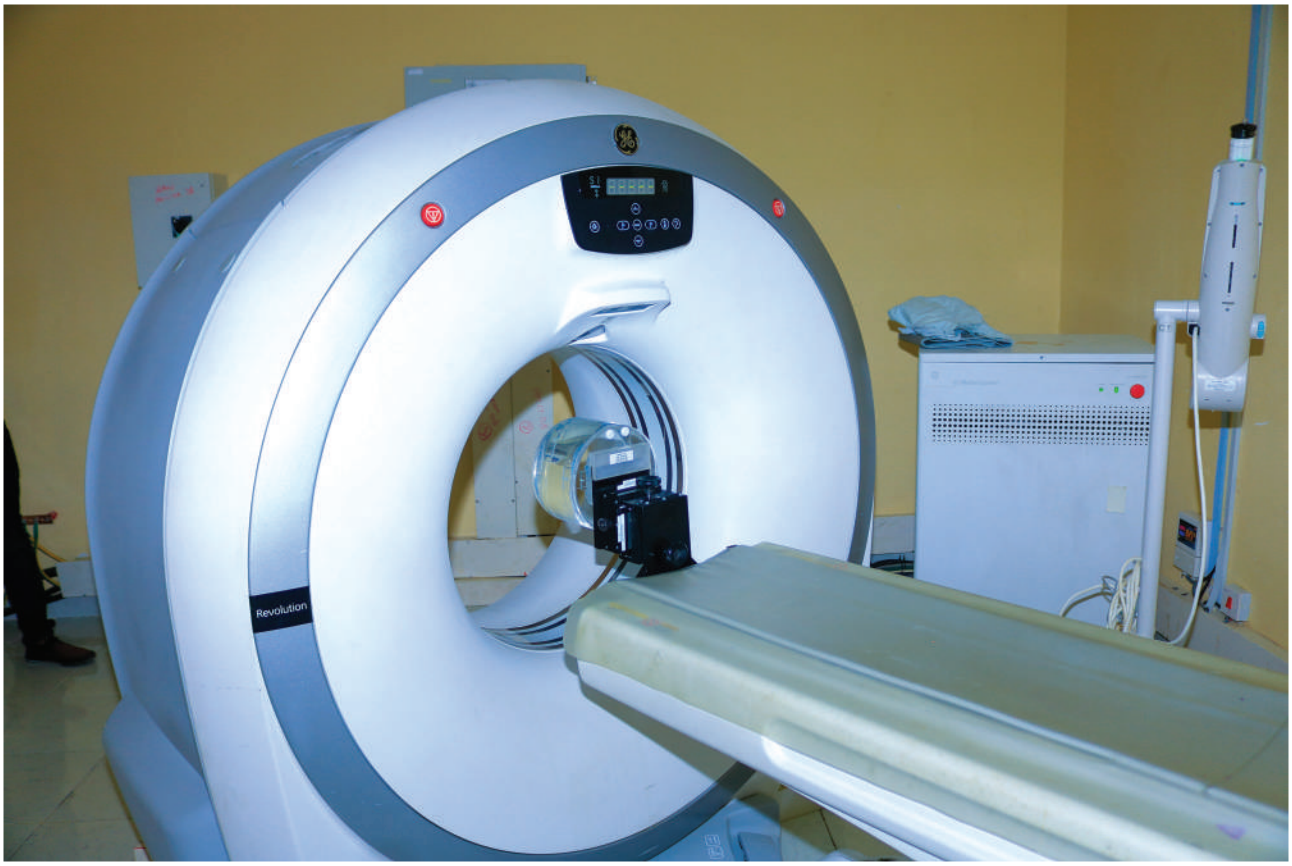
1.3. Bill of Quantities (BoQ)

This BoQ is structured based on the identified prerequisites and core requisites from the strategic plan, as these represent the immediate, measurable steps for execution.

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction			
Architectural Services	Layout Architectural & Engineering Designs to meet required standards.	MMH- Project Manager	1 Full Set of blueprints
Construction Materials	Materials for 4 New Perioperative Theatre Shells	MMH- Project Manager	4 New Theatres
HVAC & Controls	Specialized Heating, Ventilation, and Air Conditioning systems	MMH-Biomed	6 Systems
Medical Gas piping	Installation and components for medical gas supply (O2, N2O, Air, Vacuum)	MMH-Biomed	4 New Theatres
II. Equipment & Technology			
Anaesthesia Machines	Modern anaesthesia workstations	MMH-Biomed	6 Units (4 new + 2 upgrades/replacements)
Surgical Lighting	High-intensity surgical lights	MMH-Biomed	6 Sets
Theatre table	Fully articulated, general-purpose operating tables to equip the new surgical theatres.	MMH-Biomed	4 Units
POCUS	Highly portable sonography devices for focused diagnosis and interventional radiology	MMH-Biomed	1 Unit
Electrocautery Units	Electrocautery/diathermy machines	MMH-Biomed	6 Units
Laparoscopic Tower	Laparoscopic surgery tower for minimally invasive procedures	MMH-Biomed	1 Unit
Operating sets	Basic general instrument sets and specialty instrument sets, i.e, based on the major surgery scope.	MMH-Biomed	—
Surgeons' lounge & Supportive service	Couches/Sofas Desks/Work Surfaces Computers/Monitors Charging Stations Dressing/Locker Rooms Kitchenette Facilities Refrigerator Coffee/Tea Station Direct Telephones/Lines Reference mini-library Washrooms	MMH-Biomed	1 Shared unit
III. Post-Operative Care Expansion (Corerequisite)			
Patient beds	Additional surgical ward beds	MMH-Biomed	–
Critical Care Beds	New Critical Care Unit (ICU/HDU) beds	MMH-Biomed	–

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
Monitoring equipment	Continuous monitoring devices (Vitals, Cardiac Monitors, ECG)	MMH-Biomed	5 Units
Ventilators	Ventilator machines for CCU	MMH-Biomed	5 Units
Infusion Pumps	Devices for controlled intravenous fluid and medication delivery, essential for critical and post-operative care.	MMH-Biomed	5 Units
Laryngoscopes	Standard laryngoscopy sets for advanced airway management during surgery and resuscitation.	MMH-Biomed	2 Sets of assorted sizes
IV. Sterilization capacity (Corequisite)			
Autoclave units	Upgrade/expansion of Central Sterile Supply Department (CSSD) equipment	MMH-Biomed	1 unit
CSSD structures	IPC-compliant shelving and other structural components for CSSD	MMH-Biomed	–
Laundry Machine	High-capacity laundry unit for surgical linen to improve operational efficiency and infection control.	MMH-Biomed	1 Unit
V. Human Capital & Training (Corequisite)			
Surgical teams	Recruitment of four new surgical teams (Surgeons, Perioperative Nurses, Perioperative Techs, and Anaesthesiologists) Review of specialist involvement and MoUs	MMH-HRM	4 Teams (Approx. 12-16 key staff)
Professional training	Training on quality care, infection prevention, and emergency care-ACLS, PALS & ATLS	MMH-HRM	All perioperative staff

2.0. ENHANCED IMAGING SERVICES



Just like a map is essential for a journey, high-quality medical images are vital for diagnosing and treating illness. They provide our doctors with a clear picture of what is happening inside the body, enabling them to make accurate diagnoses and develop effective treatment plans. At present, our hospital's capacity to deliver this crucial service is regrettably limited. The absence of advanced diagnostics, specifically CT and MRI scans, often compels our medical teams to make difficult decisions based on incomplete information. This limitation frequently results in delayed diagnoses, creating an unacceptable level of risk for patients with complex conditions like trauma, cancer, and neurological disorders, and imposing significant financial and personal burden due to necessary long-distance trips.

We plan to transform our imaging unit into a modern, comprehensive diagnostic center within the region. We will achieve this by acquiring state-of-the-art machines, including a CT Scan, MRI, Mammogram, Holter Monitors, Point-of-Care Ultrasound (POCUS), and an Electroencephalogram. This significant expansion will enable us to quickly investigate a wide range of medical conditions, from trauma and neurological disorders to cardiac issues and cancer, ensuring that advanced diagnostic capabilities are readily available to our community.

To host this advanced technology, we must redesign the unit's layout to accommodate ambulance access and install critical safety systems, including a specialized shielding for the MRI and CT scanners. We also require a modern digital system for the instant management and viewing of these images across the entire hospital. Most importantly, we are committed to growing our team of skilled professionals, including sonographers, radiologists, radiology technicians, and support staff.

Building this new imaging center is a technical and financial challenge that we cannot overcome alone. Whether you are a foundation or business that can help fund a major piece of equipment like the MRI, a trained radiologist or technician willing to offer your expertise, or a community member donating, your contribution will have a direct impact. Together, we can eliminate diagnostic delays, reduce patient costs, and build trust by providing the advanced care our community deserves. Please, help us bring this vital vision into focus.

