



ANNUAL REPORT

2008



MYUNGSUNG CHRISTIAN MEDICAL CENTER

ADDIS ABABA, ETHIOPIA



Introduction

About us

The Myung Sung Christian Medical Center (MCM), located in Addis Ababa, Ethiopia, was established by the Myung Sung Presbyterian Church of South Korea to provide quality health care to the people of Ethiopia and to train Ethiopian medical professionals.

MCM has both foreign and Ethiopian medical personnel who are motivated and committed to taking care of the medical needs of patients who enter the hospital.

Being the first state-of-the-art hospital in Addis Ababa, our hospital offers personal and professional health care service to all. We also reach out to the rural areas of the country through our mobile clinics. We provide monetary aid to many patients who are too poor to afford treatment. In addition, all year long medical professionals come from counties all around the world (Korea, United States, Norway, Canada, etc) to provide medical care, oftentimes free) to the neediest of the patients.

MCM seeks to collaborate with any like-minded organization or foreign medical faculty interested in developing training facilities for Ethiopia's medical professionals and to give on-the-job instruction.



Monument in front of MCM

Our Mission

The mission of MCM is to show the love of Jesus Christ by serving the medically disadvantaged population in Ethiopia in conjunction with other mission organizations and the evangelical churches of Ethiopia. It is our hope that, in doing so, people may attain eternal life which is given to all who accept Jesus Christ as their Lord and Savior.

Our Vision

The vision of the Myung Sung Christian Medical Center (MCM) is to see a self-sustained Ethiopian community by providing compassionate health care and community development projects in the name of Jesus Christ.

Purpose of MCM

To provide quality training and clinical care and to increase health service coverage in Ethiopia.



Sunday Service of Myung Sung Church

Changes and Developments

During 2008 MCM undertook many changes and improvements. These changes helped to strengthen our position as the hospital and health-care provider of choice for Ethiopia.



1. Trauma Unit

There are some major changes in 2008. One of them is the establishment of the first Trauma Center in Ethiopia at MCM to improve the competence of Ethiopian medical and nursing staff in modern assessment and treatment in modern traumatology. It will open on March 2009.

