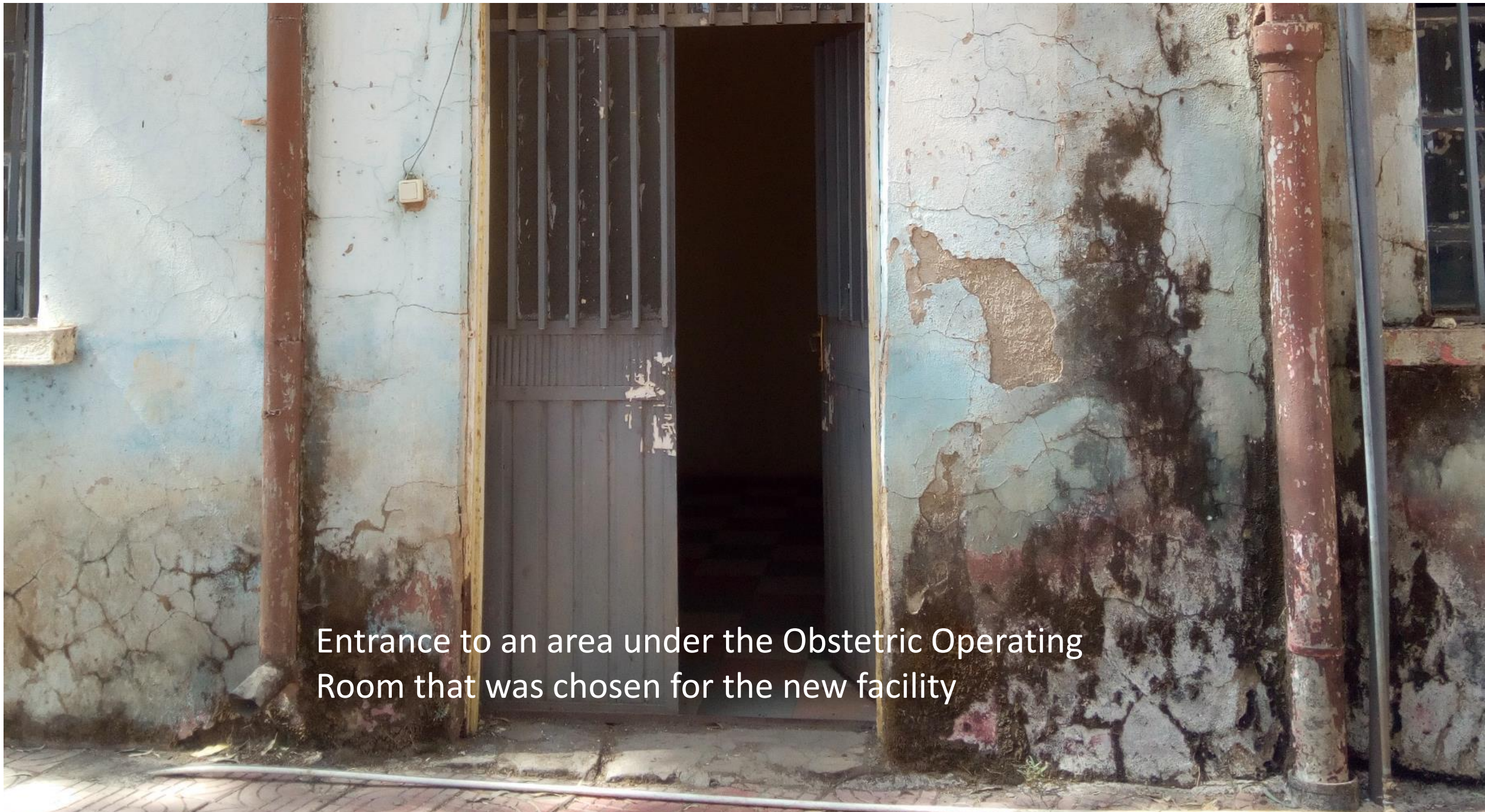


Photos of the Perinatal Laundry and Sterilization Facility University of Gondar Hospital

Providing Safe Deliveries for Mothers and Babies

GG2094220

Getting Started: Renovation of Existing Space



Entrance to an area under the Obstetric Operating Room that was chosen for the new facility



Three separate rooms were transformed into four.



