

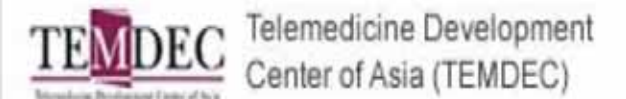
HOSPITAL INTRODUCTION: CLINICS & TECHNOLOGY (Sardjito Hospital - FM UGM)



Putut Bayu Purnama, MD.

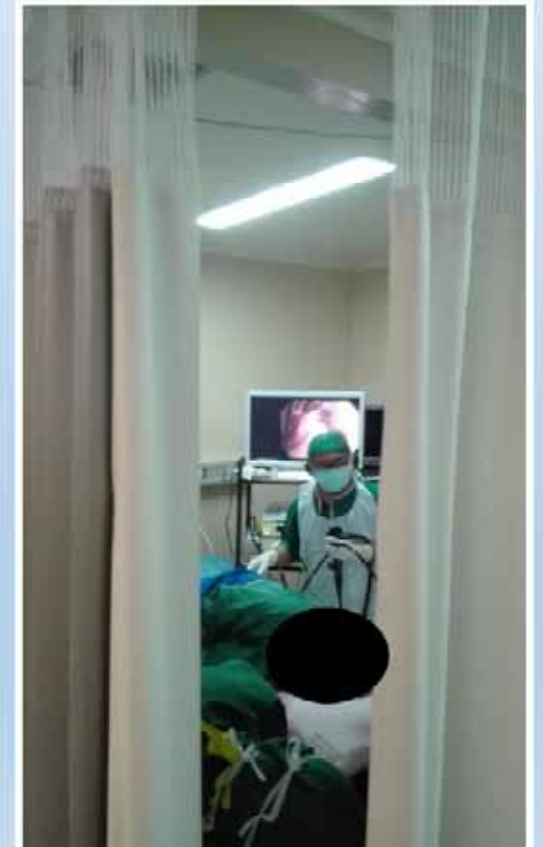
Fahmi Indrarti, MD.

Yanuartan T. Budiman



Introduction of Clinics/Endoscopy Profiles

- Place : Integrated Central Surgical Building 4th floor Sardjito Hospital



Introduction of Clinics/Endoscopy Profiles

- Human Resource (clinician)



Putut Bayupurnama, MD
Head of Gastroenterologi Division

Prof. Siti Nurdjanah, MD

Sutanto Maduseno, MD

Neneng Ratnasari, MD, PhD
Catharina T, MD

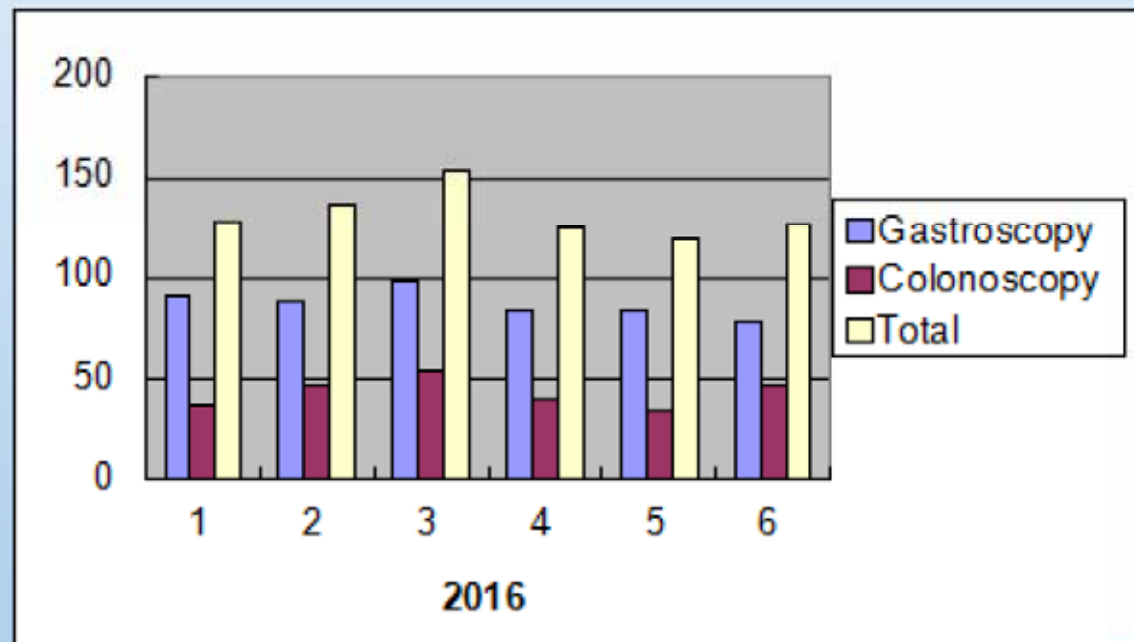
Fahmi Indrarti, MD

Introduction of Clinics/Endoscopy Profiles

- Main or flagship services
 - Endoscopy diagnostic and therapeutic
 - EGD
 - Colonoscopy (standard/water method)
 - Push enteroscopy (with pediatric colonoscope)
 - Transnasal endoscopy
 - Esophageal dilatation by Savary-Guillard bougies
 - Balloon dilatation
 - Hemoclip
 - Polypectomy
 - etc
 - ERCP