2.1. Break down

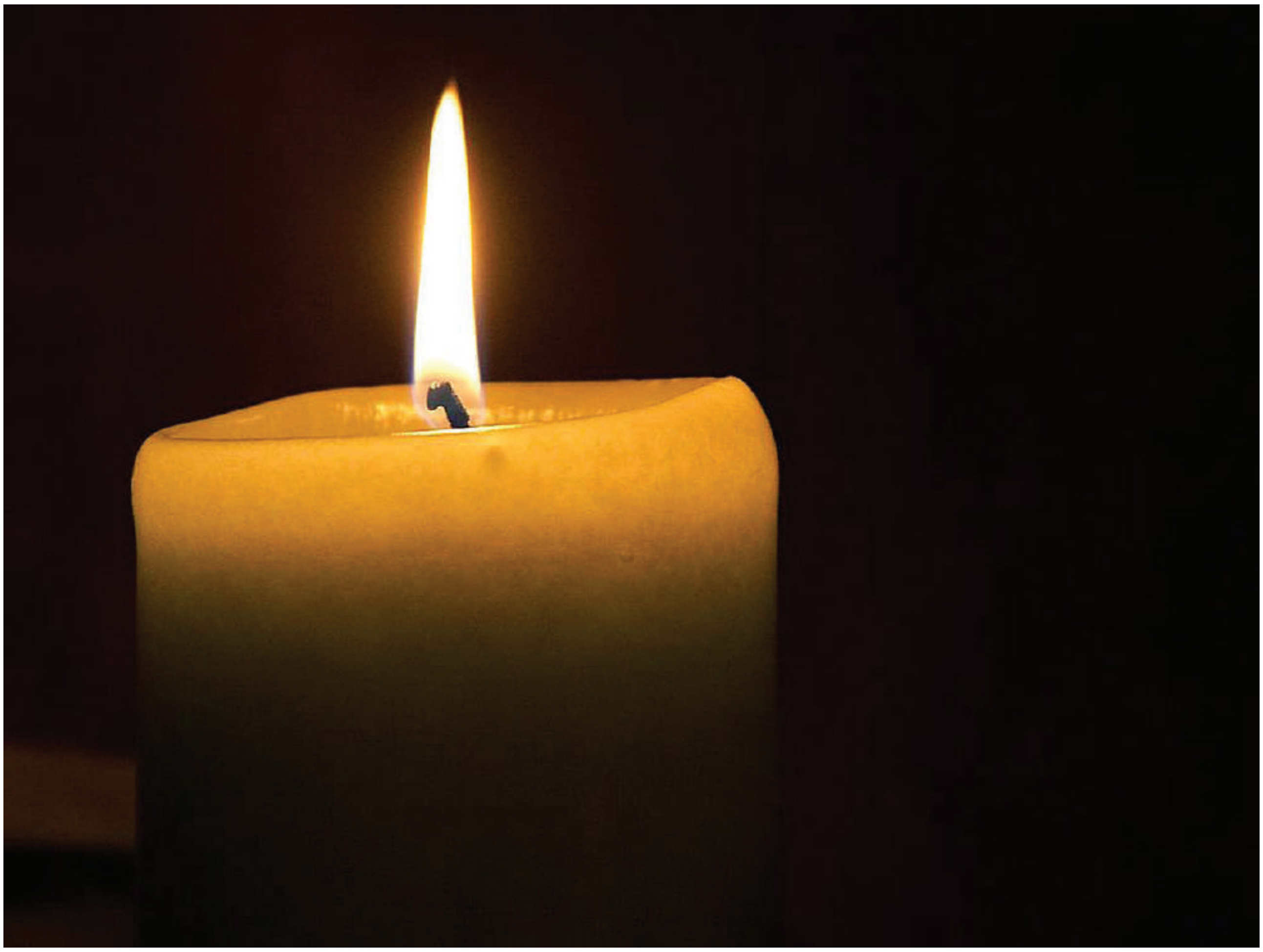
COMPONENT	STRATEGIC DEFINITION
Agenda Item	Enhanced Imaging Services
Goal	Broaden diagnostic capabilities to include CT-Scan, MRI, Nuclear Medicine/PET Scans, Sonography-POCUS, Interventional Radiology, Echocardiogram, Fluoroscopy, Mammography, Orthopantomogram, Electrocardiography, and Holter. Will be keen on establishing a full-service, in-house imaging and specialized diagnostic center in the region.
Baseline	Current diagnostic services are limited to basic ultrasound and conventional X-ray. Patients requiring advanced diagnostics or vital life support must be transferred to distant tertiary centers, causing significant delays, financial hardship, treatment fragmentation, and extensive patient safety risks.
Prerequisites	1. **Infrastructure modification-** Completion of specific shielded rooms for the CT scanner and the magnetically isolated room for the MRI unit. 2. **Vendor contracts-** Finalization of procurement, installation, and long-term maintenance agreements for highly complex imaging machinery (CT, MRI). 3. **Power stability-** Installation of a high-capacity, dedicated uninterruptible power supply (UPS) and voltage stabilization system for sensitive electronic equipment.
Corequisites	1. **Staff establishment**- Gap analysis on current radiology unit staffing for possible addition, intensive training, and certification for radiology technologists and nurses on the operation of radiology equipment. Recruitment of a full-time, on-site radiologist consultant to lead the new Radiology/Imaging Unit. 2. **Digital integration (PACS/RIS)-** Implementation of a Picture Archiving and Communication System (PACS) and Radiology Information System (RIS) with existing health information managing systems (MED360) to manage, store, and digitally transmit images instantaneously to clinicians.

2.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction (Prerequisite)			
Shielded Room Construction	Construction materials and labor for the installation of shielded rooms for the CT Scanner.	MMH-Biomed	1 Room
Magnetic Isolation Room	Construction of the magnetically isolated room/Faraday cage for the MRI unit.	MMH-Biomed	1 Room
II. Equipment & Technology			
CT Scanner	64-slice CT Imaging machinery	MMH	1 Unit
MRI Unit	Imaging machinery	MMH	1 Unit
Vendor Contracts	Contracts for procurement, installation, and long-term maintenance of CT and MRI	MMH/Patners	2 Contracts
Power stability	High-capacity, dedicated Uninterruptible Power Supply (UPS) and voltage stabilization system	MMH	1 System

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
Standard emergency cart	Trolley stocked with the essential medications, equipment, and supplies needed to initiate Advanced Cardiac Life Support (ACLS) protocols.	MMH-Biomed/ MSM	1 Unit
Point-of-Care Ultra-Sound (POCUS)	Highly portable sonography devices for focused diagnosis.	MMH	1 Unit
3D Ultrasound Machine	3D/4D Real-Time Imaging with dedicated software packages	MMH	1 Unit
OPG Equipment & Accessories	Digital OPG System (Orthopantomogram) with DICOM Printer	MMH	1 Unit
Echocardiogram Machine	Echo. system with essential imaging modes	MMH	1 Unit
Electrocardiogram (ECG or EKG) machine	12-Channel ECG machine with all accessories	MMH	1 Unit
Ambulatory Electrocardiogram	Holter Monitor for continuous cardiac recording	MMH	1 Unit
Mammography System	Full Field Digital Mammography (FFDM) or Digital Breast Tomosynthesis (DBT) capability X-ray	MMH	–
Other equipment	Work stations, admin support equipment, printers, and staff resources	MMH	Unspecified number of units
III. Digital Integration (Corequisite)			
PACS/RIS Implementation	Picture Archiving and Communication System (PACS) and Radiology Information System (RIS)	MMH- ICT	1 Integrated System
Digital Integration	Integration with the existing health information management system (MED360)	MMH- ICT	Software and IT services
IV. Human Capital & Training (Corequisite)			
Radiologist Consultant	Recruitment of a full-time, on-site Radiologist Consultant	MMH-HRM	1 Position
Radiology Technologists	Recruitment and training	MMH-HRM	1 per item of specialization (Approximately 4 techs.)
Registered Nurse	Recruitment & training	MMH-HRM	1
Support Staff	Recruitment and training	MMH-HRM	1
Staff Training	Radiation protection training, Patient safety, Quality assurance, Emergency protocols, and adherence to dose limits for staff and the public	MMH-HRM	1
V. Regulatory and Licensing			
Licensing	Licensing for Nuclear/Radiation Regulatory Authority (KNRA).	MMH-MSM	–
Certificate of Compliance	Standard element for both the Radiation place and the Radiation source before operation.	MMH-QA/QC	–

3.0. COMPREHENSIVE FUNERAL HOME



The mortuary at our hospital serves a vital and solemn role in our community. It provides care for loved ones after they have passed, not only for our own patients but also for individuals brought from surrounding areas, including those from tragic events like road accidents. This service must transcend a mere storage facility; it should be a sacred space where families gather to say their final goodbyes, a place that offers comfort, dignity, and peace during life's most difficult moments.

We will elevate our current mortuary into a comprehensive funeral home, designed to serve families with compassion and respect. This transformation involves expanding our capacity to accommodate more loved ones with dignity and introducing critical new services to support grieving families, including body reconstruction, embalming, cosmetics, and post-mortems. Furthermore, we will establish a full suite of support services, including hearse and coffin provisions, as well as printing for memorial materials such as portraits and eulogies.

To create a truly comforting environment, we will build a dedicated chapel for quiet reflection and spiritual nourishment, install a music system to provide a peaceful atmosphere, and introduce a respectful team of pallbearers to ensure every journey is conducted with honour.

We are reaching out to our community of partners for support. Whether you are a builder, architect, or musician who can donate your skills, a business that can contribute materials or funds, or a compassionate individual willing to help us furnish a space of comfort, your partnership is vital. Together, we can ensure that every family in our community receives the dignity, peace, and support they deserve in their time of need. Please, join us in this mission of compassion.