Some rooms had been used for storage

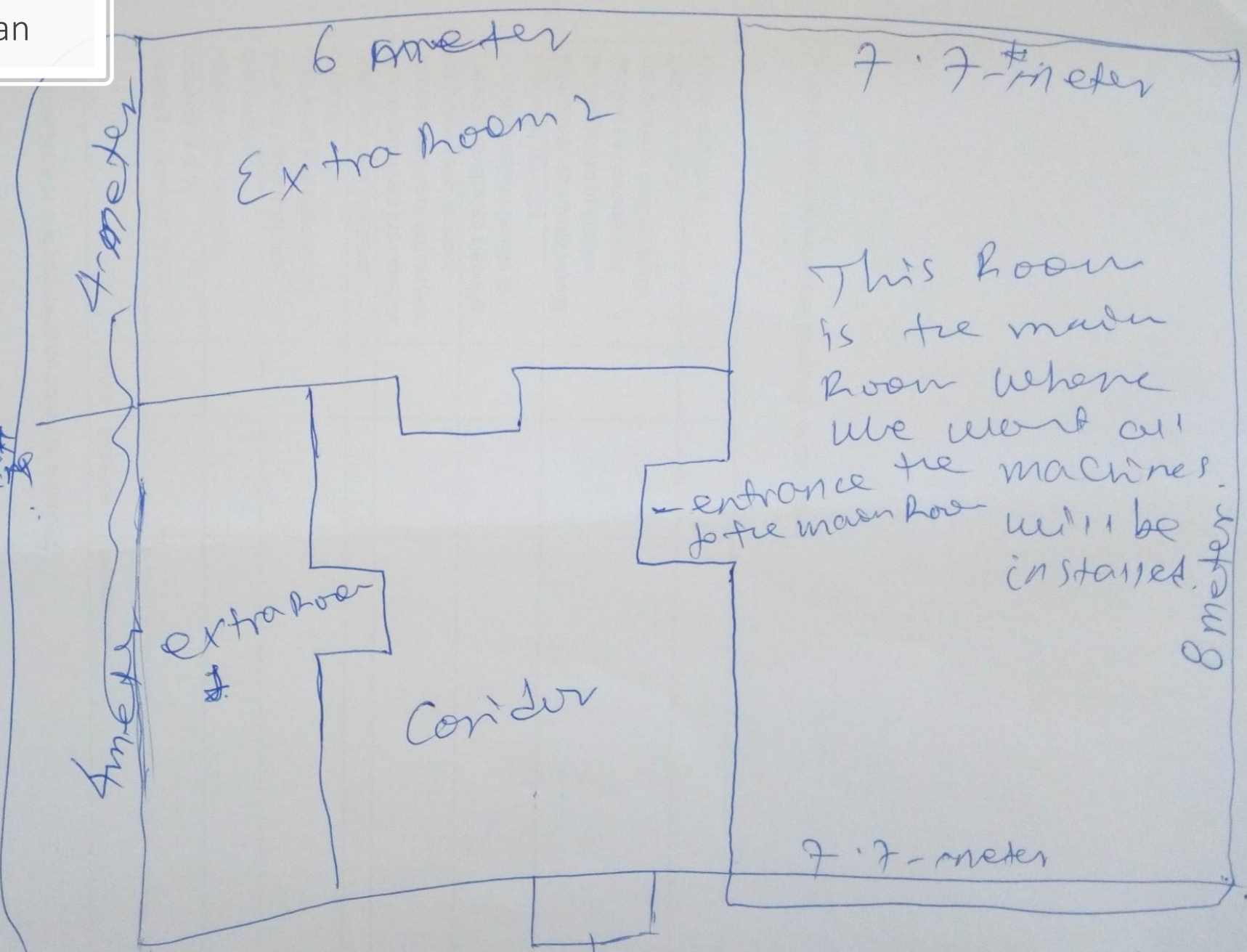
Another room had been used as a conference room