Introduction of Clinics/Endoscopy Profiles

- Bed Occupancy



Medical Needs for Telemedicine

- Existing telemedicine set-up and activities



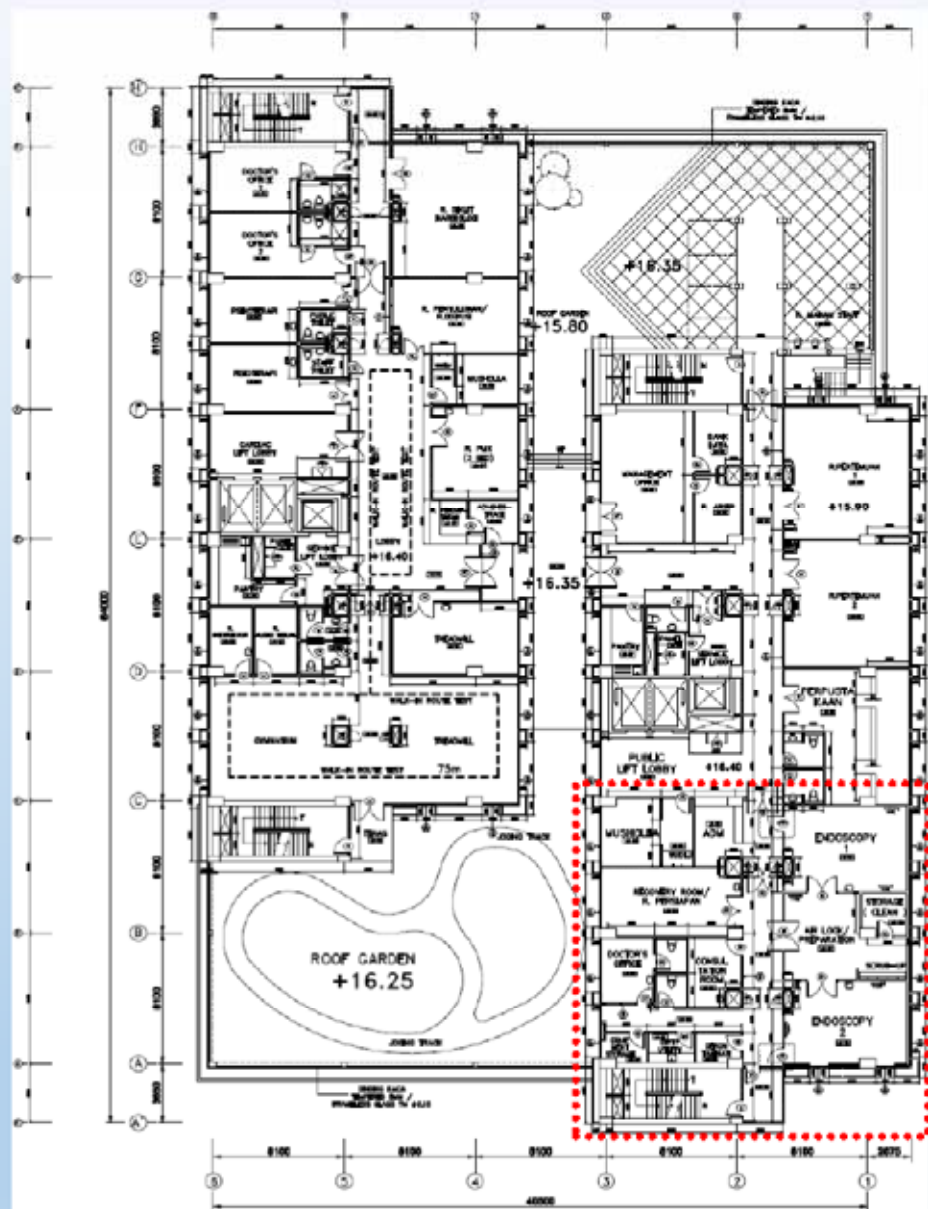
Output Video with BNC connector and connected to RCA then made into main input video.