3.1. Breakdown

COMPONENT	STRATEGIC DEFINITION
Agenda Item	Comprehensive Funeral Home Services
Goal	Develop an all-in-one funeral home with complete services, including embalming, coffin provision, hearse services, and grief support, alongside additional manpower, chaplaincy, and hearse vehicles.
Baseline	Current funeral home services are limited, providing only basic options. This requires families to manage multiple external logistics for specialized services, diverting them from compassionate support.
Prerequisites	1. **Architectural design adjustments-** Finalized plans for a dedicated, IPC-compliant full-service mortuary facility, including specialized refrigeration and embalming suites. 2. **Capital funding-** Full securement of construction and equipment procurement funds. 3. **Regulatory approvals-** Securing necessary licensing from public health, environmental, and regulatory authorities.
Corequisites	**1.** **Specialized staff recruitment & training-** Recruitment and certification of mortuary technicians, embalmers, and a grief/counseling support team. **2.** **Vehicle procurement & logistics-** Purchase of dedicated hearse vehicles and establishing maintenance and operational logistics. **3.** **Service protocol development-** Finalizing dignified service protocols, pricing structures, and community outreach plans.

3.2. Bill of quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE	ESTIMATED QUANTITY
I. Infrastructure & construction	Architectural & engineering designs	MMH- Project Manager	1 Full Set of blueprints
	Construction materials for a new mortuary facility	MMH- Project Manager	1 Full Building
	Specialized mortuary refrigeration units	MMH-Biomed	6-10 Unit Capacity
II. Equipment & technology	Embalming equipment & supplies	MMH-Biomed/Procurement	1 Complete Station
	Hearse vehicles	MMH-Logistics	2 Units
	Funeral preparation furniture & tools	MMH-Procurement	1 Set
III. Human Capital & Training (Corequisite)	Recruitment- Mortuary technicians, Embalmers	MMH-HRM	3-5 Staff
	Recruitment: Grief Counselors/Support Staff	MMH-HRM	2 Staff
	Professional Training: Mortuary Science & Ethics	MMH-HRM	All staff

4.0. STRENGTHENING PERIMETER WALL SECURITY

The safety and security of our patients, staff, and vital equipment are the foundation of effective healthcare. Our commitment is to ensure that the hospital is a safe and secure sanctuary where care can be delivered without fear or disruption.

Our comprehensive plan for fortification begins with the construction of a robust, electric-supported stone perimeter wall around the entire hospital grounds. This vital barrier will be complemented by the addition of a second, strategically placed gate, which will help us manage the efficient and safe flow of people, vehicles, and deliveries to their correct destinations.

Crucially, this project presents a unique opportunity for community engagement and financial sustainability. Leveraging our high visibility along major roadways, the section facing the main highway will be branded with information about our key hospital services. Furthermore, on the side facing the business hub, we plan to construct commercial shops for rent. The income generated will provide a steady, reliable stream of additional funding to support our hospital's mission and patient care services. To complete our security upgrade, we will install a network of modern CCTV cameras in strategic locations across the facility, providing 24/7 monitoring for proactive response and a safe environment, day and night.

We are calling on construction companies, electricians, security firms, and donors to partner with us by donating materials, expertise, or services. For local businesses and entrepreneurs, this is an opportunity to invest in a shop space that supports both your enterprise and the health of our community. Your contribution, whether in kind or financial, will build a legacy of safety and stability. Please join us in fortifying our hospital for generations to come.

4.1. Breakdown

COMPONENT	STRATEGIC DEFINITION
Agenda Item	Strengthening Perimeter Wall Security
Goal	Construct a strong perimeter wall to enhance safety and security around the hospital premises.
Baseline	Security concerns have increased due to the growing demand for services. The current perimeter is either incomplete or inadequate, resulting in vulnerabilities like unauthorized access, theft, and vandalism.
Prerequisites	1. **Boundary Survey and Engineering Design-** Final topographic survey of the hospital boundary and approval of the structural design for the perimeter wall (material, height, and foundation). 2. **Capital Funding-** Full securement of construction materials and labor costs.
Corequisites	1. **Security System Integration-** Installation of modern integrated security systems, including CCTV, motion-sensor floodlights, and controlled access points (gates). 2. **Security Personnel Enhancement-** Recruitment and specialized training of additional security staff to manage gates and conduct enhanced patrols. 3. **Protocol implementation-** Development and communication of standardized hospital-wide access and security protocols.

4.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE	ESTIMATED QUANTITY
I. Infrastructure & construction (Prerequisite)	Boundary survey and Engineering services	MMH- Project Manager	1 Full Set
	Construction materials (Stone, Cement, Sand)	MMH- Project Manager	1 Full Wall
	Steel Reinforcement Bars and Foundation Materials	MMH- Project Manager	Full Length of Wall
	Fencing and Barrier materials (Razor wire)	MMH- Procurement	Full Length of Wall
II. Equipment & technology (Corequisite)	CCTV cameras and Digital video recorders (DVR)	MMH- ICT	20-30 Cameras
	Access control systems (Automated gates, Boom Barriers)	MMH- ICT/Logistics	4-6 Entry Points
	High-intensity floodlights/Perimeter lighting	MMH- Maintenance	30-50 Units
III. Human Capital & Training (Corequisite)	Recruitment- Additional security personnel	MMH-HRM	5-8 Staff
	Professional training- Emergency Response & CCTV monitoring	MMH-HRM	All Security Staff

5.0. UPGRADING THE COLLEGE INTO UNIVERSITY COLLEGE OF HEALTH SCIENCES

Our Methodist College of Health Sciences (MCHS) is a vital strategic asset, training the skilled professionals who form the backbone of our community's healthcare system. We currently offer essential, high-demand programs in Nursing, Perioperative Theatre Technology, Community Health & HIV Management, and Clinical Counselling & Psychology. The community response has been overwhelmingly positive, with intakes consistently fully booked and demand for places continuing to rise. We are proud to have reached a pivotal milestone of 500 students, a number that officially allows us to commence our journey toward becoming a fully-fledged constituent university.

This strategic growth marks a pivotal transition point for the college, one that necessitates a transformational capital project, as our current facilities have reached maximum operational capacity. Our ambitious plan is to initiate the acquisition and development of a new, expansive university campus. This foundational platform will allow us to seamlessly relocate and consolidate existing academic programs while simultaneously launching critical new faculties and disciplines, including Clinical Medicine & Surgery, Pharmacy, Physiotherapy & Sport Science, Nutrition & Dietetics, and advanced artisan technology courses. This systematic expansion is designed to culminate in the establishment of a comprehensive, multi-disciplinary Health Sciences University, positioned not only to train the next generation of highly-skilled professionals, but also to serve as a key regional research and education hub dedicated to advancing health science, addressing emerging public health needs, and managing evolving disease patterns for the region.

As a transition requirement towards becoming a university, we are actively pursuing application and accreditation from the Commission for University Education (CUE). Furthermore, we are committed to securing full accreditation from all relevant bodies, including NITA, TVET, and the Clinical Officers Council, to ensure our graduates meet the highest national and professional standards. While detailed layouts for new administration blocks, classrooms, hostels, and training facilities are already in progress, blueprints alone are insufficient. We urgently require the recruitment of additional accredited faculty and the procurement of the latest teaching tools to deliver a truly world-class education.

We now extend a sincere invitation to invest in the future of healthcare research and education. This is a critical call to action for philanthropists, construction partners, and industry leaders to help us bring this new campus to life. We seek educators and experienced healthcare professionals to volunteer as guest lecturers or join our full-time faculty. For those who can contribute financially, a donation towards scholarships, laboratory equipment, or the construction of a classroom will directly shape the next generation of nurses, clinicians, and therapists. By partnering with us, you are not merely funding buildings; you are helping to build a healthier future for our entire community. Join us in this transformative mission.

5.1. Break down

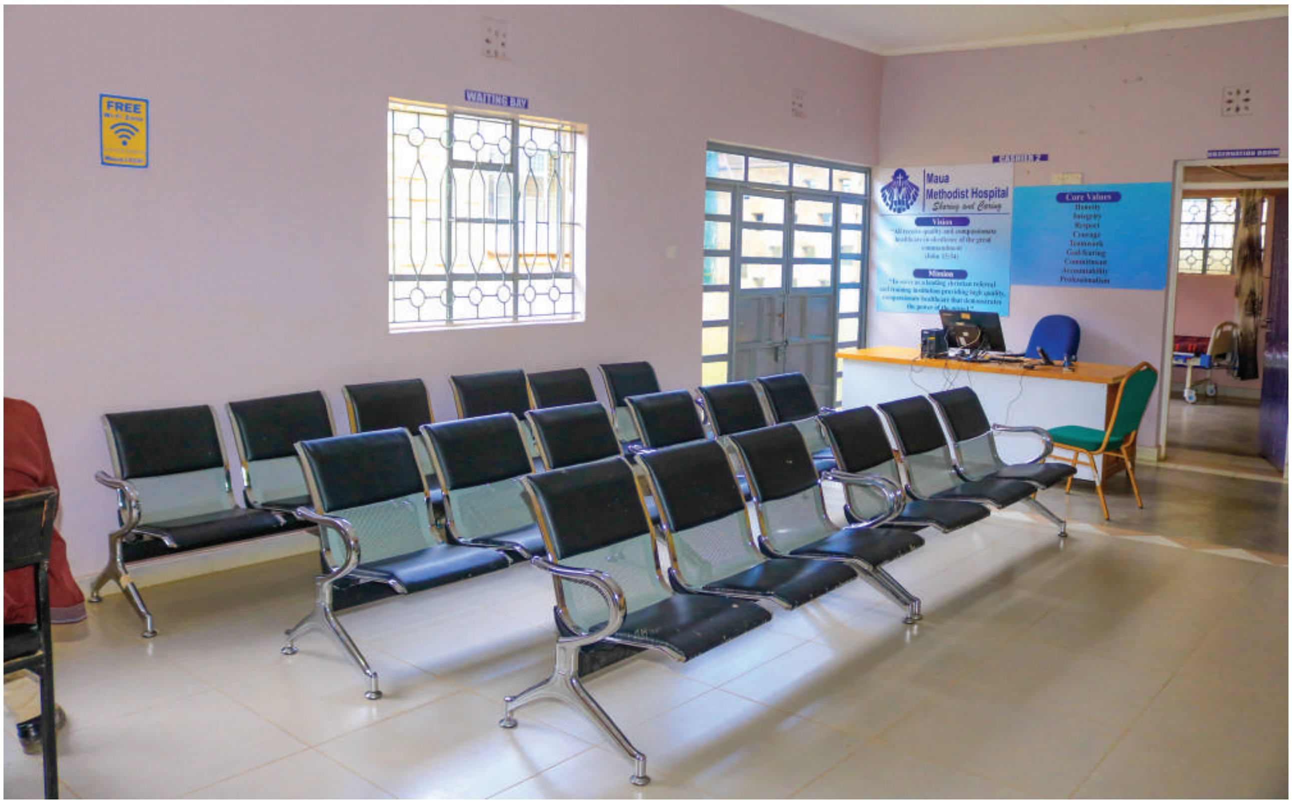
COMPONENT	STRATEGIC DEFINITION
Agenda Item	Expansion to University College
Goal	Broaden course offerings beyond the current 3 courses, addressing infrastructure challenges and staffing needs.
Baseline	Methodist College of Health Sciences currently offers only a limited number of healthcare programs (4 courses). The existing academic infrastructure and staff capacity are insufficient for introducing the specialized courses needed to meet the increasing demand for healthcare professionals.
Prerequisites	1. **Curriculum development & Regulatory approval-** Finalized syllabi for all new specialized courses and approval from the relevant professional/regulatory boards. 2. **Infrastructure planning-** Architectural plans for new lecture halls, library, science laboratories, administration blocks, student amenities, and advanced simulation centers. 3. **Institutional accreditation-** Securing accreditation for the institution to offer the new, higher-level programs under the identified university charter.
Corequisites	1. **Specialized academic staff recruitment-** Aggressive recruitment of highly qualified lecturers, registrars, and clinical instructors to staff the expanded course load. 2. **Procurement of teaching aid-** Sourcing specialized laboratory equipment, teaching models, books, and simulation mannequins. 3. **Student support-** Expansion of student housing, library resources, and dedicated study facilities.

