



MED SCOPE



MKRH UNVEILS NEW

GE REVOLUTION MAXIMA 128-SLIDES CT SCANNER

Mwai Kibaki Referral Hospital has reached a transformative milestone with the installation and commissioning of the new GE Revolution Maxima 128-slice CT scanner—an achievement that marks significant progress for the hospital and the entire community it serves. Acquired in partnership with GE, this state-of-the-art imaging technology sets a new standard for diagnostic excellence, promising enhanced accuracy, efficiency, and improved patient outcomes.



Training session with the MKRH radiographers for the new CT Scanner

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To ensure successful implementation, GE specialist Mr. John Wachira conducted an intensive three-day training program for three MKRH staff members. The training covered both theoretical and practical components, allowing the team to gain hands-on experience, refine their technical skills, and master optimal CT image acquisition and patient handling. According to the participants, the sessions were exceptionally enlightening and equipped them with the confidence and competence to operate the machine independently with precision. During the training period, all patients who presented for CT services were attended to free of charge. This ensured uninterrupted access to diagnostic care while reinforcing MKRH's commitment to compassionate service delivery. Since transitioning to full independent operation, the number of clients seeking CT services has steadily increased, bolstered significantly by enrollees under SHA, which is

currently covering the full cost of CT scans.

According to the Head of Unit, the installation of the GE 128-slice CT scanner represents far more than an equipment upgrade—it is the fulfillment of a long-held dream. Renowned for its exceptional image quality, the scanner delivers high-resolution, detailed visualization of internal structures with remarkable accuracy. This clarity supports faster, more precise diagnoses, empowering clinicians to make well-informed decisions that enhance patient management and outcomes.

Its clinical impact is profound. Conditions ranging from trauma and stroke to cancer and vascular diseases can now be detected and monitored with greater speed and accuracy. "Indeed, with this CT scan, many patients will go home through the front gate rather than the back gate," noted the Head of Unit—a powerful reflection of how improved diagnostic capability can lead to life-saving interventions and better

prognoses.

The arrival of this advanced CT scanner symbolizes progress, hope, and a bold step forward in delivering quality healthcare to the community. MKRH extends its heartfelt gratitude to the hospital management, stakeholders, and all individuals whose dedication and collaboration made this transformational project possible.

At the Mwai Kibaki Referral Hospital Radiology Department, one guiding principle remains steadfast: Imaging is the eye of medicine—and your health is our commitment.



The Senior Management Committee of Mwai Kibaki Referral Hospital (MKRH) has formally inaugurated the "Adopt a Bed" campaign through a generous donation of six patient beds. This strategic initiative extends an invitation to stakeholders across various sectors to contribute by procuring patient and Critical Care Unit (CCU) beds, thereby bolstering the hospital's operational capacity.

Acting Chief Executive Officer Dr. Peter Muiruri, accompanied by the Acting Director of Clinical Services Dr. Wycliff Soita and Director of Finance and Administration Mr. Jonah Jakoyo, commended the committee for establishing a commendable precedent. MKRH, designated as a 350-bed Level 6 teaching and referral facility, encountered significant bed attrition following rigorous COVID-19 fumigation protocols, rendering numerous units irreparable. The recent expansion of the CCU from six to 21 beds has further accentuated this pressing requirement. Superior patient beds constitute indispensable healthcare assets, transcending mere comfort to facilitate recovery, mitigate risks, and elevate caregiver efficacy. Their engineered attributes address diverse clinical needs, yielding enhanced health outcomes.

Key advantages encompass:

Accelerated Recovery: Precision positioning, such as Fowler's, Trendelenburg, or cardiac chair configurations, optimizes respiratory efficiency, circulation, and edema reduction, thereby supporting physiological healing mechanisms.

- **Risk Mitigation:** Innovative mattresses employing air cell or dynamic redistribution technologies, coupled with repositioning capabilities, avert pressure ulcers prevalent among immobile or prolonged-bedrest patients.
- **Improved Rest:** Adaptable mechanisms enable optimal repose, fortifying immune

MKRH LAUNCHES "ADOPT A BED" CAMPAIGN



response, alleviating psychological strain, and fostering mental resilience during convalescence.

- **Procedural Facilitation:** Stable platforms streamline interventions like wound management, pharmacotherapy, and physiotherapy, benefiting patients and clinicians alike.

Path to Excellence

Pursuant to Gazette Notice 148, MKRH has attained autonomy as a premier multi-specialty teaching and referral hospital, embarking on a rigorous transformation to emerge as a centre of excellence in comprehensive healthcare delivery. The "Adopt a Bed" campaign represents a pivotal opportunity for collective stewardship in this evolutionary journey.