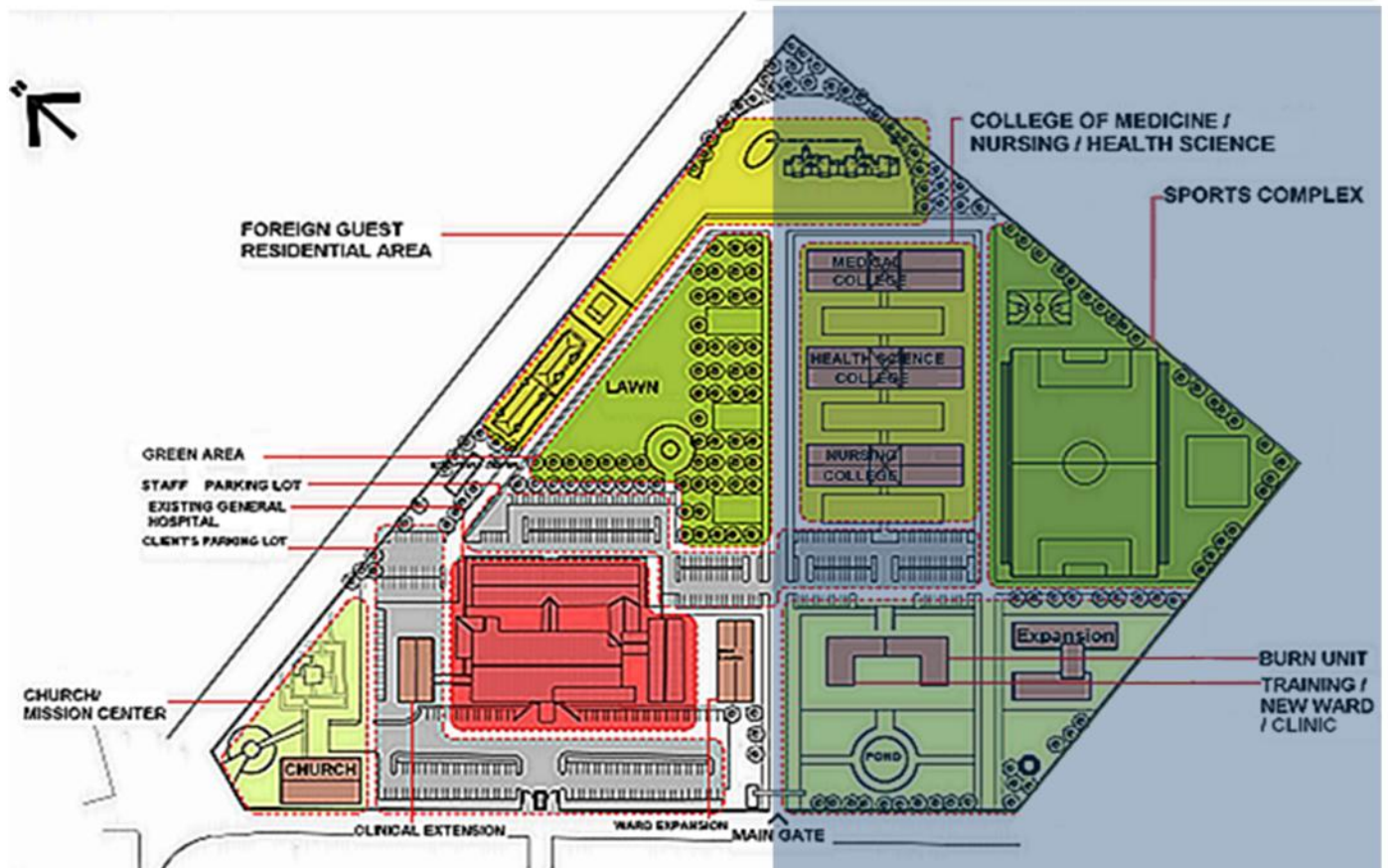
2. Burn Unit

Another major change is the establishment of a Burn Treatment Center, which will open on May, 2009. The only other Burn Unit

existing in Ethiopia is located at Yekatit Hospital. The Burn Unit of MCM will provide care to Ethiopians and surrounding countries.

3. New Guest House

A new guest house is already under construction and will be completed on May 2009. The new guest house consists of 12 units, each unit has 3 rooms, a kitchen, and a big living room. This new guest house is for volunteers who come with their family.



Outpatient Services



Lining the walls of a long hallway are 16 examination rooms, each equipped with modern examination tables, a computer, and staffed with a specialist and/or general practitioner. This is MCM's outpatient department.

The specialists who have offices here include internal medicine, general surgery, neurosurgery, orthodontic surgery, Ob-Gyn, neuropsychiatry, and pediatrics.

Patients come from all over Addis Ababa and the countryside to receive medical treatment at MCM. Most of our doctors work every weekday and Saturdays, and are on call 24 hours a day. We currently offer 24-hour general medicine and pediatric

service.

Outpatient Doctors		Outpatient Visits(2008)	
• General Practitioners	8	• New Patients	21,516
• Specialists	15	• Repeat Patients	57,870
		• Total Patients	79,386

Patient Increment		
2006	2007	2008
42,746	53,637	79,386



Inpatient Services

Inpatient services consist of the Medical Ward and the Surgical Ward as well as a private/semi-private ward.

We have four types of ward rooms in our hospital: the general ward room (up to five patients), second class room (two patients), first class room (one patient), and the VIP room (an exclusive suite).



Round-the-clock care is given by nurses and aides. All other staff are on call 24 hours a day.



Inpatient Treated in 2008

- Number of Admissions 4,530
- Number of Discharges 4,508
- Average Days per Stay 7 days

Neurosurgery

MCM has a partnership agreement with the

- Ministry of Health, Ethiopia
- Addis Ababa University Medical Faculty/ Black Lion Hospital
- Institute of Surgical Science, University of Bergen, Norway

for neurosurgical training.



This project:

provides training and courses for national staff at various levels in the proper treatment of neurosurgical ailments

established a neurosurgery department which serves as a model for other health institutions.