5.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction			
Academic Facilities	Construction of new lecture theatres, tutorial rooms, and seminar halls	MMH- Project Manager	Unspecified
Land Acquisition	Purchase and legal transfer of land, including all necessary legal and regulatory approvals, for the construction of the new University campus and facilities.	MMH-Management	–
Specialized Laboratories	Construction/renovation of specialized teaching labs (Simulation/Skills lab)	MMH- Project Manager	Unspecified

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ ASSIGNEE	ESTIMATED QUANTITY
Library & Resource Center	Expansion and furnishing of the main university library and digital resource center	MMH- Project Manager	1 Integrated Unit
Student accommodation	Construction of additional student hostels and common areas	MMH- Project Manager	Unspecified
Administration	Construction and renovation of the University administration block	MMH- Project Manager	1 Block
II. Equipment & Technology			
IT Infrastructure	Installation of high-speed Wi-Fi network, servers, and data centers	MMH- ICT	1 System
Laboratory Equipment	Procurement of modern laboratory equipment, teaching models, and simulators	MMH- Biomed	Unspecified
Digital Systems	Upgrade and implementation of a Learning Management System (LMS) and student information system	MMH- ICT	1 Integrated System
Library Resources	Acquisition of essential text/reference books and digital journal subscriptions	MMH-Library	Unspecified
III. Human Capital & Training (Corequisite)			
Academic Faculty	Recruitment of Senior Lecturers and Tutorial Fellows (as per CUE requirements)	MMH-HRM	Unspecified
Administrative Staff	Recruitment of core university administration (Registrar, Finance Officer, Deans)	MMH-HRM	Unspecified
Staff Training	Professional development for all staff on university governance, research, and teaching methodologies	MMH-HRM	All Staff
IV. Regulatory & Licensing (Prerequisite)			
Accreditation	Payment of fees for Curriculum Vetting and Programme Accreditation	MMH-Management	Unspecified
University Charter	Application and inspection fees for the Commission for University Education (CUE) Charter	MMH-MSM	Unspecified
MOU & Contract Formalization	Legal services and documentation for all Memoranda of Understanding (MoUs) with the parent University	MMH-Management/ Legal	1 System/ Framework
Quality Assurance (QA) Establishment	Development and implementation of a comprehensive academic QA/QC framework.	MMH-QA/ QC	1 System/ Framework

6.0. OUTPATIENT FACELIFT AND RESTRUCTURING



Our hospital is strategically evolving to meet the diverse needs of our community. A rise in patients utilizing diverse insurance plans, coupled with an increasing expectation for personalized care, dictates a crucial evolution of our current outpatient setup. As a level five (5) facility, we are resolutely committed to innovating our services and environment to ensure every individual receives the dignified, efficient, and comfortable care they deserve.

Our vision is to fundamentally structure the outpatient experience through the creation of distinct, specialized wings. Beyond our well-established Accident & Emergency, General Outpatient, Corporate Wing, and Comprehensive Care Centre, we plan to introduce a new Doctors' Plaza Wing and significantly expand our Corporate services. This strategic separation will enable us to precisely tailor care to different patient needs, drastically reducing wait times and establishing a more personal and private experience for every person who walks through our doors.

A key priority in this transformation is ensuring our facility achieves full accessibility and intuitive navigation. We will undertake a comprehensive facelift of the outpatient block, implementing clear corporate branding and signage, and committing to full disability-friendly compliance, which includes accessible toilets and smooth, proper access routes to all units. Furthermore, to address the critical parking shortage, we plan to expand and pave our parking areas and internal streets with durable cabro blocks, completing the infrastructure needed for a truly modern patient experience.

We recognize that a truly healing environment transcends purely clinical care. Our plans include establishing a clean and welcoming cafeteria for clients, visitors, and students, as well as investing in extensive landscaping to create a peaceful, therapeutic atmosphere that comforts the spirit and promotes recovery.

To realize this vision of a modern, welcoming, and fully accessible hospital, we earnestly seek your support. We call upon construction and landscaping companies, signage experts, and accessibility consultants to partner with us through in-kind donations or expert services. A direct donation toward paving, landscaping, or furnishing our new cafeteria will enhance the comfort and dignity of every person we serve. Join us in building not just a better hospital, but a more compassionate and accessible community hub.

6.1. Break down

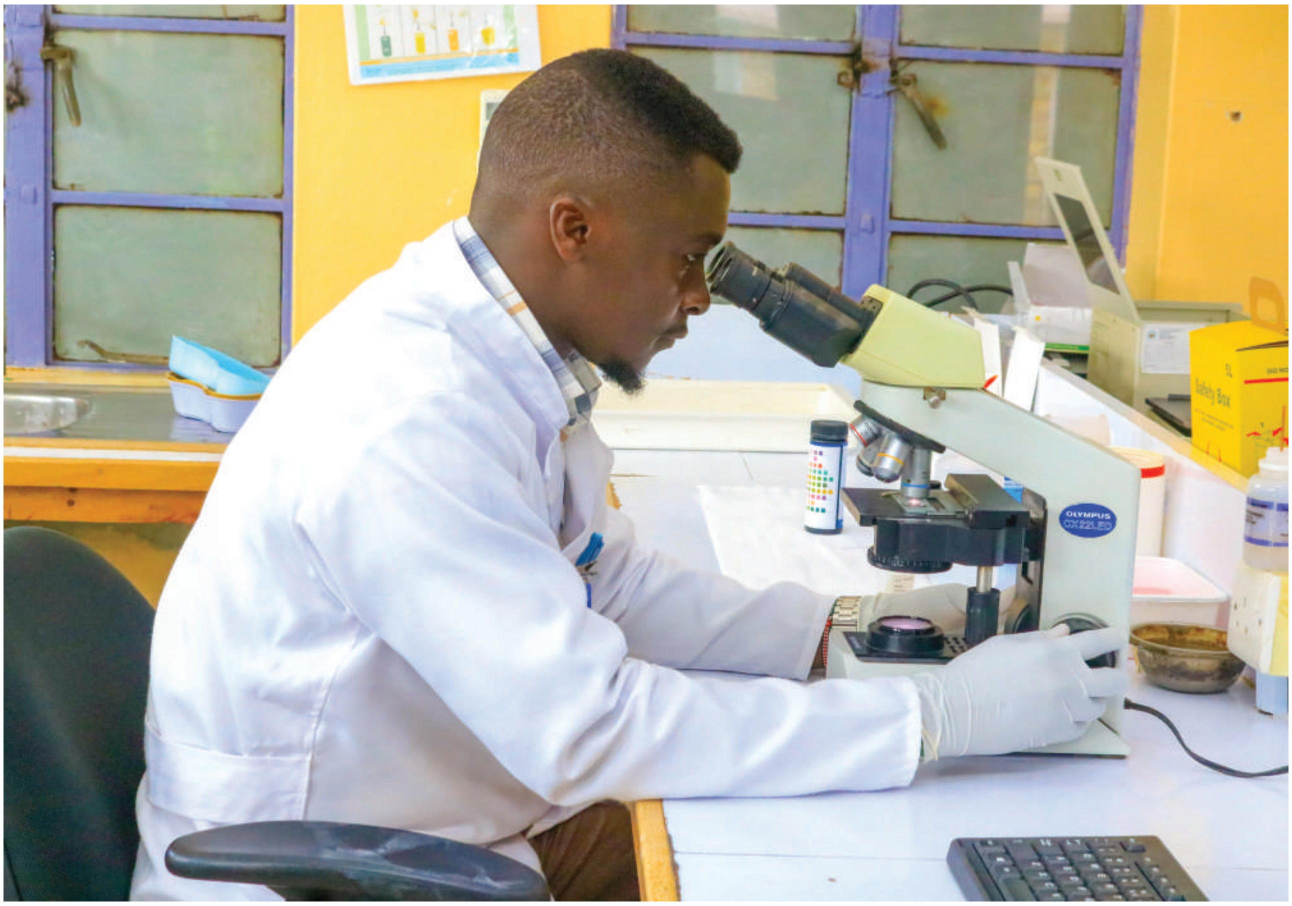
COMPONENT	STRATEGIC DEFINITION
Agenda Item	Outpatient Facelift and Restructuring
Goal	To significantly enhance patient experience, improve clinical efficiency, and reduce patient wait times by redesigning patient flow, upgrading physical facilities, and integrating modern technology in the entire outpatient unit.
Baseline	The current outpatient department is often congested, characterized by an inefficient, linear patient flow. This leads to prolonged waiting periods, patient dissatisfaction, difficulty in patient triage, and strains on existing human resources due to poor scheduling.
Prerequisites	1. **Architectural redesign-** Finalized architectural and engineering plans focusing on optimal patient flow, dedicated triage areas, and modernized consultation spaces. 2. **Capital funding-** Full allocation of construction, renovation, and systems integration funding through hospital revenue and external partnerships.
Corequisites	1. **Digital integration-** Implementation of a modern digital patient queuing system and full integration into the MED360 (HIMS) of all consultation and triage rooms. 2. **Workforce training-** Mandatory training for all outpatient staff on new patient flow protocols, emergency care, advanced triage methods, and enhanced customer service and communication skills. 3. **Recruitment-** Recruitment and deployment of patient relations officers and specialized triage nurses to manage patient experience and initial assessment efficiently.