Plans for the Facility

The Plans started with a hand drawn existing floorplan

North

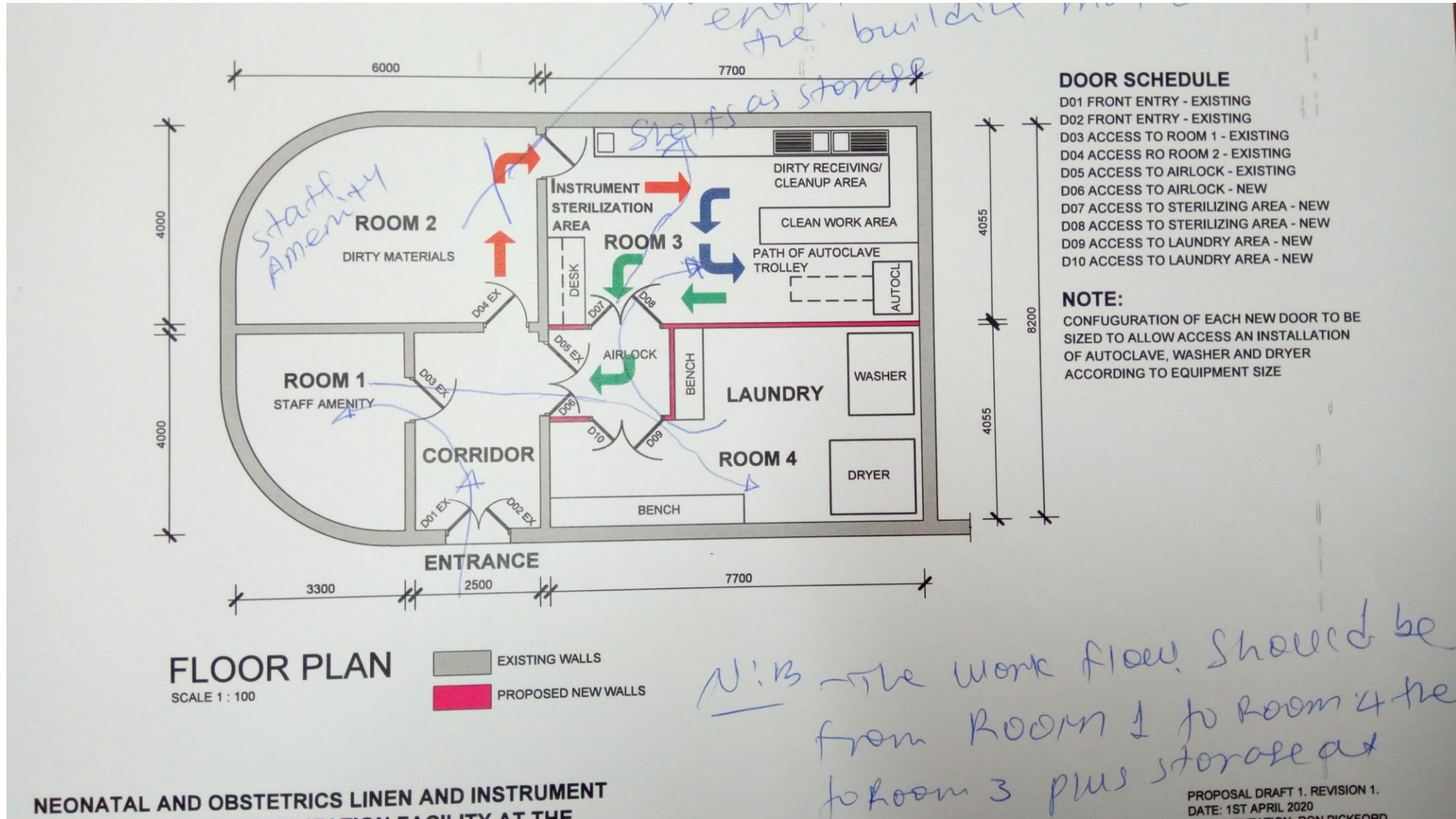


The floor of the main building

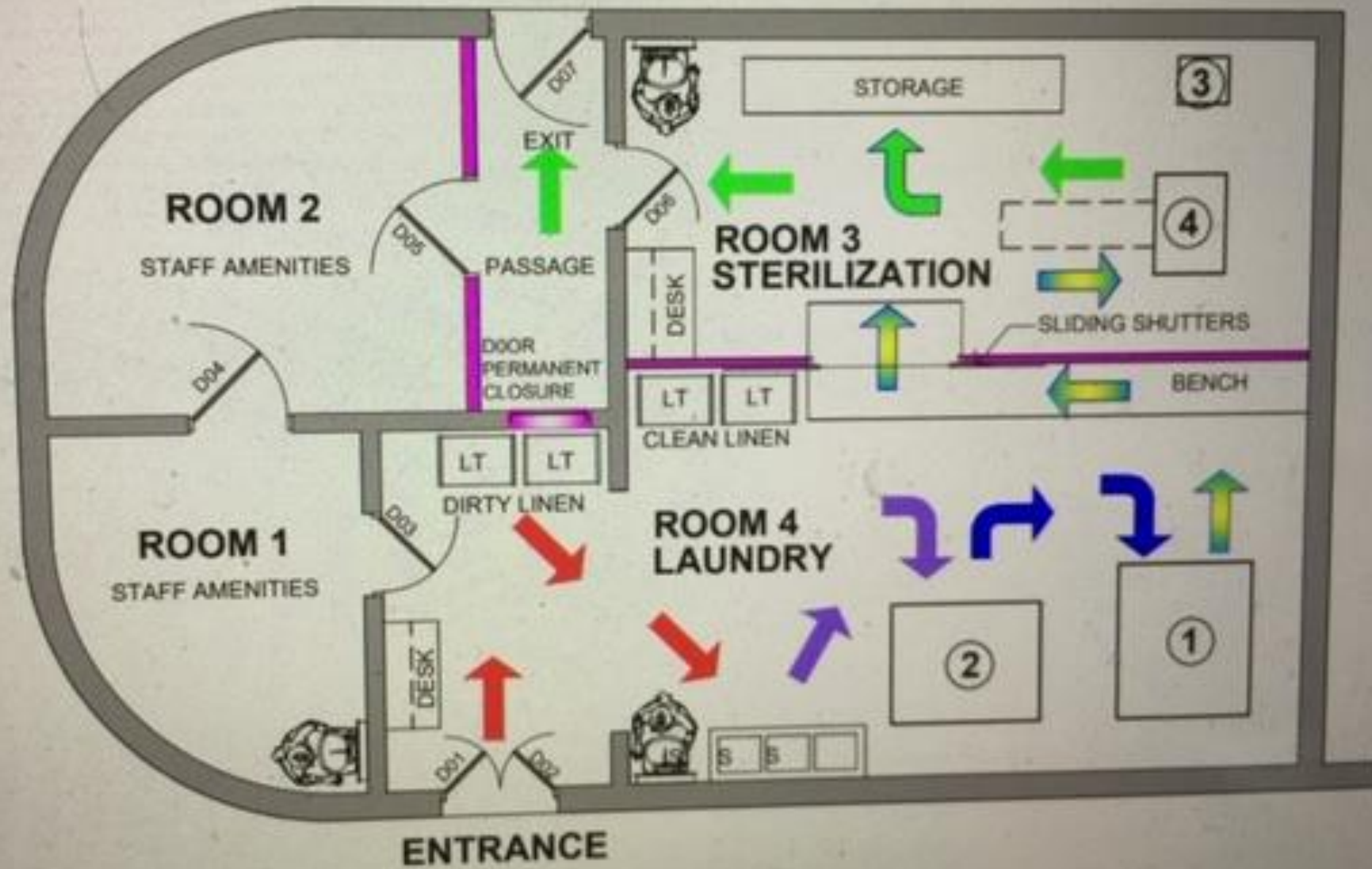
West

East

Many Zoom meetings were held with stakeholders to develop a floorplan



Workflow was determined and plans were finalized



STERILIZATION WORK FLOW PLAN

SCALE 1 : 100

Demolition















Construction























































Completing Construction







Ordering and Delivery of Equipment

A large, rectangular object, identified as a washing machine, is completely encased in a thick layer of blue protective plastic film. The object is mounted on a standard wooden pallet. The scene is outdoors, with a concrete pillar to the left and a building with a window to the right. The text "Washing Machine was delivered" is overlaid in the center of the image.

Washing Machine
was delivered

Dryer Arrives In Gondar

Autoclave





Problem: Washer would not fit through the door to the Laundry Room
The door needed to be reconstructed

Installation of the Machines















- Missing Parts: Prefiltration Unit for the water softener had to be ordered from Germany delaying the inauguration of the facility



Completed Facility

Linen Pretreatment Area



Sliding Windows Connecting Laundry and Sterilization rooms.