Involved Neurosurgeons

Name	Nationality	Position & Work Place
Dr. Knut G. Wester	Norway	Chairman of Department of Neurosurgery at Haukeland University Hospital, Norway
Dr. Wallstedt Lars	Sweden	Former Head of Department of Neurosurgery at Karolinska University Hospital, Sweden
Dr. Christian Kruse-Larsen	Denmark	Former Senior Consultant Neurosurgeon of Department of Neurosurgery at Aarhus University Hospital, Denmark
Dr. Kee B. Park	USA	Chief of Neurosurgery Section at Southeast Missouri Hospital, USA

General Surgery

MCM has four operating theaters outfitted with modern instruments, tables, lights, anesthesia machines, and oxygen tanks.

All types of general surgeries (both major and minor) are possible in our operating rooms. The professionalism and experience of our staff, along with the modern and clean operating rooms are some of the major reasons why our surgery department is so highly regarded. Operations are performed by both foreign as well as Ethiopian surgeons. We benefit a lot from expatriate health professionals by means of knowledge transfer and hands-on training for our local staff.



Top Ten Major Surgeries
Cholecystectomy
Caesarean Section
Appendectomy
Cleft Lip/Palate Repair
Open Reduction /Internal Fixation
Craniotomy
Club Foot Correction
Ventriculo-peritoneal Shunt
Prostatectomy
Thyroidectomy

Top Ten Minor Surgeries
Excision of Mass
Debridement and Dressing
Manipulation + Plaster of Paris
Cystoscopy
Manipulation under Anesthesia
Proctoscopy
Corn Excision
Chest Tube Insertion
Abscess Drainage
Circumcision

**Total Number of Surgeries
Performed in 2008**

2,982

ICU / Recovery / ASU

ICU (Intensive Care Unit)

The ICU at MCM is used for the most critical patients. It is equipped with centralized 24 hour oxygen, vacuum supply units, and two ventilators. There are 5 beds each with its own patient monitor.

Recovery Room

The recovery room is used for before surgery care immediately and for postoperative care. Patients will stay here for stabilization or monitoring until they are able to move to the ward.

ASU (Ambulatory Surgery Unit)

There is a bed for ambulatory care. Minor procedures on an outpatient basis are performed in this care unit. After these types of procedures, the patient is usually discharged within the same day.



Physical Therapy

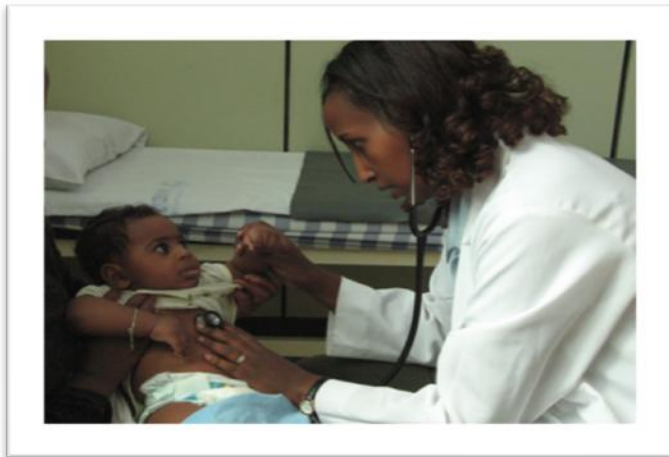
Upon entering the physical therapy room in MCM, one is put at ease by soothing music. And upon seeing the nurses (usually tending to a patient) one notes their friendliness and gentleness.

This is because our physical therapy room is designed to bring relaxation and soothing relief to patients who suffer from injuries and disability. Our physical therapist and his assistant provide many types of Western therapy and Eastern style massage therapy as well.



Pediatrics

MCM's pediatric department sees to it that children who come to MCM receive the best care possible. Our pediatricians see a wide variety of diseases, ranging from tuberculosis to a simple stomach ache. With their training and experience behind them, our pediatricians are ready to diagnose the children's illnesses and recommend their treatments.



Top 5 Reasons for Pediatric Clinic Visits

Upper Respiratory Tract Infection

- Tonsillitis
- Acute Otitis Media
- Flu

Intestinal Parasites

Reactive Airway Diseases

Allergic Skin Diseases

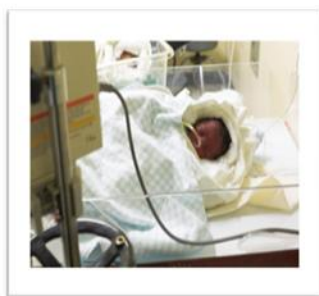
- Eczema
- Atopic Dermatitis
- Seborrhic Dermatitis

Post-natal Follow-up

Labor and Delivery

MCM provides 24-hour obstetric service for laboring mothers. Many of our patients have high-risk pregnancies. Some of them are referrals from other hospitals. To care for at-risk patients, we have highly trained obstetricians and nurses.