6.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction			
Architectural services	Redesign and architectural plans for patient flow, waiting areas, and consultation rooms	MMH- Project Manager	1 Full Set of blueprints
Civil Works	Renovation and partitioning of new patient waiting and consultation areas	MMH- Project Manager	Unspecified
Flooring & Finishes	Installation of high-durability, easy-to-clean, and infection-control-compliant finishes	MMH- Project Manager	Unspecified
Clinic Fit-Out & Partitioning	Clinic fit-Out & partitioning: High-end renovation and partitioning to create 5-8 private consultation suites and a dedicated waiting lounge.	MMH- Project Manager	1 Dedicated Wing/Area
Reception & Lounge Area	Construction of an exclusive, discreet reception desk and a comfortable, private executive waiting lounge	MMH- Project Manager	1 Unit
Parking lot	Cabro paving blocks and installation materials	MMH- Project Manager	1 Full Lot
	Parking lot line painting and delimitation	MMH- Maintenance	1 Full Lot

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ASSIGNEE	ESTIMATED QUANTITY
Signage & Wayfinding	Development and installation of internal and external directional and informational signage	MMH- Project Manager	1 comprehensive system
II. Equipment & Technology			
Waiting Area Furniture	Procurement of comfortable, durable, and space-efficient seating	MMH- Administration	Unspecified
IT & Queuing System	Implementation of a modern patient queuing, calling, and appointment system	MMH- ICT	1 Integrated System
EHR Integration	Hardware (desks, monitors) and software integration for Electronic Health Record (EHR) access in all consultation rooms	MMH- ICT	Unspecified
Examination room equipment	Upgrade of basic examination couches, lights, and diagnostic sets for new rooms	MMH-Biomed	Unspecified
Patient triage equipment	Procurement of digital thermometers, BP monitors, and pulse oximeters for dedicated triage stations	MMH-Biomed	Unspecified
Diagnostic Equipment	Portable advanced diagnostic devices specific to the chosen specialties (e.g., portable ECG, Dermatoscope, ABPM)	MMH-Biomed	Unspecified
III. Human Capital & Training			
Customer service training	Training for all front-line staff on emergency training (BLS/ACLS), patient experience, communication, and conflict resolution	MMH-HRM	All Clinical staff
Patient flow management	Training on new operational protocols for registration, triage, and consultation management	MMH-HRM	All OPD Staff
Staff recruitment	Recruitment of additional triage nurses and patient relations officers for expanded services	MMH-HRM	Unspecified
IV. Security & Accessibility			
Security enhancements	Installation of CCTV, access control, and a dedicated security post in high-traffic areas	MMH- Project Manager	1 System
Accessibility upgrades	Installation of ramps, accessible washrooms, and clear pathways for persons with disabilities	MMH- Project Manager	Unspecified
V. Utilities and Safety			
Emergency power	Dedicated UPS/Generator backup for critical outpatient areas (Triage, Registration)	MMH- Project Manager	1 Backup System
Fire safety	Installation of modern fire suppression systems and clearly marked emergency exits	MMH- Project Manager	Unspecified

7.0. LABORATORY UPGRADE AND ISO ACCREDITATION



In the world of healthcare, the laboratory is where the unseen becomes known. It is a major pillar of clinical management, providing accurate diagnoses that guide effective treatment and save lives. Our current lab offers essential services in haematology, biochemistry, serology, microbiology, and blood transfusion, forming the backbone of our diagnostic capabilities.

To meet the growing and complex needs of our patients and clinical teams, we must evolve. Our vision is to establish a dedicated pathology section for deeper diagnostic analysis, allowing us to investigate illnesses with greater precision. This expansion necessitates ongoing technological upgrades, including the acquisition of advanced machines to enhance our testing capacity and speed.

We are proud of our existing accreditations in Biochemistry and Haematology, a testament to our commitment to quality. Now, we aim to achieve accreditation across all our lab sub-units and later expand this gold standard of quality to other hospital departments. To streamline our workflow, we plan to construct a modern chute system to transport samples swiftly and securely from our downstairs phlebotomy unit directly to the lab, ensuring faster processing.

The heart of our lab is its people. To guarantee reliable results, we will invest in comprehensive capacity-building for our entire team through internal and external training. We will also recruit additional personnel to ensure fast turnaround times, reducing anxiety for patients and enabling doctors to make timely decisions.

Building this advanced diagnostic center requires community partnership. We are calling on laboratory equipment suppliers, construction experts, and training institutions to support this mission. Your donation of modern analyzers, funding for the sample chute, or sponsorship for staff training will directly impact our ability to diagnose quickly and accurately. Join us in strengthening this critical pillar of our hospital and help us provide a foundation of precision for every treatment plan.

7.1. Break down

COMPONENT	STRATEGIC DEFINITION
Agenda Item	Laboratory Upgrade and Expansion of ISO Certification
Goal	Upgrade the ISO-accredited laboratory with state-of-the-art equipment, including advanced blood culture machines, and obtain ISO certification for new areas of testing.
Baseline	The laboratory is ISO-accredited but requires an equipment upgrade to enhance accuracy and reliability (i.e., current blood culture methods are basic). The current ISO certification scope does not cover all desired advanced testing areas, limiting its referral capacity.
Prerequisites	1. **Infrastructure audit-** Completion of a detailed structural and functional audit to identify necessary changes to the lab layout (e.g., dedicated sections for Microbiology, Serology, Haematology) and utilities (power, water, biosafety). 2. **Procurement plan and vendor contracts-** Detailed plan for the purchase, installation, and long-term maintenance of advanced laboratory equipment (e.g., blood culture machines). 3. **Financial plan- allocation of capital investment for high**-end, high-throughput analyzers and the ISO certification process (consultants, training, and audits). 4. **ISO consultant engagement-** Formal engagement of a certified ISO 15189 consultant to guide the Quality Management System (QMS) implementation.
Corequisites	1. **Specialized staff recruitment-** Recruitment of specialized laboratory technologists (e.g., Molecular Biologists, Clinical Chemists) and a dedicated Quality Assurance Manager. 2. **Digital integration-** Implementation of a robust Laboratory Information System (LIS) and its integration with the existing Health Information Management System (MED360). 3. **Quality documentation-** Completion of all internal audits, quality manuals, and standard operating procedures (SOPs) required for the new ISO certification scope. 4. **Staff training-** Comprehensive, mandatory training for all lab staff on the new equipment, biosafety protocols, and the ISO 15189 Quality Management System requirements.

7.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction			
Laboratory Renovation	Civil works for re-partitioning, dedicated clean rooms, and upgraded utility lines.	MMH- Project Manager	Unspecified
Biosafety & Waste Management	Procurement and installation of modern biological safety cabinets (Class II) and regulated medical waste disposal units	MMH-Biomed	Unspecified
II. Equipment & Technology			
Automated Analyzers	High-throughput machines for Biochemistry, Haematology, and Immunology	MMH-Biomed	3-5 Units

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ ASSIGNEE	ESTIMATED QUANTITY
Microbiology Unit	Acquisition of specialized equipment (e.g., Automated Blood Culture System, Polymerase chain reaction (pcr) machine, MALDI-TOF Mass Spectrometer)	MMH-Biomed	Unspecified
Laboratory Information System (LIS)	Procurement and implementation of LIS software for sample tracking, results reporting, and quality control	MMH- ICT	1 Integrated System
Cold Chain Equipment	Ultra-low temperature freezers (-80°C) and calibrated refrigerators/freezers for sample storage	MMH-Biomed	Unspecified
III. Human Capital & Training			
Quality Assurance Manager	Recruitment of a full-time, ISO-trained Quality Assurance/Control Manager	MMH-HRM	1 Position
Specialized Technologists	Recruitment of new staff to run new service lines	MMH-HRM	Unspecified
ISO Training	External training for key staff on ISO 15189 QA/ QC documentation, internal auditing, and quality control programs	MMH-HRM	All Lab Staff
IV. Certification & Compliance			
ISO Consultant Fees	Fees for the external consultant to guide the QMS implementation and pre-audit activities	MMH-Management	1 Contract
Accreditation Fees	Application and audit fees for the official ISO 15189 (or equivalent) accreditation body	MMH-Management	Unspecified
Reference Materials	Procurement of Certified Reference Materials and External Quality Assurance (EQA) program subscriptions	MMH-Biomed	Unspecified/ Annual Fee

8.0 ESTABLISHMENT OF SPECIALIZED CLINICS AND WINGS

To truly serve our community, we must meet the unique needs of every patient. With the rise of complex and chronic conditions, we are compelled to dramatically expand our specialized services, ensuring that advanced, compassionate care is available close to home for both outpatients and those requiring hospital admission.