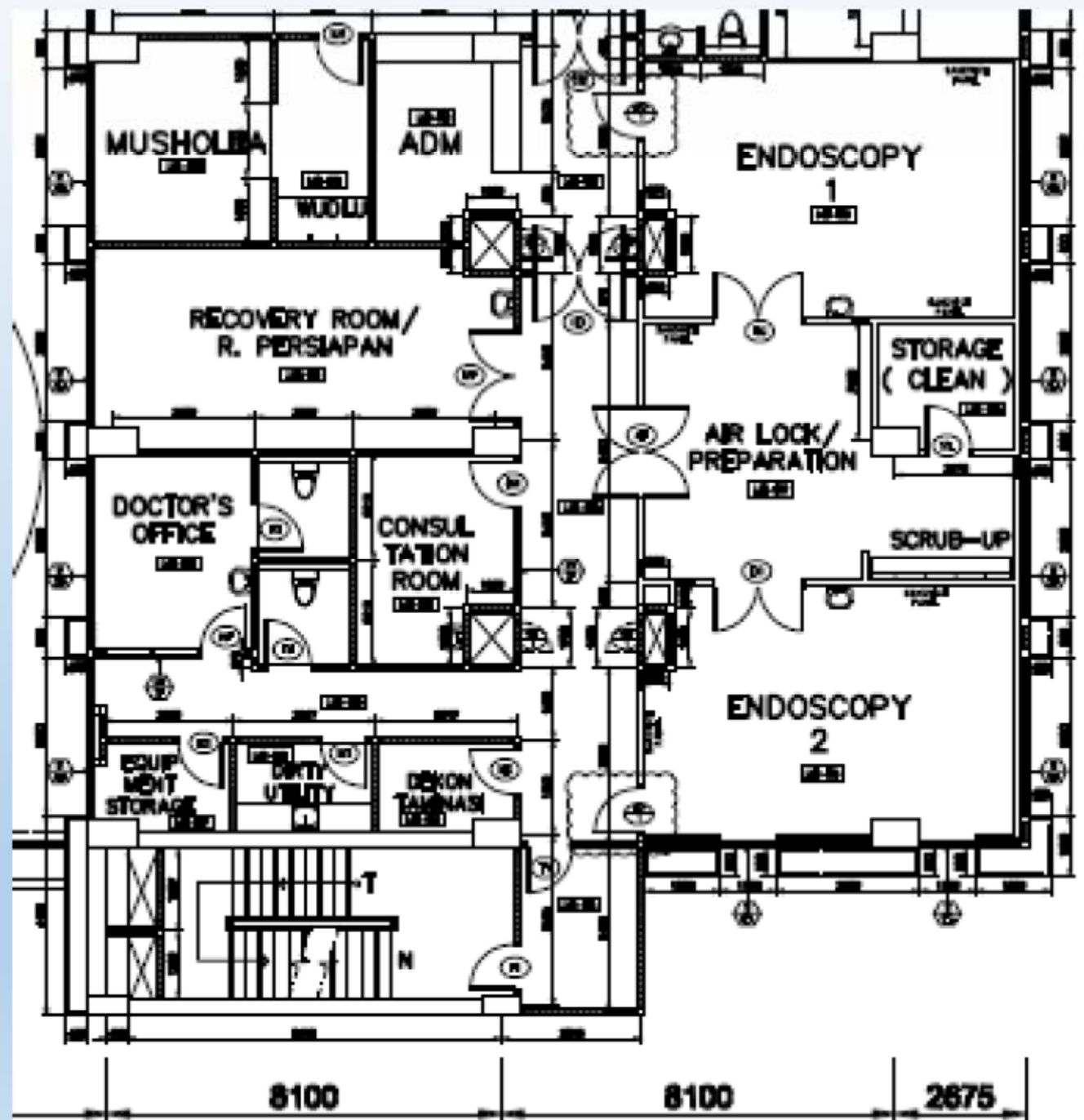
Medical Needs for Telemedicine

- Future plans





4TH FLOOR



Medical Needs for Telemedicine

Major plans of telemedicine

- Endoscopies activities:
 - Endoscopic teleconferences
 - Live demonstration (real time)
 - Academic meeting for education

Hospital Telemedicine Resource – Key Person

- Doctor : Fahmi Indrarti, MD
- Engineer: Yanuarten T. Budiman
- Coordinator : Putut Bayupurnama, MD



Hospital Faculty Telemedicine Resource

- Internet

- Commercial or Research and education network → UGM network
- Bandwidth → 3 -20 MB (by request)
- Routing → NAT and direct IP Public
- Security → standard Firewall

- Equipment

- Teleconference room : Available
- Teleconference devices
 - hardware : SONY Ipela PCS-G50, Panasonic KX-VC600, CISCO Telepresence MX300 G2
 - software: SKYPE, VIDYO

- Experience

- Vicon with software : Skype, Vidyo (trial)
- Vicon with hardware : Web Streaming, IP address base

Hospital Faculty Telemedicine Resource



Video Conference Room in FM UGM (Capacity: 12 seats)

Or we have other room with more capacity, such as: Theater Room (80), and Auditorium (300)

Hospital Telemedicine Resource

- current problems :
 - endoscopy room is going to move to a new building
 - there is no internet connection yet in the new building
 - if there is a telemedicine activities, then we will participate as an audience, located in FM UGM
- Expectation
 - The new building will be available immediately
 - a good internet connection to immediately identify needs

An aerial photograph showing a massive crowd of people on a large, open grassy field. The crowd is arranged in a large, circular formation, with the outer edges forming a wide base and the center being a dense, circular core. The people are wearing various colors, but many are wearing blue. In the background, there are several buildings with brown roofs, including a prominent one with a large, dark, peaked roof. The sky is overcast.

MATURNUWUN ARIGATO