If, during labor, it is determined that a C-Section is required, the Labor Room is located next to the Surgery Unit. Thus the mother-to-be can be quickly and safely transported to the OR.



Deliveries in 2008

- Normal Deliveries 195
- Caesarean Section 352

Neonatal ICU



Following delivery, the NICU (Neonatal Intensive Care Unit) is available with 24-hour coverage by pediatricians and nurses specially trained to care for those babies in need..

Ethiopia is a country with high infant mortality (77 per 1000 live birth). All of the babies who arrive in NICU at our hospital are in very serious condition, usually very much underweight and struggling with some kind of complication of premature birth. Most of the babies are brought from other hospitals in Ethiopia.

In the last two years, 2007 and 2008, over 1000 infant patients were admitted to our hospital. It is, however, hard to provide the best quality of treatment to the patients with current facilities. Soon we expect to begin an expansion of the NICU so we can care for more of these difficult patients, we are recruiting neonatal experts from abroad to establish a world class neonatology service.



Top 5 Reasons for NICU Admissions

Premature Delivery

Respiratory Distress

- Congenital Pneumonia
- Meconium Aspiration Syndrome
- Hyaline Membrane Disease

Perinatal Asphyxia (PNA)

Neonatal Hyperbilirubinemia

Infections

- Neonatal Sepsis
- Meningitis

Radiology

Our Radiology Department provides support to our other clinical departments. It uses state-of-the-art equipment to investigate patient complaints using everything from X-Rays to Angiograms (see attached chart). This department also trains interns from nearby colleges by giving them hands-on experience in using these machines.



Types of Examinations Available

Angiogram

Brain Endoscope

C-arm Fluoroscope

CT Scan

Doppler Ultrasound

Fluoroscope

Microscope X-Ray

Portable X-Ray

Normal X-Ray

Dentistry

The MCM Dental Clinic is open on Monday mornings and Saturdays. On these days, the office is usually crowded with patients seeking dental treatment. Also, occasionally a dentist will come in upon special request from one of our customers.

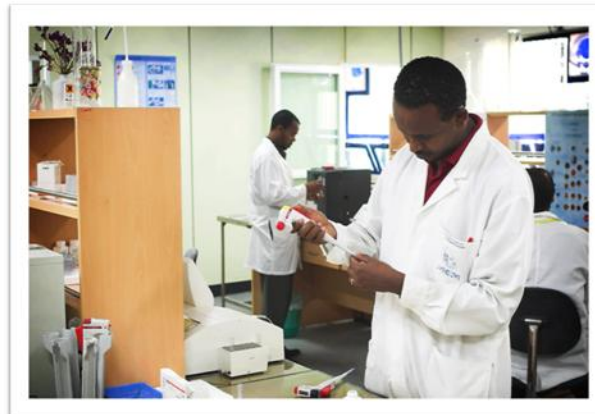
Our dentists work not only at MCM, but also accompany our mobile clinics to give free oral care. Surgery is also performed to repair cleft lips.

Because dental services are not often found in a hospital setting, we feel blessed to be able to offer such a service. We actively are soliciting volunteer dentists from other countries to come and help expand our dental services.



Laboratory

With a well-trained staff, and modern equipment, the lab meets most of the day-to-day laboratory examination needs at MCM. Whether they are performing blood, urine, or stool exams, or any other kind of test, our team of lab technicians works diligently to expedite the results. They then disseminate that information to the pertinent departments through the office computerized communication system network.