We currently offer specialized clinics in Physician, General Surgery, Orthopaedics, Obstetrics & Gynaecology, ENT, Dermatology, Paediatrics, and Epilepsy. To build on this foundation, we will launch new, vital clinics in Urology, Neurosurgery, Oncology, Plastic Surgery, Maxillofacial, Gastroenterology, Nephrology, Pulmonology, and Cardiology. All these services will be conveniently housed together in a new, centralized Doctors' Plaza Wing, making it easier for patients with complex conditions to access the expert care they need.

This expansion continues within the hospital walls. As we diagnose more complex conditions, the demand for specialized inpatient care will grow. We plan to significantly enhance our existing critical care units, including the HDU, ICU, and Renal unit. Furthermore, we will establish new, dedicated inpatient wings for Oncology, a Neonatal ICU (NICU), and a Palliative Care Centre, ensuring holistic support from the first breath of life to its final moments.

Recognizing that healthcare needs are growing across our entire region, we are also committed to enhancing services at our branch in Kiutine, bringing this model of specialized care to the large population there.

We are calling on specialist doctors, nurses, and healthcare organizations to partner with us through volunteering, mentorship, or service partnerships. We also need philanthropists and community leaders to help fund the construction of these new wings and the advanced equipment they require. Your support will directly translate into lives saved and suffering alleviated right here in our community. Join us in building a future where no one has to travel far for the specialized care they need.

8.1. Breakdown

COMPONENT	STRATEGIC DEFINITION
Agenda Item	Establishment of Specialized Clinics and Wings
Goal	To launch three high-impact specialty services (Dialysis, Oncology, and specialized clinics) within the next 24 months to ensure that no patient is referred outside the region for routine specialized outpatient or semi-inpatient care.
Baseline	Critical specialty services, such as dialysis and oncology, are nonexistent, forcing high-risk and high-burden patients to travel over 300km for essential, recurrent treatment, leading to high morbidity, financial toxicity, and fragmentation of care.
Prerequisites	1. **Infrastructure renovation-** Finalized architectural plans and completion of IPC-compliant physical spaces for the Dialysis Unit (including water treatment plant) and the Oncology Unit (including compounding pharmacy). 2. **Regulatory approval-** Getting necessary licensing from the Ministry of Health, Social Health Authority, and radiation/nuclear regulatory bodies for the Oncology/Chemotherapy services. 3. **Capital funding-** Full securement of construction and major equipment procurement funds for the three specialty areas.

COMPONENT	STRATEGIC DEFINITION
Corequisites	1. **Specialized Staff Recruitment-** Aggressive recruitment and credentialing of a full-time Nephrologist, an Oncologist, Dialysis Nurses, and Oncology Nurses/ Pharmacists. 2. **Supply Chain Management-** Establishment of a robust, audited supply chain for specialized consumables and medications (e.g., chemotherapy agents, dialysis supplies) that meets all quality assurance standards. 3. **Training & Protocols-** Intensive training for existing staff on specialized care delivery and the creation of standardized clinical protocols for the new units.

8.2. Bill of Quantities (BoQ)

CATEGORY	ITEM/MATERIAL/RESOURCE	SOURCE/ ASSIGNEE	ESTIMATED QUANTITY
I. Infrastructure & Construction (Prerequisite)			
Architectural Services	Layout architectural & engineering designs for new wings	MMH- Project Manager	1 Full Set of blueprints
Renovation Materials	Materials for dialysis unit & Oncology clinic shells	MMH- Project Manager	2 Specialty Units
Specialized Water Treatment	Reverse osmosis (RO) water treatment plant for dialysis	MMH-Biomed	1 Unit
Air Handling & Controls	Specialized air handling/ventilation for Oncology and Dialysis units	MMH-Biomed	2 Systems
II. Equipment & Technology			
Dialysis Machines	Hemodialysis Machines for Chronic and Acute care	MMH-Biomed	6-8 Units
Chemotherapy Hood	Biological Safety Cabinet (Chemotherapy Compounding Hood)	MMH-Biomed	1 Unit
Patient Monitors	Patient monitors for vital signs in Dialysis/Chemo Infusion Bays	MMH-Biomed	10 Units
Infusion Pumps	Dedicated IV Infusion Pumps (incl. syringe pumps) for Chemotherapy	MMH-Biomed	12 Units
Clinic Furniture	Specialty reclining chairs/beds for Dialysis and Chemotherapy infusion	MMH-Procurement	15 Units
III. Human Capital & Training (Corequisite)			
Specialist Recruitment	Full-time Nephrologist and Oncologist	MMH-HRM	2 Positions
Specialized Nurses	Recruitment and training for Dialysis and Oncology Nurses	MMH-HRM	8-10 Staff
Pharmacy Specialist	Recruitment of a specialized Oncology/Chemotherapy Pharmacist	MMH-HRM	1 Position
Professional Training	Certification in Hemodialysis and Oncology/ Chemotherapy administration	MMH-HRM	All new staff
IV. Regulatory & Supply Chain			
Licensing	Regulatory fees and approvals for new specialty clinics	MMH-MSM	–
Consumables Stock	Initial procurement stock of specialized dialysis and chemotherapy consumables	MMH-Procurement	1 Month's Supply

SUMMARY

The 8-Point Agenda represents the collective dream for Maua Methodist Hospital, a transformative journey that will elevate our service, reshape our roadmap, and fundamentally strengthen our mission to provide quality, safe, and compassionate care to our entire community.

This ambitious vision encompasses the modernization and expansion of our most critical services:

1. Scale-up of Surgical Services
2. Enhanced Imaging Services
3. Comprehensive Funeral Home Services
4. Strengthening Perimeter Wall Security
5. Expansion of Methodist College of Health sciences to University College status
6. Outpatient Facelift and Restructuring
7. Laboratory Upgrade and Expansion of ISO Certification
8. Establishment of Specialized Clinics and Wings

We acknowledge that these projects are capital-intensive. However, they are achievable. We will build this future by combining our hospital's resources with the steadfast support of our mother church, strategic partnerships, and the vital assistance of county and national governments. Most importantly, we will achieve it with the help of dedicated champions and well-wishers like you.

This is more than a construction plan; it is a covenant for health. Together, we can turn this dream into a lasting legacy for our community. Join us on this journey

CALL TO ACTION

To transform this vision into a lasting legacy for our community, we need you. We warmly invite well-wishers, donors, and strategic partners to join us in this transformative journey. You can make a direct and tangible impact by adopting and sponsoring a specific item from our Big 8 Agenda, from funding a piece of surgical equipment to naming a room in the new medical college.

Your partnership is the key to unlocking this future. Together, we will not only build new facilities but also reshape the landscape of healthcare, ensuring every patient receives the high-quality, compassionate care they deserve.

To discuss partnership and sponsorship opportunities, please contact us at:

CEO's Office: ceo@methodisthospitalmaua.org

Or: mmhinfo@methodisthospitalmaua.org

Join us in making a lasting impact and building a healthier future for our community.

Appendix I
MAUA METHODIST HOSPITALGUIDING PHILOSOPHY

Vision, Mission, Motto and Core Values

Vision

All receive quality and compassionate healthcare in obedience to the great commandment (John 13:34).

Mission

To serve as a leading Christian referral and training institution providing high-quality, compassionate healthcare that demonstrates the power of the gospel.

Motto

Compassionate, faith-based care

Core Values

1. Honesty
2. Integrity
3. Respect
4. Courage
5. Teamwork
6. God-Fearing
7. Commitment
8. Accountability
9. Professionalism

These values shape our daily work and guide the journey of the Big 8 Agenda.

Appendix II
METHODIST COLLEGE OF HEALTH SCIENCES GUIDING PHILOSOPHY

Our Philosophy
Methodist College of Health Sciences is based on Christian principles and expects a high standard of education to provide quality Health care. This means all the staff and students are expected to have a caring attitude and possess self-discipline. The College reserves the right to discontinue the training of any student who fails to maintain the stipulated standards by the regulatory bodies and the college, or who fails to adhere to the moral code of behaviour as laid down. The staff are committed to providing all the necessary theoretical and practical supervision to our students

Mission
To create a healthy environment where students can learn skills, knowledge, attitudes, and Christian principles, and develop self-motivation and self-discipline, to serve as professionally competent nurses in all settings of health care provision.

Vision
To be a model Christian referral and training centre, producing excellent and competent health care professionals, able to provide unmatched services to the community, for the glory of God.

Core Values
1) Christian principles
2) Integrity
3) Honesty
4) Trust transparency
5) Accountability
6) Collaboration
7) Student –Centred approach to education
8) Good interpersonal relationships

Appendix III
BIG 8 AGENDA IMPLEMENTATION MATRIX

The tracker's purpose is to monitor and manage the phased, strategic implementation of the hospital's ambitious development plan, ensuring accountability and visibility for all foundational steps.