Dryer



Autoclave



Washer



Training: Laundry Technicians in
use of the Washer and Dryer













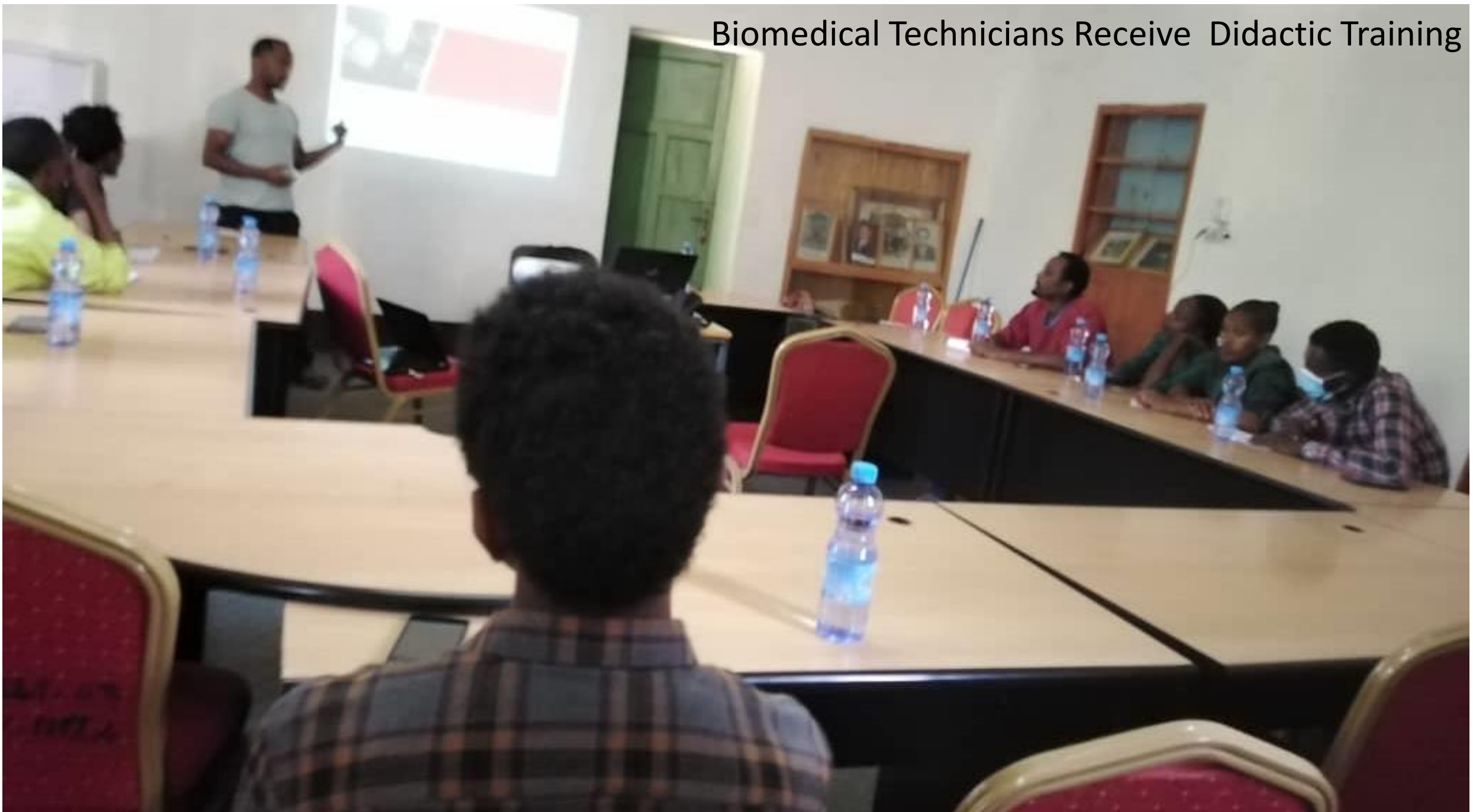






Training: Biomedical Technicians in
Maintenance and Repair of Washer,
Dryer, Autoclave and Water Softener

Biomedical Technicians Receive Didactic Training





Horizontal - Technical Training Seminar Tuttnauer AutoClaves

Edited by Anwar Mamon & Yehi Lotan

www.tuttnauer.com


Tuttnauer
The Technology & Innovation Leader



• Biomedical Technician Receive Hands on Training



KENYA
MEDICAL
ENGINEERING

Training: Autoclave Nurses




Training Nurses to Operate the Autoclave





Policy and Procedure

A group of men are seated around a table covered with a blue cloth in a workshop setting. They are engaged in a discussion, with some looking at documents on the table. The room has green and white walls and a wooden cabinet in the background. Other people are visible in the background, also working at tables.

Workshop to develop Policies and Procedures

Stakeholders Adapt Guidelines to Local Situation



Supervisors Were Trained in Policies and Procedures



Supervisors Then Trained Their Staff

A policy and management guide
to the perinatal central supply at
Gondar University Hospital

Feb 22, 2022

The New Perinatal Central Supply
Facility is Up and Running!

















Quality Assurance

Monitoring, Problem
Identification, Root Cause
Analysis, Solution, and Testing



- Heating elements in the Washer were failing unexpectedly
- Water filters were clogging unexpectedly



Gondar city water has loads of particles in suspension that were deposited in the water tank for the facility

Bleach used in washer damaged machine parts



Solutions





Clean Water Tank
regularly

Install a Floating Valve
to cut flow when
water level is low

Install Whole House Particle Filtration System



-
- Presoak Linens in Bleach in the Sink Before Washing in Machine



Safe Deliveries for Mothers and Babies

Clean and Sterile instruments and Drapes are now available for every delivery at the University of Gondar Hospital.





Rotary



**Rotary Safe Deliveries for
Mothers and Babies
Perinatal Central Supply**

Made possible by funding and support
from Rotary club of Gondar Fasiledes and
Rotary club of Del Mar in Collaboration
with University of Gondar