MKRH SURGEONS SUCCESSFULLY PERFORM RARE, COMPLEX CRANIOFACIAL SURGERY



Mwai Kibaki Referral Hospital has successfully conducted a rare and complex 11-hour multidisciplinary surgery to treat extensive craniofacial fibrous dysplasia in 66-year-old Joyce Wagaki Mugetha. The operation brought together specialists from neurosurgery, ENT, maxillofacial surgery, and perioperative care. The surgery began at 9:00 AM under the leadership of Dr. Soita (Neurosurgeon). The team performed a technically demanding fronto-occipital craniotomy, taking close to an hour to cut through the unusually dense dysplastic bone. After lifting the bone flap, subdural calcification was noted, and the neurosurgery team meticulously resected the diseased bone. The second phase was led by Dr. Muturi (ENT Surgeon), who

performed a canal wall down mastoidectomy to address the patient's long-standing otologic disease. This stage proceeded smoothly without complications. Reconstruction was then undertaken by Dr. Ndung'u (Maxillofacial Surgeon), who restored the cranial defect using a titanium cranial mesh reinforced with the temporalis muscle. A surgical drain was placed to support postoperative healing. Critical perioperative support was provided by Dr. Kimani (Senior Dental Officer) and Dr. Michael Gathege (Senior Medical Officer). Beyond their role in preoperative optimization, the two clinicians completed the operation by performing the primary wound closure with precision and care. The operation concluded

at approximately 8:00 PM, after which the patient was transferred to the ICU for close monitoring. She remained stable throughout and was later moved to the general ward. She continues to recover well, with excellent wound healing and stable neurological status. This successful surgery reflects MKRH's commitment to delivering high-level, patient-centered care through teamwork, innovation, and rigorous surgical planning. The seamless coordination among neurosurgery, ENT, maxillofacial surgery, and perioperative teams demonstrates the hospital's capability to manage complex and rare craniofacial conditions.

EMPOWERING LOCAL COMMUNITY HEALTH



Mwai Kibaki Referral Hospital staff during the free medical and legal camp at Ihururu Primary School, in partnership with the Office of the Tetu Member of Parliament, Hon. Geoffrey Wandeto.



Ms. Doreen Waeni, a nurse at MKRH offers community members free blood pressure screening as part of Mwai Kibaki Referral Hospital's commitment to early detection and prevention of lifestyle-related diseases.

Ms. Purity Mutanu a nurse, performs random blood sugar testing, to help identify individuals at risk of diabetes and promote timely medical intervention.



Ms. Jennifer Migunde, a clinical nutritionist did BMI checks of attendees and offered personalised dietary advice, empowering community members to make informed nutrition and lifestyle choices.

PROTECT Your Health, SECURE Your Future!

–One Shot at a Time!



MWAI KIBAKI
REFERRAL HOSPITAL

VACCINES AVAILABLE

- ✔ Yellow Fever
- ✔ Typhoid
- ✔ Hepatitis B (Adult & Peads)
- ✔ Hepatitis A (Adults)
- ✔ Measles, Mumps & Rubella
- ✔ Adacel Polio
- ✔ Flu
- ✔ Meningococcal
- ✔ Pneumococcal
- ✔ Chicken Pox



Open
Mon-Fri
8am-4pm

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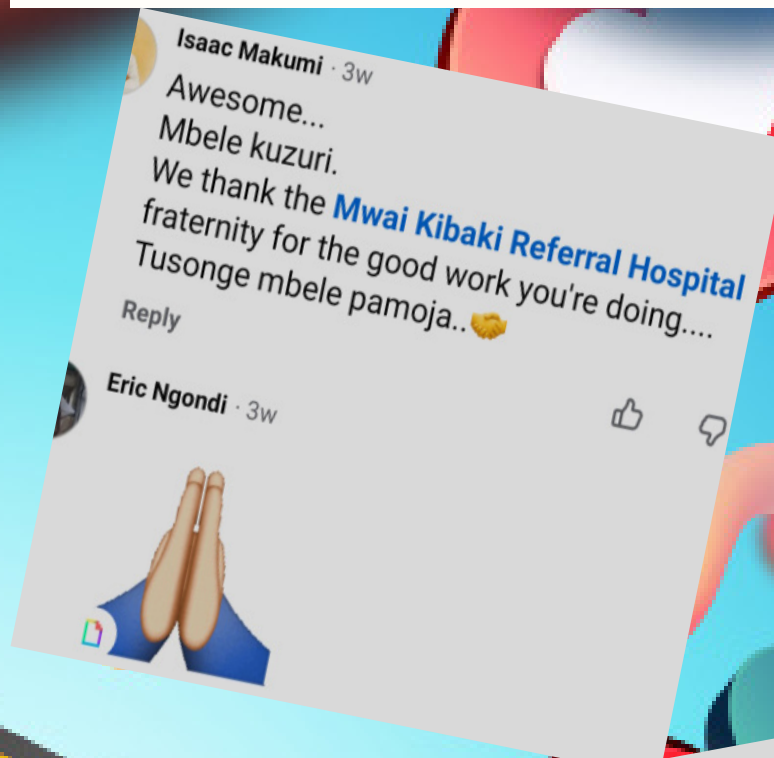