The Big 8 agenda implementation tracker-proposed

i. **Agenda Item**

The specific initiative being tracked (e.g., Theatre Expansion, Imaging Services, Funeral Home).

ii. **Component Category**

The individual tasks or deliverables required for each Agenda Item are categorized as either a Prerequisite (must be completed first) or a Corequisite (must progress concurrently).

iii. **Lead**

The responsible department or individual within the hospital (e.g., MMH - Project Manager, MMH - HRM, MMH - Biomed).

iv. **KPI (Key Performance Indicator)**

A concise statement defining the successful outcome or deliverable for that component.

v. **Timeline**

The estimated duration (in days) required to complete the component.

vi. **Progress Tracker**

The current implementation status of each component (e.g., 0% (not started), 50% moderately moving, 100% (completed)).

Agenda Item	Component	Category	Lead	KPI	Resource / Notes	Timeline	Start Date	Completion Date	Progress Tracker
Theatre Expansion	Infrastructure Designs	Prerequisite	MMH - Project Manager	Finalized architectural plans for 6 theatres (HVAC, Gas, Infection Control)	Blueprints required	15 days			0% (not started)
Theatre Expansion	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Theatre Expansion	Construction	Prerequisite	MMH - Project Manager	4 New Perioperative Theatre Shells constructed	Civil works	180 days			0% (not started)
Theatre Expansion	Equipment Procurement	Corequisite	MMH - Biomed	6 Anesthesia machines, C-Arm, Laparoscopic Tower installed	Equipment	180 days			0% (not started)
Theatre Expansion	Staffing	Corequisite	MMH - HRM	4 New Surgical Teams recruited (Surgeons, Nurses, Techs)	Specialized teams as specidied	180 days			0% (not started)
Theatre Expansion	Sterilization (CSSD)	Corequisite	MMH - Biomed	CSSD upgraded with new autoclave and shelving	CSSD unit	180 days			0% (not started)
Imaging Services	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Imaging Services	Infrastructure Mods	Prerequisite	MMH - Biomed / PM	Completed shielded room for CT Scan	Safety Compliance	60 days			75% (moving and near to completion)
Imaging Services	Infrastructure Mods	Prerequisite	MMH - Biomed / PM	Completed shielded room for Magnetic Isolation for MRI	Safety Compliance	360 days			0% (not started)
Imaging Services	Power Stability	Prerequisite	MMH - Biomed	UPS and Voltage Stabilization installed	Critical Power	60 days			0% (not started)
Imaging Services	Equipment Installation	Prerequisite	MMH - Biomed	CT scanner	Vendor Contracts	60 days			75% (moving and near to completion)
Imaging Services	Equipment Installation	Prerequisite	MMH - Biomed	MRI	Vendor Contracts	360 days			0% (not started)
Imaging Services	Equipment Installation	Prerequisite	MMH - Biomed	Mammogram	Vendor Contracts	240 days			0% (not started)
Imaging Services	Equipment Installation	Prerequisite	MMH - Biomed	Fluoroscopy	Vendor Contracts	360 days			0% (not started)
Imaging Services	Equipment Installation	Prerequisite	MMH - Biomed	POCUS	Vendor Contracts	180 days			0% (not started)
Imaging Services	Digital Integration	Corequisite	MMH - ICT	PACS/RIS integrated with MED360 for instant image access	Software	30 days			50% moderately moving
Imaging Services	Staffing	Corequisite	MMH - HRM	Radiologist Consultant & Technologists recruited	Specialized HR	191 days			0% (not started)
Imaging Services	Staffing	Corequisite	MMH - HRM	Radiologist Consultant onboarding	HRM MoUs	60 days			75% (moving and near to completion)
Imaging Services	Staffing	Corequisite	MMH - HRM	Radiographer/technicians recruitment	HRM MoUs	15 days			100% (completed)

Agenda Item	Component	Category	Lead	KPI	Resource / Notes	Timeline	Start Date	Completion Date	Progress Tracker
Funeral Home	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Funeral Home	Design & Licensing	Prerequisite	MMH - PM / MSM	Blueprints approved; Public Health/NEMA licenses secured	Regulatory	30 days			100% (completed)
Funeral Home	Facility Construction	Prerequisite	MMH - Project Manager	New facilities with Chapel, refrigeration, and embalming suite	Construction/Restru cturing	360 days			25% started with slow progress
Funeral Home	Fleet Acquisition	Corequisite	MMH - Logistics, HMT	2 Hearse vehicles procured and operational	Logistics	360 days			0% (not started)
Funeral Home	Staffing	Corequisite	MMH - HRM	Mortuary technicians, embalmers, and grief counselors hired	HRM	360 days			25% started with slow progress
Security	Survey & Design	Prerequisite	MMH - Project Manager	Boundary survey and structural wall design approved	Engineering	30 days			0% (not started)
Security	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Security	Wall Construction	Prerequisite	MMH - Project Manager	Full perimeter wall completed	Safety	360 days			0% (not started)
Security	Wall Construction	Prerequisite	MMH - Project Manager	2nd gate completed	Safety and access	360 days			0% (not started)
Security	Wall Construction	Corequisite	MMH - Project Manager	Commercial booths and face branding completed	Commercial/Brandi ng	360 days			0% (not started)
Security	Tech Installation	Corequisite	MMH - ICT	CCTV (20-30 cams), biometrics, and floodlights installed	Security Tech	360 days			0% (not started)
Security	Guarding	Corequisite	MMH - HRM	5-8 new security staff recruited and trained	Security Team	30 days			100% (completed)
University College	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
University College	Accreditation	Prerequisite	MMH - MSM / Mgmt	CUE Charter application & Curriculum vetting fees paid	Compliance	180 days			0% (not started)
University College	Infrastructure	Prerequisite	MMH - Project Manager	College expansion space identified and procured	Campus Exp.	180 days			25% started with slow progress
University College	Programs	Prerequisite	MMH - College Principal	New programs identified and approved with respective regualtory bodies	Campus Exp.	90 days			25% started with slow progress
University College	Programs	Corequisite	MMH - College Principal	Increasing awareness and enrollment of students to the new programs as per respective regualtory bodies	Campus Exp.	90 days			25% started with slow progress

Agenda Item	Component	Category	Lead	KPI	Resource / Notes	Timeline	Start Date	Completion Date	Progress Tracker
University College	Infrastructure	Prerequisite	MMH - Project Manager	Lecture halls, Science Labs, Library, & Hostels constructed	Campus Exp.	360 days			0% (not started)
University College	IT & Resources	Corequisite	MMH - ICT / Library	Wi-Fi, LMS, and digital library resources operational	Digital/Edu	180 days			25% started with slow progress
University College	Faculty Recruitment	Corequisite	MMH - HRM	Senior tutors and Registrars recruited	Academic faculties	360 days			0% (not started)
Outpatient Facelift	Redesign Plans	Prerequisite	MMH - Project Manager	Patient flow redesign and triage area blueprints finalized	Architecture	15 days			25% started with slow progress
Outpatient Facelift	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Outpatient Facelift	Renovation	Prerequisite	MMH - Project Manager	5-8 Private suites completed	Civil Works	90 days			0% (not started)
Outpatient Facelift	Renovation	Prerequisite	MMH - Project Manager	Cabro parking with signages completed	Civil Works	90 days			0% (not started)
Outpatient Facelift	Renovation	Prerequisite	MMH - Project Manager	Ramps and easy to access facilities provided completed	Civil Works	90 days			0% (not started)
Outpatient Facelift	Digital Queuing	Corequisite	MMH - ICT	Electronic queuing system & EHR integration installed	Patient Exp.	60 days			0% (not started)
Outpatient Facelift	Staff Training	Corequisite	MMH - HRM	100% staff trained in customer service & triage protocols	Soft Skills	30 days			0% (not started)
Lab Upgrade	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Lab Upgrade	Audit & Plan	Prerequisite	MMH - PM / Mgmt	Structural audit complete; ISO Consultant engaged	Quality/ISO	60 days			75% (moving and near to completion)
Lab Upgrade	Equipment Upgrade	Prerequisite	MMH - Biomed	Automated blood culture & high-throughput analyzers installed	Tech Upgrade	90 days			0% (not started)
Lab Upgrade	Digital LIS	Corequisite	MMH - ICT	Laboratory Information System integrated with MED360	Data/Records	30 days			100% (completed)
Lab Upgrade	ISO Certification	Corequisite	MMH - QA / Mgmt	ISO 15189 Accreditation achieved for new scope	Accreditation	90 days			25% started with slow progress
Specialized Clinics	Capital Funding	Prerequisite	MMH - Management	100% securement of construction & equipment capital	Donations and Revenue	90 days			0% (not started)
Specialized Clinics	Infrastructure	Prerequisite	MMH - Project Manager	Renal Unit ready	Specialty Infra	60 days			100% (completed)
Specialized Clinics	Infrastructure	Prerequisite	MMH - Project Manager	Oncology unit ready	Specialty Infra	60 days			50% moderately moving