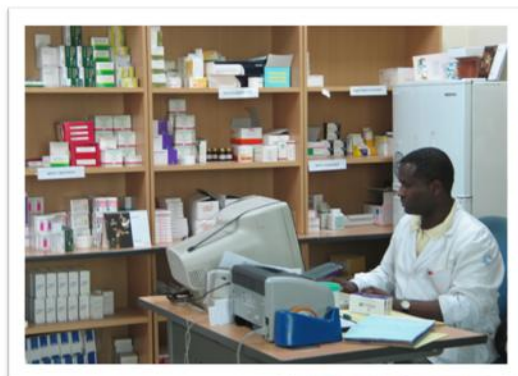


Examination Type	Comments
Chemistry	For examining bodily chemicals such as blood sugar, electrolytes, proteins, and many others
Hematology	Major hematological problems include leukemia, leukocytosis/leukopenia, and anemia.
Serology	Includes tests for H. pylori , STDs, Rheumatoid Factor, and semen analysis.
Urinalysis	Analyzes urine samples to assess kidney and metabolic problems.
Bacteriology	Tests for any bacterial cause of infection, diseases, and common ailments. Also used to rule out viral causes.

Pharmacy

The Pharmacy at MCM is well stocked to provide various medicines to our outpatients and internal wards.

We do occasionally receive donations of medicines from abroad. However, the majority are purchased within Ethiopia from those available according to the pharmaceutical formulary of the country.



Top Drug Categories

Anti-Ulcer

Anti-Inflammatory

Antibiotic

Analgesic

Antipyretics

Emergency Room-Trauma Unit



Location on the Ring Road, the Emergency Room (ER) allows for our ambulance to easily transport patients from accidents, from other hospitals, and from the homes of those patients in distress. Our ER can simultaneously accommodate up to 12 patients. Each hospital bed has a centralized supply of oxygen and vacuum suction. Also available are patient monitors, defibrillators, EKGs, nebulizers, portable X-rays, and the necessary emergency drugs. There is always a senior nurse and a general practitioner on standby, and specialists are on call to attend to a medical emergency.

Furthermore, we have good coordination among other departments within our hospital, enabling us to quickly move a patient to the appropriate department upon admittance. These factors, in addition to our minor operations room (to ease traffic in the OR for major operations), allows MCM to quickly and effectively respond to all types of emergencies.

The one of big changes in emergency room in 2008 is the establishment of the first Trauma Unit in Ethiopia. The trauma unit at MCM will be staffed, equipped and run according to modern principles.



The Trauma Care Ethiopia (TCE), a Norwegian foundation, which is closely connected to Stavanger University Hospital, Norway, is responsible for running the trauma unit. The trauma unit will be a great tool to build up competence and capacity in emergency medicine/ traumatology in Ethiopia.

ER Visits (New)

· 2007	3454
· 2008	4807

Community Outreach

MCM provides aid, assistance and outreach to the local community, the region, and all of Ethiopia in several ways.

A. Needy Patients' Support

MCM supports the most needy of patients with funding for medical treatment.

Patients Helped		
2006	2007	2008
1,323	2,847	3,789



B. Mobile Clinics

From time to time MCM sends a team of doctors and other personnel to very poor areas of the country where medical care is almost non-existent. Every year, over 5000 patients get medical treatments.

C. Free Operations

During the year, many volunteer physicians from abroad come to Ethiopia to provide care to patients, including surgery at no cost.

2005 - 2007 : 118 free operations given

2008 : 79 free operations given

History of MCM

Relations between Korea and Ethiopia grew close during the Korean civil war in 1950-53. It was during this time of intense trouble in Korea's history that Ethiopia came to the assistance of Korea by sending its troops under U.N. leadership. This military support was of utmost importance to Korea; therefore, Koreans feel obligated to support Ethiopia in its effort to develop as a nation. As a result of Reverend Sam Hwan Kim's (senior pastor of the Myungsung Presbyterian Church) visit to Ethiopia, a beautiful and open area of nine hectares was given to Myungsung International Development by the city of Addis Ababa in 1996 for the construction of a hospital.

Located in the capital city of Ethiopia, Addis Ababa, The Myungsung Christian Medical Center (MCM) started its operations on November 25, 2004. It was outfitted with top of the line facilities and has, since then, been treating an increasing number of patients. From the beginning, the objective of the hospital has been to meet the healthcare needs of the Ethiopian people and further the development of medical professionals in this struggling country.

It is by the grace of God that the Myungsung Christian Medical Center can be a small token of appreciation from Korea to Ethiopia. It is the Korean way of giving back to the community, and we hope that it will be a vessel of relief to the sick and dying. We believe that the MCM will be a tool for God's healing hand in Ethiopia.