mwai kibaki hospital

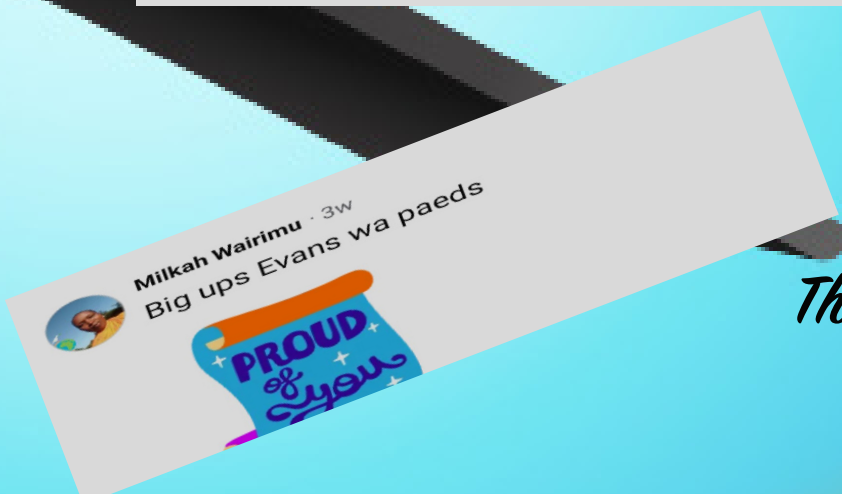
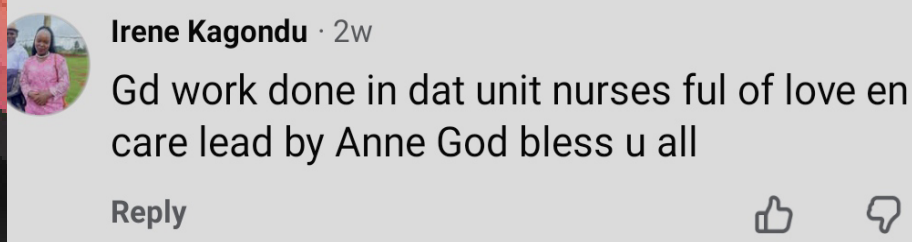
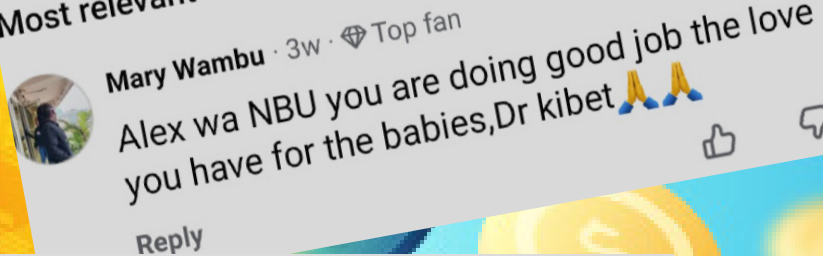


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POSITIVE COMMENTS



Most relevant ▾



Thank you for your feedback



MKRH now offering CT Scan services, giving patients access to advanced imaging without traveling far



Echocardiography training camp held at MKRH led by Dr. Nguchu MKRH Cardiologist in partnership with KCS



MKRH attended a medical camp at Ihururu primary school in collaboration with Tetu MP Hon.Wandeto where the teams were bringing healthcare services close to the people



EDITORS NOTE:

As we approach the close of another eventful year, take a moment to pause and reflect on the collective achievements, challenges, and growth we've experienced together. It's a time to celebrate the dedication and resilience shown by every member of our team, acknowledging how each contribution has shaped our progress. Looking back allows us to appreciate our journey and prepares us to embrace the opportunities and goals of the coming year with renewed energy and commitment. Let us also take this opportunity to express our gratitude for your hard work and unwavering spirit. Together, we look forward to building on this foundation to reach even greater heights in the year ahead.

Mr. Julius Ita
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please contact the editorial team, or the Marketing &
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