Agenda Item	Component	Category	Lead	KPI	Resource / Notes	Timeline	Start Date	Completion Date	Progress Tracker
Specialized Clinics	Equipment	Corequisite	MMH - Biomed	6-8 Dialysis machines & 12 Infusion pumps installed	Med Tech	60 days			75% (moving and near to completion)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Nephrologist/physician onboarded	Specialists HRM MoUs	60 days			50% moderately moving
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Oncologist onboarded	Specialists HRM MoUs	60 days			0% (not started)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Specialized nurses recruited	Specialists HRM MoUs	60 days			50% moderately moving
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Urologist onboarded	Specialists HRM MoUs	30 days			0% (not started)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Cardio/physician onboarded	Specialists HRM MoUs	30 days			0% (not started)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Endocrinology/physician onboarded	Specialists HRM MoUs	30 days			50% moderately moving
Specialized Clinics	Staffing	Corequisite	MMH - HRM	ENT surgeon onboarded	Specialists HRM MoUs	30 days			50% moderately moving
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Pediatrician onboarded	Specialists HRM MoUs	30 days			75% (moving and near to completion)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Orthopedic Surgeon onboarded	Specialists HRM MoUs	30 days			100% (completed)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Reconstruction and plast surgeon onboarded	Specialists HRM MoUs	30 days			0% (not started)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Obstetric and Gynaecology onboarded	Specialists HRM MoUs	30 days			100% (completed)
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Neurologist/physician onboarded	Specialists HRM MoUs	30 days			50% moderately moving
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Infectious Disease specialist onboarded	Specialists HRM MoUs	30 days			25% started with slow progress
Specialized Clinics	Staffing	Corequisite	MMH - HRM	Gastro and endoscopy specialists	Specialists HRM MoUs	30 days			0% (not started)
Specialized Clinics	Service Launch	Corequisite	MMH - MSM	Dialysis services (Target as ** /Month)	Clinical Ops	15 days			50% moderately moving
Specialized Clinics	Service Launch	Corequisite	MMH - MSM	Oncology services (Target as ** /Month)	Clinical Ops	60 days			0% (not started)

Appendix IV
Bill of Quantities (BoQ) for the Maua Methodist Hospital Big 8 Agenda initiatives with estimated costs

Maua Methodist Hospital Big 8 Agenda BoQ Cost Estimates

Agenda 1

Scale-up of Surgical Services

Strategic Goal: Increase theatre capacity from 2 to 6 to handle all surgical cases.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Architectural & Engineering Blue-prints	1 Set	950,000	950,000
	Construction of 4 Theatre Shells	4 Units	11,500,000	46,000,000
	Specialized HVAC & Air Controls	6 Units	2,800,000	16,800,000
	Medical Gas Piping & Installation	4 Units	1,450,000	5,800,000
II. Equipment	Modern Anesthesia Workstations	6 Units	1,600,000	9,600,000
	High-Intensity Surgical Lights	6 Sets	480,000	2,880,000
	Articulated Operating Tables	4 Units	1,250,000	5,000,000
	Laparoscopic Tower (Minimally Invasive)	1 Unit	9,000,000	9,000,000
	Electrocautery Units	6 Units	380,000	2,280,000
	POCUS (Portable Ultrasound)	1 Unit	950,000	950,000
III. Post-Op	ICU/HDU Critical Care Beds	5 Units	450,000	2,250,000
	Ventilators for ICU	5 Units	3,800,000	19,000,000
	Monitoring Equipment (Vitals/ECG)	5 Units	320,000	1,600,000
IV. Sterilization	High-Capacity Autoclave Unit	1 Unit	4,500,000	4,500,000
	Industrial Laundry Machine (Linen)	1 Unit	1,800,000	1,800,000
AGENDA 1 TOTAL				**128,410,000**

Agenda 2

Enhanced Imaging Services

Strategic Goal: Establish a full-service regional diagnostic center (CT, MRI, Mammography).

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Shielded Room for CT Scanner	1 Room	3,200,000	3,200,000
	Magnetic Isolation Room (Faraday Cage)	1 Room	6,500,000	6,500,000
II. Equipment	64-Slice CT Imaging Machinery	1 Unit	68,000,000	68,000,000
	MRI Unit (1.5T)	1 Unit	98,000,000	98,000,000
	Digital Mammography System	1 Unit	16,500,000	16,500,000
	Digital OPG System (Dental)	1 Unit	4,800,000	4,800,000
	Echocardiogram & 3D Ultrasound	2 Units	4,200,000	8,400,000
	12-Channel ECG Machine	1 Unit	280,000	280,000

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
	High-Capacity UPS System	1 Unit	4,500,000	4,500,000
III. Digital	PACS/RIS Integrated System	1 System	7,200,000	7,200,000
IV. Regulatory	Licensing & Compliance (KNRA)	Lump Sum	850,000	850,000
AGENDA 2 TOTAL				**218,230,000**

Agenda 3

Comprehensive Funeral Home

Strategic Goal: Provide dignified body preparation and support services.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	New Mortuary & Chapel Building	1 Bldg	22,000,000	22,000,000
	Refrigeration Units (10-body capacity)	1 Unit	5,200,000	5,200,000
II. Equipment	Hearse Vehicles (High-Roof Customized)	2 Units	6,800,000	13,600,000
	Embalming Station & Furniture	1 Set	1,850,000	1,850,000
III. Training	Staff Training & Ethics Certification	5 Staff	150,000	750,000
AGENDA 3 TOTAL				**43,400,000**

Agenda 4

Strengthening Perimeter Wall Security

Strategic Goal: Fortify hospital grounds with stone wall and 24/7 monitoring.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Stone Perimeter Wall Construction	1,200 m	14,000	16,800,000
	Razor Wire & Electric Fencing	1,200 m	2,800	3,360,000
II. Technology	IP-CCTV Cameras & DVR	30 Units	75,000	2,250,000
	Automated Gates & Boom Barriers	4 Points	950,000	3,800,000
	High-Intensity Perimeter Floodlights	40 Units	28,000	1,120,000
III. Human Cap.	Security Staff Specialized Training	8 Staff	120,000	960,000
AGENDA 4 TOTAL				**28,290,000**

Agenda 5

Expansion to University College

Strategic Goal: Transition MCHS into a constituent University

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Main University Administration Block	1 Block	48,000,000	48,000,000
	Student Hostels & Common Areas	1 Unit	38,000,000	38,000,000
	Specialized Simulation/Skills Labs	1 Unit	15,000,000	15,000,000

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
	Student Movement and logistics vehicles	2(54 capacity bus and 28 executive capacity minibus)	10,000,000	20,000,000
II. Technology	LMS & Student Information System	1 System	1,800,000	1,800,000
	High-Speed Wi-Fi & Servers	1 System	3,500,000	3,500,000
III. Regulatory	CUE Charter Application & Accreditation	Lump Sum	4,200,000	4,200,000
IV. Human Cap.	Senior Faculty Recruitment & Training	Lump Sum	6,500,000	6,500,000
AGENDA 5 TOTAL				**137,000,000**

Agenda 6

Outpatient Facelift and Restructuring

Strategic Goal: Enhance patient experience through flow redesign and specialized wings.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Paving Parking & Internal Streets (Cabro)	2,500 sqm	2,200	5,500,000
	Consultation Suite Partitioning (8 units)	1 Set	7,800,000	7,800,000
	Corporate Signage & Accessibility Ramps	Lump Sum	2,400,000	2,400,000
II. Technology	Digital Patient Queuing System	1 System	1,950,000	1,950,000
	EHR Integration Hardware	15 Units	145,000	2,175,000
III. Equipment	Triage Station Digital Monitors	5 Units	110,000	550,000
AGENDA 6 TOTAL				**20,375,000**

Agenda 7

Laboratory Upgrade and ISO Accreditation

Strategic Goal: Achieve gold standard testing with automated diagnostic tech.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Infrastructure	Laboratory Renovation & Sample Chute	1 System	4,500,000	4,500,000
	Biosafety Cabinets (Class II)	2 Units	950,000	1,900,000
II. Equipment	Automated Blood Culture & PCR Machines	2 Units	6,200,000	12,400,000
	High-Throughput Analyzers (3-unit set)	1 Set	11,500,000	11,500,000
III. Digital	Lab Information System (LIS)	1 System	3,800,000	3,800,000
IV. Compliance	ISO 15189 Consultant & Audit Fees	Lump Sum	2,600,000	2,600,000
AGENDA 7 TOTAL				**36,700,000**

Agenda 8

Specialized Clinics and Wings

Strategic Goal: Launch Dialysis, Oncology, and Neonatal ICU services.

CATEGORY	ITEM/MATERIAL/RESOURCE	EST. QTY	UNIT COST (KSH)	SUB-TOTAL (KSH)
I. Dialysis	Hemodialysis Machines	8 Units	2,200,000	17,600,000
	Reverse Osmosis (RO) Water Plant	1 Unit	4,800,000	4,800,000
II. Oncology	Chemotherapy Compounding Hood	1 Unit	3,800,000	3,800,000
	Specialized Infusion/Syringe Pumps	12 Units	165,000	1,980,000
	Oncology Specialty Furniture (Recliners)	15 Units	180,000	2,700,000
III. NICU	Neonatal Incubators & Photo-therapy	4 Sets	1,450,000	5,800,000
IV. Renovation	Inpatient Wing Layout & Engineering	Lump Sum	18,500,000	18,500,000
AGENDA 8 TOTAL				**55,180,000**

The Big 8 Agenda Consolidated Summary Cost

AGENDA	INITIATIVE NAME	ESTIMATED TOTAL (KSH)
1	Scale-up of Surgical Services	128,410,000
2	Enhanced Imaging Services	218,230,000
3	Comprehensive Funeral Home Services	43,400,000
4	Perimeter Wall & Security Upgrade	28,290,000
5	University College Expansion	137,000,000
6	Outpatient Facelift & Restructuring	20,375,000
7	Laboratory Upgrade & ISO Certification	36,700,000
8	Specialized Clinics & Wings	55,180,000
GRAND TOTAL	**Combined Investment Estimate**	**667,585,000**

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